

AFIN: 72-00144

PMT#: 0290-S1-R4

Received

By Haley Griffith at 1:23 pm, Jan 30, 2024

DOC ID#: 85070

TO: BS>FILE <HG

**Haley Griffith (adpce.ad)**

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**From:** Travis Doll <travis.doll@jettenviro.com>  
**Sent:** Tuesday, January 30, 2024 7:47 AM  
**To:** gwreports  
**Cc:** Reynolds, Jodi; Steve Jett P.G.; Ciara Childers Beavers  
**Subject:** December 2023 Monthly Sampling Event Report, Eco-Vista Class 1 Landfill, Solid Waste Permit No. 0290-S1-R4

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

<https://drive.google.com/file/d/1wNfNVVaJ9nxvoqiclUqKm9EaMA5bwxt6/view?usp=sharing>

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

Sincerely,

**Travis Doll, P.G.**  
**Senior Geologist**  
**Jett Environmental Consulting**  
*18 Lexington Oaks Court*  
*Foristell, MO 63348*  
*573-418-5488*  
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January 30, 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: December 2023 Monthly Indicator Parameter Monitoring Report  
Eco-Vista Landfill, LLC, Class 1 Landfill  
AFIN: 72-00144, Permit No.: 0290-S1-R4**

Dear Mr. Baggett:

Jett Environmental Consulting is pleased to present the results of the December 2023 monthly indicator parameter monitoring event for the Eco-Vista Landfill, LLC to the Arkansas Department of Energy and Environment, Division of Environmental Quality (DEQ). In accordance with the Eco-Vista Landfill (Landfill) Permit No. 0290-S1-R4 (AFIN 72-00144), Conditions 31 & 38.a., the Landfill is required to conduct monthly sampling for the following parameters:

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

Monthly monitoring began in July 2006 with the approval to begin landfill operations in the eastern lateral expansion area. Monthly sampling events are currently conducted for the eastern lateral expansion area (Cells 1 through 12). In accordance with Condition 42.a. of the Permit, the monthly report should include:

- i) Analytical data from that month's indicator sampling of groundwater, the leak detection system (LDS), and the leachate collection system (LCS). Groundwater elevations should also be included.
- ii) List of calculated statistically significant increases (SSIs) for all monthly results from the groundwater monitoring wells.
- iii) Graphs for each SSI, presenting the parameter at the location (1) over the past year and (2) since monthly monitoring began.
- iv) Database printout of all monthly sampling analytical results since beginning of monthly indicator sampling.
- v) Daily volume and rate data collected from the LDS and the LCS since the last report.
- vi) Discussion of all results obtained from the groundwater monitoring wells.
- vii) Status of the corrective action and corrective action activities at the site. This information will include, but not be limited to, a list of all active and passive out-of-waste gas extraction locations at the site and the days that the location was functional or not functional for the reporting period.

### **Analytical Results**

The December 2023 sampling event was completed on December 6-8, 2023. A copy 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 December 2023 monthly data is also provided in **Attachment A**. A historical database summary of sampling analytical results compiled since the beginning of monthly indicator parameter sampling is included in **Attachment B**.

### SSI Evaluation

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

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

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

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

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

### LDS/LCS

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

In accordance with the Landfill's permit and ALR Contingency Plan, Eco-Vista personnel perform flow rate monitoring of the LDS sumps of Cells 1 through 12. 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 December 2023 for both the open and closed landfill areas. The LCS and LDS share common piping at the bulkhead and backflow from the LCS into the LDS has been identified, as documented in a February 19, 2020 fingerprint analysis results report submitted to DEQ (DIN 77786). To address this, Eco-Vista installed backflow preventers on the LDS piping on September 2, 2020.

According to site data, each of the December 2023 LDS flow rates (14-day average) was below 60 gpad (see **Attachment E**).

### **Gas Extraction Well Operations**

During a previous Nature and Extent Investigation, the site implemented interim corrective measures by installing a GCCS, which included gas extraction wells. These extraction wells are all part of the active on-going remediation efforts. In accordance with Permit Condition 42.vii., a list and map of all active and passive gas extraction locations at the site and their operational status for the reporting period is included in **Attachment F**.

### **Summary & Conclusions**

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

- For the monitoring wells, various statistically significant increasing trends were exhibited for chloride, pH, and specific conductance, and decreasing trends were exhibited for ammonia, chloride, pH, and specific conductance. The trend results were generally consistent with past events, and for a majority of the trending well/parameter pairs results have been stable for several years recently;
- Chloride concentrations in groundwater were below calculated intra-well limits;
- Ammonia concentrations in groundwater were below the fixed limit of 1 mg/L; and
- According to the site, each of the LDS flow rates (14-day average) was below 60 gpad.

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

If you have any questions or comments, please contact me at [steve.jett@jettenviro.com](mailto:steve.jett@jettenviro.com) or 314-496-4654.

Sincerely,



Steve Jett, P.G. No. 1826  
Owner

A handwritten signature in blue ink that reads "Travis Doll".

Travis Doll  
Senior Geologist

*Attachments:*

- Summary Table of Monthly Results*
- Historical Database*
- Trend Analysis*
- Chloride Baseline Calculations*
- Leachate Collection System and Leak Detection System Daily Volume and Rate Data*
- Gas Extraction Well Operations & Location Map*
- Laboratory Analytical Report & Field Forms*

cc: Jodi Reynolds – WM (PDF via Email)

**ATTACHMENT A**

**Summary Table of Monthly Results**

**Monthly Data Summary  
December 2023 Event  
Eco-Vista Landfill**

Monitoring Point	Date Sampled	Chloride Intra-Well Limit (mg/L)	Chloride (mg/L)	Ammonia (mg/L)	Specific Conductance [Field] (umhos/cm)	pH [Field] (SU)	Top of PVC Casing Elevation (fmsl)	Depth to Water (ft)	Groundwater Elevation (fmsl)
LGW-2	12/7/2023	78	11.1	<0.1	839	6.69	1302.14	73.29	1228.85
LGW-3R	12/7/2023	124	4.57	<0.1	140	5.19	1289.20	57.37	1231.83
LGW-4	12/7/2023	149	20.7	<0.1	1039	6.54	1267.79	61.34	1206.45
LGW-5	12/7/2023	124	25.8	0.106	1085	6.37	1271.91	72.20	1199.71
LGW-6	12/7/2023	133	17.4	<0.1	1020	6.23	1244.79	51.38	1193.41
LGW-7	12/7/2023	113	14.9	<0.1	810	6.76	1220.60	43.80	1176.80
LGW-8R	12/7/2023	122	19.7	<0.1	1000	6.50	1186.24	11.20	1175.04
LGW-9	12/6/2023	169	33.6	<0.1	986	6.26	1237.47	54.40	1183.07
LGW-10	12/6/2023	151	24.4	0.125	1141	6.23	1240.61	59.60	1181.01
LGW-14R	12/7/2023	39	5.56	<0.1	840	6.76	1250.93	56.80	1194.13
MW-7N	12/6/2023	93	30.2	<0.1	774	6.61	1250.84	87.78	1163.06
MW-15	12/6/2023	278	39.8	<0.1	768	6.40	1291.46	58.85	1232.61
MW-16	12/6/2023	108	4.01	<0.1	481	7.09	1289.70	76.72	1212.98
MW-17	12/7/2023	205	6.62	<0.1	494	6.69	1288.93	60.50	1228.43
MW-19	12/6/2023	92	7.55	<0.1	738	6.65	1293.90	67.85	1226.05
LCS-1	12/8/2023	NA	1780 V	1780	7044	7.75	NA	NA	NA
LCS-2	12/8/2023	NA	1860	1270	8690	7.33	NA	NA	NA
LCS-3	12/8/2023	NA	1380	1180	8387	7.47	NA	NA	NA
LCS-4	12/8/2023	NA	1060	956	13410	7.35	NA	NA	NA
LCS-5	12/8/2023	NA	2600	2940	18711	7.87	NA	NA	NA
LCS-6	12/8/2023	NA	1210	927	12449	7.27	NA	NA	NA
LCS-7	12/8/2023	NA	1740	1370	17624	7.37	NA	NA	NA
LCS-8	12/8/2023	NA	1050	786	12232	7.34	NA	NA	NA
LCS-9	12/8/2023	NA	1710	1320	18719	7.53	NA	NA	NA
LCS-10	12/8/2023	NA	2280	1950	24170	7.61	NA	NA	NA
LCS-11	12/8/2023	NA	2630	2820	25155	7.96	NA	NA	NA
LCS-12	12/8/2023	NA	2150	1950	28091	7.54	NA	NA	NA
LDS-1	12/8/2023	NA	343	17.8	5439	6.68	NA	NA	NA
LDS-2	12/8/2023	NA	360	8.40	4015	6.73	NA	NA	NA
LDS-3	12/8/2023	NA	1890	192	12020	7.37	NA	NA	NA
LDS-4	12/8/2023	NA	1670	1430	14340	7.38	NA	NA	NA
LDS-5	12/8/2023	NA	795	302	9711	7.30	NA	NA	NA
LDS-6	12/8/2023	NA	1380	184	12193	7.60	NA	NA	NA
LDS-7	12/8/2023	NA	289	93.6	6697	7.35	NA	NA	NA
LDS-8	12/8/2023	NA	990 V	714	13556	7.21	NA	NA	NA
LDS-9	12/8/2023	NA	89.7	12.7	2981	6.22	NA	NA	NA
LDS-10	12/8/2023	NA	1140	746	16351	7.09	NA	NA	NA
LDS-11	12/8/2023	NA	2690	1790	31049	7.73	NA	NA	NA
LDS-12	12/8/2023	NA	1610	920	25555	7.30	NA	NA	NA
Field Blank	12/6/2023	NA	<3	<0.1	NA	NA	NA	NA	NA
Lab Method Blanks	---	NA	<3	<0.1	NA	NA	NA	NA	NA

**Notes:**

Depth to water collected by Promus Engineering on December 6-7, 2023.

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 - 8/1/2006	.130	13.0	6.80 *	599.8 *
8/1/2006 - 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 *
1/26/2007 - 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 - 7/12/2007	.118 *	14.0 *	6.45 *	928.5 *
7/12/2007 - 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 *
2/4/2010 - 2/17/2010	.220	20.0	6.48	862.0
2/17/2010 - 3/3/2010	.300	20.0	6.44	866.0
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
7/27/2012 - 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
1/30/2014 - 2/13/2014	.265 *	15.0 *	6.48 *	933.5 *
3/11/2014 - 3/12/2014	.270	15.0	6.73	1830.0
4/2/2014 - 4/3/2014	.270	15.0	6.49	1952.0
5/7/2014	.290	13.0	6.49	1773.0
6/3/2014	.290	13.0	6.05	986.0
7/8/2014 - 7/18/2014	.330	14.0	6.70	871.0
8/5/2014 - 8/6/2014	.240	14.0	6.23	995.0
9/4/2014 - 9/5/2014	.250	13.0	6.65	886.0
10/8/2014 - 10/9/2014	.140	13.0	6.45	926.0
10/9/2014 - 10/23/2014	.140	13.0	6.45	926.0
10/23/2014 - 11/3/2014	.190	13.0	6.89	914.0
1/14/2015 - 1/15/2015	.230	13.0	5.56	936.0
2/10/2015 - 2/13/2015	.260	14.0	6.00	950.0
3/3/2015	.110	13.0	6.50	897.0
4/1/2015 - 4/2/2015	.280	11.0	6.59	1037.0
5/6/2015 - 5/7/2015	.230	11.0	6.59	1412.0
6/2/2015 - 6/5/2015	.440	12.0	6.34	1474.0
7/7/2015 - 7/16/2015	.340	13.0	6.27	1794.0
7/22/2015 - 8/5/2015	.390	10.0	6.35	1284.0
9/2/2015 - 9/3/2015	.340	11.0	6.81	1703.0
10/5/2015 - 10/6/2015	.290	12.0	7.02	1609.0
11/4/2015 - 11/5/2015	.210	11.0	6.98	1440.0
12/3/2015 - 12/4/2015	.250	11.0	7.41	868.0
1/5/2016 - 1/8/2016	.360	11.0	6.59	920.0
2/3/2016 - 2/11/2016	.310	10.0	7.12 *	903.0 *
3/2/2016 - 3/3/2016	.220	11.0	7.09	898.0
4/5/2016 - 4/6/2016	.270	11.0	6.85	912.0
5/11/2016 - 5/12/2016	.200	11.0	6.52	801.0
6/1/2016 - 6/2/2016	.250	12.0	6.94	882.0

\* - 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)
7/19/2016 - 7/22/2016	.270	13.0	6.20	849.0
8/10/2016 - 8/11/2016	.260	13.0	7.22	841.0
9/6/2016 - 9/7/2016	.210	13.0	6.78	785.0
10/5/2016 - 10/7/2016	.190 *	12.5 *	6.94	751.0
11/2/2016 - 11/3/2016	<.100	13.0	6.72	667.0
12/1/2016 - 12/2/2016	.140	13.0	7.45	928.0
1/10/2017 - 1/13/2017	.100	14.0	5.48	779.0
2/7/2017 - 2/8/2017	.170	14.0	7.68	741.0
3/1/2017 - 3/3/2017	.150	14.0	6.12	926.0
4/4/2017 - 4/6/2017	.220	14.0	6.47	920.0
5/2/2017 - 5/16/2017	.280	15.0	6.38	910.0
6/6/2017 - 6/7/2017	.130	14.0	6.40	905.0
7/18/2017 - 8/1/2017	.255 *	14.0 *	6.48 *	830.5 *
8/1/2017 - 8/2/2017	.230	13.0	6.58	877.0
9/5/2017 - 9/6/2017	.300	16.0	7.05	711.0
10/5/2017 - 10/9/2017	.270	15.0	7.00	888.0
11/1/2017 - 11/2/2017	.200	15.0	6.46	964.0
1/23/2018 - 1/26/2018	.160	13.0	6.46	727.0
2/21/2018 - 2/23/2018	.120	14.0	6.84	709.0
3/19/2018 - 3/22/2018	.290	15.0	6.37	788.0
4/9/2018 - 4/11/2018	.220 *	15.0 *	6.42 *	857.0 *
6/4/2018 - 6/6/2018	.300	16.0	6.33	907.0
7/10/2018 - 7/18/2018	.220	14.0	6.60	911.0
8/1/2018 - 8/2/2018	.170	15.0	6.61	804.0
9/4/2018 - 9/6/2018	.290	17.0	6.82	984.0
10/1/2018 - 10/4/2018	.310 *	15.0 *	6.41 *	835.0 *
11/6/2018 - 11/8/2018	.170	13.0	6.47	764.0
12/4/2018 - 12/5/2018	.170	16.0	6.48	816.0
1/2/2019 - 1/7/2019	.160	15.0	6.50	719.8
2/4/2019 - 2/6/2019	.220	16.0	6.41	732.0
3/4/2019 - 3/6/2019	.240	14.0	6.13	791.0
4/2/2019 - 4/3/2019	.260	16.0 *	6.41 *	863.0 *
5/1/2019 - 5/9/2019	.230	14.0	6.53	727.0
6/3/2019 - 6/5/2019	.310	17.0	6.38	890.0
7/8/2019 - 7/11/2019	.215 *	16.0 *	6.75 *	880.0 *
8/5/2019 - 8/8/2019	.250	13.0	6.52	896.0
9/3/2019 - 9/5/2019	.210	16.0	6.60	842.0
9/30/2019 - 10/3/2019	.250 *	16.5 *	6.55 *	885.0 *
11/5/2019 - 11/6/2019	.250	16.0	6.47	944.0
12/2/2019 - 12/12/2019	.220	17.0	6.54	781.0
1/13/2020 - 1/24/2020	.315	18.4	6.60	863.0
1/24/2020 - 2/4/2020	<1.000	19.0	6.56	767.0
3/2/2020 - 3/4/2020	.209	19.1	6.50	297.0
4/1/2020 - 4/3/2020	.284	19.0	6.50 *	806.0 *
5/4/2020 - 5/5/2020	.333	17.7	6.42	843.0
6/1/2020 - 6/3/2020	.324	18.1	6.49	838.0
7/6/2020 - 7/9/2020	.246 *	16.5 *	6.49 *	946.0 *
8/3/2020	.256	16.1	6.46	900.0
9/1/2020 - 9/14/2020	.143	15.5	6.43	817.0
10/5/2020 - 10/7/2020	<.100	15.8 *	6.62 *	671.0 *
11/2/2020 - 11/5/2020	<.100	15.5	6.64	730.0
12/1/2020 - 12/4/2020	.170	16.4	6.41	1034.0
1/13/2021 - 1/18/2021	<.100 *	37.0 *	6.09	487.4
2/9/2021 - 2/11/2021	.143	19.8	6.56	901.0
3/2/2021 - 3/3/2021	<.100	19.3	6.35	916.0

\* - 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)
4/6/2021 - 4/9/2021	.165	19.5	6.43 *	898.0 *
5/4/2021 - 5/5/2021	.181	19.7	6.28	943.0
6/1/2021 - 6/2/2021	.234	20.0	6.35	933.0
7/1/2021 - 7/9/2021	.267 *	19.8 *	6.42 *	969.0 *
8/3/2021 - 8/4/2021	.147	20.0	6.36	940.0
9/1/2021 - 9/2/2021	.187	19.7	6.38	939.0
10/4/2021 - 10/7/2021	<.100	19.5 *	6.50 *	875.0 *
11/1/2021 - 11/2/2021	<.100	19.0	6.42	882.0
12/8/2021 - 12/9/2021	.118	18.6	6.43	879.0
1/12/2022 - 1/19/2022	.141	21.0 *	6.41 *	897.0 *
2/9/2022 - 2/10/2022	.126	20.2	6.49	913.0
3/1/2022 - 3/5/2022	<.100	21.1	6.44	910.0
4/4/2022 - 4/6/2022	.164	21.0	6.39 *	945.0 *
5/6/2022 - 5/7/2022	.170	22.5	6.60	915.0
6/2/2022 - 6/3/2022	.286	22.2	6.09	1143.0
7/9/2022 - 7/13/2022	.406	20.9	6.11	1006.0
8/9/2022 - 8/10/2022	.185	20.5	6.07	962.0
9/7/2022 - 9/8/2022	<.100	21.4	6.16	823.0
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

\* - 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 - 8/1/2006			8.25 *	321.5 *
8/1/2006 - 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 *
1/26/2007 - 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 - 7/12/2007	<.100 *	4.60 *	7.46 *	388.0 *
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 *
2/4/2010 - 2/17/2010	<.100	3.40	7.52	304.0
2/17/2010 - 3/3/2010	<.100	3.70	7.35	363.0
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
4/5/2011 - 4/6/2011	<.100	3.80	7.53	331.0

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

Table 2

## Analytical Data Summary for LGW-14R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
5/10/2011 - 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
7/27/2012 - 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 - 2/5/2013	<.100 *	3.65 *	7.57 *	339.0 *
3/5/2013	<.100 *	3.90 *	7.45 *	348.0 *
4/30/2013 - 5/2/2013	<.100	3.80	7.30	335.0
6/4/2013 - 6/5/2013	<.100	3.70	7.14	349.0
7/30/2013 - 8/9/2013	<.100	3.80	7.36	347.0
9/10/2013 - 9/11/2013	<.100	3.90	7.43	341.0
10/1/2013 - 10/2/2013	<.100	3.60	7.64	355.0
11/6/2013	<.100	3.70	7.39	347.0
12/2/2013 - 12/3/2013	<.100	3.90	7.11	336.0
1/22/2014 - 1/30/2014	<.100	3.90	7.30	340.0
1/30/2014 - 2/13/2014	<.100	3.90	7.45	341.0
3/11/2014 - 3/12/2014	<.100	3.80	7.64	676.0
4/2/2014 - 4/3/2014	<.100	3.80	7.61	687.0
5/7/2014	<.100	3.90	7.52	661.0
6/3/2014	<.100	3.80	7.19	363.0
7/8/2014 - 7/18/2014	<.100	3.80	7.47	359.0
8/5/2014 - 8/6/2014	<.100	3.90	7.42	373.0
9/4/2014 - 9/5/2014	<.100	4.00	7.25	368.0
10/8/2014 - 10/9/2014	<.100	4.00	7.49	367.0
10/9/2014 - 10/23/2014	<.100	4.00	7.49	367.0
10/23/2014 - 11/3/2014	<.100	4.10	7.46	362.0
1/14/2015 - 1/15/2015	<.100	4.30	5.81	379.0
2/10/2015 - 2/13/2015	<.100	4.00	7.48	383.0
3/3/2015	<.100	4.20	7.44	353.0
4/1/2015 - 4/2/2015	<.100	4.00	7.32	398.0
5/6/2015 - 5/7/2015	<.100	4.60	7.62	607.0
6/2/2015 - 6/5/2015	<.100	4.00	7.90	613.0
7/16/2015 - 7/22/2015	<.100	3.90	7.99	721.0
7/22/2015 - 8/5/2015	<.100 *	3.85 *	7.89 *	700.0 *
9/2/2015 - 9/3/2015	<.100	4.10	7.86	679.0
10/5/2015 - 10/6/2015	<.100	4.00	7.86	636.0
11/4/2015 - 11/5/2015	<.100	4.10	7.42	608.0
12/3/2015 - 12/4/2015	<.100	4.50	7.54	369.0
1/5/2016 - 1/8/2016	<.100	4.40	7.29	362.0
2/3/2016 - 2/11/2016	<.100	4.00	8.17	373.0

\* - 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)
3/2/2016 - 3/3/2016	<.100	4.00	7.84	368.0
4/5/2016 - 4/6/2016	<.100	4.30	8.08	370.0
5/11/2016 - 5/12/2016	<.100	4.10	7.63	353.0
6/1/2016 - 6/2/2016	<.100	4.40	7.88	362.0
7/19/2016 - 7/22/2016	<.100	4.10	7.16	324.0
8/10/2016 - 8/11/2016	<.100	4.20	8.33	317.0
9/6/2016 - 9/7/2016	<.100	4.50	7.51	304.0
10/5/2016 - 10/7/2016	<.100	4.10	7.21	501.0
11/2/2016 - 11/3/2016	<.100	4.50	7.27	297.0
12/1/2016 - 12/2/2016	<.100	4.10	8.09	376.0
1/10/2017 - 1/13/2017	<.100	4.50	6.47	293.0
2/7/2017 - 2/8/2017	<.100	4.50	6.64	308.0
3/1/2017 - 3/3/2017	<.100	4.40	6.26	375.0
4/4/2017 - 4/6/2017	<.100	4.70	7.44	362.0
5/2/2017 - 5/16/2017	<.100	4.60	7.49	355.0
6/6/2017 - 6/7/2017	<.100	4.60	7.54	340.0
7/18/2017 - 8/1/2017	<.100 *	4.55 *	7.34 *	359.5 *
8/1/2017 - 8/2/2017	<.100	4.60	7.41	353.0
9/5/2017 - 9/6/2017	<.100	4.60	7.18	324.0
10/5/2017 - 10/9/2017	<.100	4.50	7.20	390.0
11/1/2017 - 11/2/2017	<.100	4.50	7.38	392.0
1/23/2018 - 1/26/2018	<.100	3.90	7.33	345.3
2/21/2018 - 2/23/2018	<.100	4.20	7.25	382.5
3/19/2018 - 3/22/2018	.100	4.60	7.23	374.1
4/9/2018 - 4/11/2018	<.100	4.20	7.22	366.6
6/4/2018 - 6/6/2018	<.100	4.50	7.43	377.5
6/21/2018			7.32	401.7
7/10/2018 - 7/18/2018	<.100	4.20	7.40	394.0
7/18/2018 - 8/1/2018	1.200	4.70	7.18	379.0
8/1/2018 - 8/2/2018	1.200	4.70	7.18	379.0
9/4/2018 - 9/6/2018	<.100	5.20	7.00	431.0
10/1/2018 - 10/4/2018	<.100	4.20	7.17 *	383.9 *
11/6/2018 - 11/8/2018	<.100	4.30	7.22	377.4
12/4/2018 - 12/5/2018	.210	4.40	7.33	389.0
1/2/2019 - 1/7/2019	<.100	4.30	6.65	340.0
2/4/2019 - 2/6/2019	<.100	4.50	7.11	349.6
3/4/2019 - 3/6/2019	<.100	4.10	6.82	359.0
4/2/2019 - 4/3/2019	<.100	4.70	7.02	411.5
5/1/2019 - 5/9/2019	<.100	4.30	7.49	363.1
6/3/2019 - 6/5/2019	<.100	3.90	7.15	401.5
7/8/2019 - 7/11/2019	<.100 *	4.35 *	7.18 *	431.7 *
8/5/2019 - 8/8/2019	<.100	3.90	7.33	398.1
9/3/2019 - 9/5/2019	<.100	4.30	7.02	391.3
9/30/2019 - 10/3/2019	<.100	4.60	7.29	401.1
11/5/2019 - 11/6/2019	<.100	4.10	7.18	411.0
12/2/2019 - 12/12/2019	<.100	4.30	7.42	358.9
1/13/2020 - 1/24/2020	<.100	4.68	7.33	339.6
1/24/2020 - 2/4/2020	<1.000	4.81	7.33	345.3
3/2/2020 - 3/4/2020	<.100	4.68	7.22	357.1
4/1/2020 - 4/3/2020	<.100	4.67	7.00	373.5
5/4/2020 - 5/5/2020	<.100	4.34	7.14	376.4
6/1/2020 - 6/3/2020	<.100	4.58	7.15	382.1
7/6/2020 - 7/9/2020	<.100 *	4.56 *	7.15 *	444.1 *
8/3/2020	<.100	4.49	7.10	357.3
9/1/2020 - 9/14/2020	<.100	4.53	7.07	412.3

\* - 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

\* - 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)
7/18/2006 - 8/1/2006	<.100	9.10	7.58 *	380.0 *
8/1/2006 - 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 *
1/26/2007 - 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 - 7/12/2007	<.100 *	8.10 *	7.26 *	559.0 *
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 *
2/4/2010 - 2/17/2010	.090	9.70	6.79	548.0
2/17/2010 - 3/3/2010	.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
7/27/2012 - 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
1/30/2014 - 2/13/2014	<.100 *	8.80 *	7.43 *	619.0 *
3/11/2014 - 3/12/2014	<.100	9.00	7.35	1575.0
4/2/2014 - 4/3/2014	.310	8.80	7.19	1180.0
5/7/2014	<.100	8.80	7.13	1087.0
6/3/2014	<.100	8.60	6.91	606.0
7/8/2014 - 7/18/2014	<.100	9.00	7.21	605.0
8/5/2014 - 8/6/2014	<.100	8.60	6.80	615.0
9/4/2014 - 9/5/2014	<.100	8.40	7.03	600.0
10/8/2014 - 10/9/2014	<.100	9.00	7.65	605.0
10/9/2014 - 10/23/2014	<.100	9.00	7.65	605.0
10/23/2014 - 11/3/2014	<.100	9.00	6.57	590.0
1/14/2015 - 1/15/2015	<.100	9.10	5.74	618.0
2/10/2015 - 2/13/2015	<.100	8.80	7.70	634.0
3/3/2015	<.100	8.90	7.09	590.0
4/1/2015 - 4/2/2015	<.100	8.80	6.88	648.0
5/6/2015 - 5/7/2015	<.100	8.40	7.17	991.0
6/2/2015 - 6/5/2015	<.100	8.90	7.14	997.0
7/7/2015 - 7/16/2015	<.100	8.20	7.19	1082.0
7/22/2015 - 8/5/2015	<.100	8.60	7.50	1006.0
9/2/2015 - 9/3/2015	<.100	8.20	7.20	1080.0
10/5/2015 - 10/6/2015	<.100	7.90	7.75	1014.0
11/4/2015 - 11/5/2015	<.100	8.70	7.06	960.0
12/3/2015 - 12/4/2015	<.100	10.00	7.06	586.0
1/5/2016 - 1/8/2016	<.100	9.60	6.90	575.0

\* - 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)
2/3/2016 - 2/11/2016	<.100	9.20	7.24	589.0
3/2/2016 - 3/3/2016	<.100	9.10	7.55	585.0
4/5/2016 - 4/6/2016	<.100	9.50	7.28	586.0
5/11/2016 - 5/12/2016	<.100	8.20	6.94	564.0
6/1/2016 - 6/2/2016	<.100	9.60	7.38	580.0
7/19/2016 - 7/22/2016	<.100	9.20	7.39	521.0
8/10/2016 - 8/11/2016	<.100	8.60	8.47	513.0
9/6/2016 - 9/7/2016	<.100	9.90	7.40	487.0
10/5/2016 - 10/7/2016	<.100	8.80	7.40	484.0
11/2/2016 - 11/3/2016	<.100	9.70	6.85	480.0
12/1/2016 - 12/2/2016	<.100	9.30	7.60	690.0
1/10/2017 - 1/13/2017	<.100	9.90	5.08	674.0
2/7/2017 - 2/8/2017	<.100	9.50	6.27	483.0
3/1/2017 - 3/3/2017	<.100	8.50	6.47	651.0
4/4/2017 - 4/6/2017	<.100	9.50	6.79	669.0
5/2/2017 - 5/16/2017	<.100	9.60	6.69	745.0
6/6/2017 - 6/7/2017	<.100	9.90	6.76	717.0
7/18/2017 - 8/1/2017	.420 *	10.00 *	6.62 *	514.0 *
8/1/2017 - 8/2/2017	.530	10.00	6.77	493.0
9/5/2017 - 9/6/2017	.390	10.00	6.68	501.0
10/5/2017 - 10/9/2017	.170	9.90	6.23	772.0
11/1/2017 - 11/2/2017	.250	9.60	6.69	710.0
1/23/2018 - 1/26/2018	.160	10.00	6.49	809.0
2/21/2018 - 2/23/2018	.120	9.10	6.44	837.0
3/19/2018 - 3/22/2018	.250	9.50	6.57	671.0
4/9/2018 - 4/11/2018	.110	8.90	6.45	775.0
6/4/2018 - 6/6/2018	.270	9.60	6.54	678.0
6/21/2018			6.60	792.0
7/10/2018 - 7/18/2018	.220	8.70	6.51	943.0
7/18/2018 - 8/1/2018	.180	9.80	6.45	919.0
8/1/2018 - 8/2/2018	.180	9.80	6.45	919.0
9/4/2018 - 9/6/2018	.190	11.00	6.41	1043.0
10/1/2018 - 10/4/2018	.240	8.80	6.37 *	1032.0 *
11/6/2018 - 11/8/2018	.270	7.60	6.34	984.0
12/4/2018 - 12/5/2018	.270	8.90	6.45	951.0
1/2/2019 - 1/7/2019	.230	8.90	6.39	809.0
2/4/2019 - 2/6/2019	.270	10.00	6.54	676.0
3/4/2019 - 3/6/2019	.350	7.90	6.55	737.0
4/2/2019 - 4/3/2019	.400	9.70	6.47	840.0
5/1/2019 - 5/9/2019	.330	8.40	6.53	750.0
6/3/2019 - 6/5/2019	.400	10.00	6.31	764.0
6/5/2019 - 6/18/2019	.400	10.00	6.31	764.0
7/8/2019 - 7/11/2019	.500	8.40 *	6.69 *	823.0 *
8/5/2019 - 8/8/2019	.320	7.60	6.68	814.0
9/3/2019 - 9/5/2019	.280	9.00	6.68	755.0
9/30/2019 - 10/3/2019	.320	9.40	6.99	622.0
11/5/2019 - 11/6/2019	.580	9.70	6.68	708.0
12/2/2019 - 12/12/2019	.510	9.30	6.67	649.3
1/13/2020 - 1/24/2020	.586	9.66	6.55	503.2
1/24/2020 - 2/4/2020	.425	9.80	6.70	686.0
3/2/2020 - 3/4/2020	.373	9.95	6.72	685.0
4/1/2020 - 4/3/2020	.395	9.78	6.65 *	595.0 *
5/4/2020 - 5/5/2020	.551	9.59	6.62	605.0
6/1/2020 - 6/3/2020	.380	9.84	6.81	567.0
7/6/2020 - 7/9/2020	.256 *	9.38 *	6.79 *	529.4 *

\* - 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)
8/3/2020	.407	9.96	6.75	625.0
9/1/2020 - 9/14/2020	.186	9.37	6.87	552.1
10/5/2020 - 10/7/2020	.422	11.20	6.84	499.4
11/2/2020 - 11/5/2020	.321	9.38	6.81	539.7
12/1/2020 - 12/4/2020	.350	9.35	6.69	619.2
1/13/2021 - 1/18/2021	.173 *	9.34 *	6.36 *	403.5 *
2/9/2021 - 2/11/2021	.460	9.47	6.81	684.0
3/2/2021 - 3/3/2021	.228	9.09	6.66	697.0
4/6/2021 - 4/9/2021	.172	9.99	6.84	649.0
5/4/2021 - 5/5/2021	<.100	8.99	6.80	638.0
6/1/2021 - 6/2/2021	<.100	9.18	6.67	624.0
7/1/2021 - 7/9/2021	.148 *	9.59 *	6.77 *	632.0 *
8/3/2021 - 8/4/2021	<.100	9.69	6.88	624.0
9/1/2021 - 9/2/2021	<.100	9.70	6.82	624.0
10/4/2021 - 10/7/2021	<.100	9.37	6.87 *	609.0 *
11/1/2021 - 11/2/2021	<.100	9.15	6.76	613.0
12/8/2021 - 12/9/2021	<.100	8.67	6.84	590.0
1/12/2022 - 1/19/2022	<.100	9.60 *	6.86 *	611.0 *
2/9/2022 - 2/10/2022	<.100	9.66	6.89	625.0
3/1/2022 - 3/5/2022	<.100	9.54	6.82	632.0
4/4/2022 - 4/6/2022	<.100	9.60	6.73	638.0
5/6/2022 - 5/7/2022	<.100	9.80	6.75	683.0
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

\* - 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 - 8/1/2006	<.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 *
1/26/2007 - 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 - 7/12/2007	<.100 *	25.00 *	6.85 *	517.0 *
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 *
2/4/2010 - 2/17/2010	.085	25.00	6.95	428.0
2/17/2010 - 3/3/2010	.061 *	25.50 *	6.88 *	442.5 *
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
7/27/2012 - 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 - 2/5/2013	<.100 *	36.00 *	7.01 *	525.0 *
3/5/2013	<.100 *	35.00 *	6.95 *	594.0 *
4/30/2013 - 5/2/2013	<.100	9.90	7.09	298.0
6/4/2013 - 6/5/2013	<.100	6.60	6.72	294.0
7/15/2013 - 7/17/2013	<.100	14.00	6.85	420.0
7/30/2013 - 8/9/2013	<.100	22.00	7.00	471.0
9/10/2013 - 9/11/2013	<.100	20.00	6.88	449.0
10/1/2013 - 10/2/2013	<.100	26.00	7.23	518.0
11/6/2013	<.100	25.00	6.80	507.0
12/2/2013 - 12/3/2013	<.100	29.00	6.90	515.0
1/22/2014 - 1/30/2014	<.100	24.00	6.75	477.0
1/30/2014 - 2/13/2014	<.100	26.00	6.99	500.0
3/11/2014 - 3/12/2014	<.100	28.00	7.12	1008.0
4/2/2014 - 4/3/2014	.180	27.00	7.69	1038.0
5/7/2014	<.100	25.00	7.07	775.0
6/3/2014	<.100	27.00	7.00	526.0
7/8/2014 - 7/18/2014	<.100	28.00	7.10	412.0
8/5/2014 - 8/6/2014	<.100	29.00	7.05	553.0
9/4/2014 - 9/5/2014	<.100	29.00	6.97	546.0
10/8/2014 - 10/9/2014	<.100	30.00	7.23	552.0
10/9/2014 - 10/23/2014	<.100	30.00	7.23	552.0
10/23/2014 - 11/3/2014	<.100	30.00	6.85	526.0
1/14/2015 - 1/15/2015	<.100	28.00	5.67	534.0
2/10/2015 - 2/13/2015	<.100	29.00	6.99	564.0
3/3/2015	<.100	29.00	7.03	513.0
4/1/2015 - 4/2/2015	<.100	24.00	6.83	545.0
5/6/2015 - 5/7/2015	<.100	27.00	7.07	864.0
6/2/2015 - 6/5/2015	<.100	27.00	7.36	957.0
7/7/2015 - 7/16/2015	.140	14.00	7.37	810.0
7/16/2015 - 7/22/2015	.140	14.00	7.37	810.0
7/22/2015 - 8/5/2015	<.100	6.90	8.34	362.0
9/2/2015 - 9/3/2015	<.100	7.30	8.25	461.0
10/5/2015 - 10/6/2015	<.100	13.00	8.47	767.0

\* - 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 - 5/16/2017	<.100	13.00	7.15	460.0
6/6/2017 - 6/7/2017	<.100	11.00	7.40	346.0
7/18/2017 - 8/1/2017	<.100 *	16.00 *	6.91 *	465.0 *
8/1/2017 - 8/2/2017	<.100	17.00	6.96	490.0
9/5/2017 - 9/6/2017	<.100	16.00	6.70	402.0
10/5/2017 - 10/9/2017	<.100	19.00	6.67	572.0
11/1/2017 - 11/2/2017	<.100	18.00	6.93	571.0
1/23/2018 - 1/26/2018	<.100	26.00	6.70	592.5
2/21/2018 - 2/23/2018	<.100	23.00	6.77	669.0
3/19/2018 - 3/22/2018	<.100	16.00	6.66	531.3
4/9/2018 - 4/11/2018	<.100	13.00	6.82	521.2
6/4/2018 - 6/6/2018	<.100	15.00	6.91	504.9
7/10/2018 - 7/18/2018	<.100	18.00	6.65	559.0
7/18/2018 - 8/1/2018	<.100	18.00	6.64	503.0
8/1/2018 - 8/2/2018	<.100	18.00	6.64	503.0
9/4/2018 - 9/6/2018	<.100	21.00	6.37	577.0
10/1/2018 - 10/4/2018	<.100	19.00	6.70	594.0
11/6/2018 - 11/8/2018	<.100	17.00	6.68	577.6
12/4/2018 - 12/5/2018	<.100	21.00	6.79	587.6
1/2/2019 - 1/7/2019	<.100	20.00	6.17	536.0
2/4/2019 - 2/6/2019	<.100	14.00	6.77	484.3
3/4/2019 - 3/6/2019	<.100	12.00	6.32	350.0
4/2/2019 - 4/3/2019	<.100	14.00	6.75	474.6
5/1/2019 - 5/9/2019	<.100	11.00	7.50	445.2
6/3/2019 - 6/5/2019	<.100	9.10	6.84	3713.0
6/5/2019 - 6/18/2019	<.100	9.10	6.84	3713.0
7/8/2019 - 7/11/2019	<.100 *	9.40 *	6.61 *	407.9 *
8/5/2019 - 8/8/2019	<.100	7.50	7.71	402.7
9/3/2019 - 9/5/2019	<.100	9.30	7.48	401.6
9/30/2019 - 10/3/2019	<.100	11.00	6.99	418.6
11/5/2019 - 11/6/2019	<.100	9.60	6.45	370.8
12/2/2019 - 12/12/2019	<.100	8.00	6.54	279.6
1/13/2020 - 1/24/2020	<.100	8.25	6.34	243.4
1/24/2020 - 2/4/2020	<1.000	6.75	6.09	208.6
3/2/2020 - 3/4/2020	<.100	7.80	6.51	342.5
4/1/2020 - 4/3/2020	<.100	6.62	6.63	355.7
5/4/2020 - 5/5/2020	<.100	6.65	6.23	381.3

\* - 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)
6/1/2020 - 6/3/2020	<.100	6.53	6.42	493.3
7/6/2020 - 7/9/2020	<.100 *	6.37 *	6.53 *	456.6 *
8/3/2020	<.100	7.65	6.14	273.6
9/1/2020 - 9/14/2020	<.100	7.09	6.15	269.0
10/5/2020 - 10/7/2020	<.100	6.64	5.65	140.0
11/2/2020 - 11/5/2020	<.100	5.88	6.16	180.6
12/1/2020 - 12/4/2020	<.100	5.76	6.07	214.1
1/13/2021 - 1/18/2021	<.100 *	6.24 *	6.05 *	270.5 *
2/9/2021 - 2/11/2021	<.100	5.88	5.85	147.8
3/2/2021 - 3/3/2021	<.100	5.38	5.59	146.0
4/6/2021 - 4/9/2021	<.100	5.60	5.44 *	112.0 *
5/4/2021 - 5/5/2021	<.100	5.91	5.98	281.0
6/1/2021 - 6/2/2021	<.100	6.07	5.59	169.0
7/1/2021 - 7/9/2021	<.100 *	5.83 *	5.68 *	173.0 *
8/3/2021 - 8/4/2021	<.100	5.38	5.52	130.0
9/1/2021 - 9/2/2021	<.100	5.10	5.43	118.0
10/4/2021 - 10/7/2021	<.100	4.62	5.67	137.0
11/1/2021 - 11/2/2021	<.100	11.80	6.56	584.0
12/8/2021 - 12/9/2021	<.100	4.35	5.54	117.0
1/12/2022 - 1/19/2022	<.100	5.81 *	5.72 *	160.0 *
2/9/2022 - 2/10/2022	<.100	5.21	5.61	134.0
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

\* - 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 - 8/1/2006	.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 *
1/26/2007 - 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 - 7/12/2007	<.100 *	12.00 *	7.05 *	470.0 *
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 *
2/4/2010 - 2/17/2010	.088	16.00	7.07	405.0
2/17/2010 - 3/3/2010	.058 *	16.50 *	7.07 *	418.0 *
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
7/27/2012 - 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
1/30/2014 - 2/13/2014	<.100	15.00	7.28	403.0
3/11/2014 - 3/12/2014	<.100	16.00	7.49	772.0
4/2/2014 - 4/3/2014	.240	16.00	7.50	824.0
5/7/2014	<.100	10.00	7.40	735.0
6/3/2014	<.100	16.00	7.15	409.0
7/8/2014 - 7/18/2014	<.100	15.00	7.49	403.0
8/5/2014 - 8/6/2014	<.100	13.00	7.26	420.0
9/4/2014 - 9/5/2014	<.100	12.00	7.05	411.0
10/8/2014 - 10/9/2014	<.100	12.00	7.67	422.0
10/9/2014 - 10/23/2014	<.100	12.00	7.67	422.0
10/23/2014 - 11/3/2014	<.100	14.00	7.17	430.0
1/14/2015 - 1/15/2015	<.100	12.00	5.95	455.0
2/10/2015 - 2/13/2015	<.100	17.00	7.20	500.0
3/3/2015	<.100	12.00	7.09	459.0
4/1/2015 - 4/2/2015	<.100	10.00	7.11	468.0
5/6/2015 - 5/7/2015	<.100	12.00	7.15	719.0
6/2/2015 - 6/5/2015	<.100	8.40	7.80	690.0
7/7/2015 - 7/16/2015	<.100	12.00	7.27	721.0
7/22/2015 - 8/5/2015	<.100	7.40	7.74	733.0
9/2/2015 - 9/3/2015	<.100	7.50	7.55	743.0
10/5/2015 - 10/6/2015	<.100	8.70	7.91	712.0
11/4/2015 - 11/5/2015	<.100	10.00	7.57	691.0
12/3/2015 - 12/4/2015	<.100	9.20	7.87	430.0
1/5/2016 - 1/8/2016	<.100	8.00	7.21	381.0
2/3/2016 - 2/11/2016	<.100	7.30	7.98	378.0
3/2/2016 - 3/3/2016	<.100	6.90	7.90	382.0
4/5/2016 - 4/6/2016	<.100	9.50	7.78	907.0
5/11/2016 - 5/12/2016	<.100	8.10	7.58	388.0

\* - 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)
6/1/2016 - 6/2/2016	<.100	11.00	7.90	419.0
7/19/2016 - 7/22/2016	<.100	12.00	7.43	398.0
8/10/2016 - 8/11/2016	<.100	11.00	8.15	390.0
9/6/2016 - 9/7/2016	<.100	16.00	7.18	392.0
10/5/2016 - 10/7/2016	<.100	14.00	7.10	389.0
11/2/2016 - 11/3/2016	<.100	16.00	7.20	385.0
12/1/2016 - 12/2/2016	<.100	17.00	7.91	496.0
1/10/2017 - 1/13/2017	<.100	19.00	6.19	465.0
2/7/2017 - 2/8/2017	<.100	17.00	6.39	435.0
3/1/2017 - 3/3/2017	<.100	18.00	6.39	460.0
4/4/2017 - 4/6/2017	<.100	16.00	7.16	501.0
5/2/2017 - 5/16/2017	<.100	11.00	7.13 *	427.0 *
6/6/2017 - 6/7/2017	<.100	11.00	7.16	431.0
7/18/2017 - 8/1/2017	<.100 *	13.50 *	7.10 *	463.5 *
8/1/2017 - 8/2/2017	<.100	14.00	7.16	427.0
9/5/2017 - 9/6/2017	<.100	13.00	7.12	449.0
10/5/2017 - 10/9/2017	<.100	14.00	6.71	555.0
11/1/2017 - 11/2/2017	<.100	14.00	6.95	531.0
1/23/2018 - 1/26/2018	<.100	19.00	6.63	521.4
2/21/2018 - 2/23/2018	<.100	16.00	6.71	562.6
3/19/2018 - 3/22/2018	<.100	16.00	6.56	509.7
4/9/2018 - 4/11/2018	<.100	13.00	6.69	519.7
6/4/2018 - 6/6/2018	<.100	14.00	7.07	515.0
7/10/2018 - 7/18/2018	<.100	15.00	6.51	572.9
7/18/2018 - 8/1/2018	<.100	15.00	6.72	509.0
8/1/2018 - 8/2/2018	<.100	15.00	6.72	509.0
9/4/2018 - 9/6/2018	<.100	18.00	6.41	567.0
10/1/2018 - 10/4/2018	<.100	15.00	6.71	564.2
11/6/2018 - 11/8/2018	<.100	16.00	6.65	540.7
12/4/2018 - 12/5/2018	<.100	15.00	6.81	553.7
1/2/2019 - 1/7/2019	<.100	14.00	6.25	485.0
2/4/2019 - 2/6/2019	<.100	13.00	6.84	478.2
3/4/2019 - 3/6/2019	<.100	9.70	6.53	320.0
4/2/2019 - 4/3/2019	<.100	14.00	6.49 *	548.2 *
5/1/2019 - 5/9/2019	<.100	11.00	7.18	504.9
6/3/2019 - 6/5/2019	<.100	8.20	6.88	443.5
6/5/2019 - 6/18/2019	<.100	8.20	6.88	443.5
7/8/2019 - 7/11/2019	<.100 *	11.00 *	7.10 *	452.1 *
8/5/2019 - 8/8/2019	<.100	9.60	7.54	532.7
9/3/2019 - 9/5/2019	<.100	12.00	8.01	518.1
9/30/2019 - 10/3/2019	<.100	11.00	7.02	466.7
11/5/2019 - 11/6/2019	<.100	13.00	6.71	547.3
12/2/2019 - 12/12/2019	<.100	7.50	7.38	340.5
1/13/2020 - 1/24/2020	<.100	8.39	7.34	326.7
1/24/2020 - 2/4/2020	<1.000	7.35	7.17	340.2
3/2/2020 - 3/4/2020	<.100	8.24	7.31	355.5
4/1/2020 - 4/3/2020	<.100	6.81	7.40	335.4
5/4/2020 - 5/5/2020	<.100	6.80	7.24	353.3
6/1/2020 - 6/3/2020	<.100	7.66	7.19	371.3
7/6/2020 - 7/9/2020	<.100 *	7.12 *	7.26 *	405.6 *
8/3/2020	<.100	7.51	7.18	334.2
9/1/2020 - 9/14/2020	<.100	6.99	6.98	386.9
10/5/2020 - 10/7/2020	<.100	7.88	6.98	380.4
11/2/2020 - 11/5/2020	<.100	8.08	7.46	369.3
12/1/2020 - 12/4/2020	<.100	6.85	7.20	372.5

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

Table 5

## Analytical Data Summary for LGW-4

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/13/2021 - 1/18/2021	<.100 *	12.00 *	6.26 *	411.4 *
2/9/2021 - 2/11/2021	<.100	7.08	7.27	429.0
3/2/2021 - 3/3/2021	<.100	7.43	6.98	462.0
4/6/2021 - 4/9/2021	<.100	7.27	7.19 *	432.0 *
5/4/2021 - 5/5/2021	<.100	6.80	7.13	434.0
6/1/2021 - 6/2/2021	<.100	7.02	7.09	433.0
7/1/2021 - 7/9/2021	<.100 *	11.00 *	6.86 *	545.0 *
8/3/2021 - 8/4/2021	<.100	7.33	7.13	441.0
9/1/2021 - 9/2/2021	<.100	7.72	7.04	450.0
10/4/2021 - 10/7/2021	<.100	7.04	7.09 *	444.0 *
11/1/2021 - 11/2/2021	<.100	6.85	7.05	454.0
12/8/2021 - 12/9/2021	<.100	6.68	7.03	458.0
1/12/2022 - 1/19/2022	<.100	8.64 *	7.02 *	485.0 *
2/9/2022 - 2/10/2022	<.100	8.38	7.06	491.0
3/1/2022 - 3/5/2022	<.100	8.51	6.97	499.0
4/4/2022 - 4/6/2022	<.100	8.95	6.84	527.0
5/6/2022 - 5/7/2022	<.100	9.30	6.85	570.0
6/2/2022 - 6/3/2022	.305	14.30	6.48	668.0
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

\* - 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 - 8/1/2006	<.100	13.0	7.84 *	365.6 *
8/1/2006 - 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 *
1/26/2007 - 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 - 7/12/2007	<.100 *	12.5 *	7.17 *	473.0 *
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 *
2/4/2010 - 2/17/2010	.088	14.0	7.16	398.0
2/17/2010 - 3/3/2010	.063	14.0	7.08	418.0
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
1/19/2011 - 1/21/2011	<.100	15.0	7.05	432.0

\* - 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)
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
7/27/2012 - 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
1/30/2014 - 2/13/2014	<.100	13.0	6.97	426.0
3/11/2014 - 3/12/2014	<.100	14.0	6.93	884.0
4/2/2014 - 4/3/2014	.740	13.0	6.98	932.0
5/7/2014	<.100	14.0	6.92	863.0
6/3/2014	<.100	14.0	6.84	494.0
7/8/2014 - 7/18/2014	<.100	13.0	7.07	573.0
8/5/2014 - 8/6/2014	<.100	13.0	7.23	530.0
9/4/2014 - 9/5/2014	<.100	11.0	6.91	486.0
10/8/2014 - 10/9/2014	<.100	10.0	7.28	455.0
10/9/2014 - 10/23/2014	<.100	10.0	7.28	455.0
10/23/2014 - 11/3/2014	<.100	9.9	7.26	472.0
1/14/2015 - 1/15/2015	<.100	9.1	5.78	490.0
2/10/2015 - 2/13/2015	<.100	13.0	6.68	720.0
3/3/2015	<.100	8.7	6.98	468.0
4/1/2015 - 4/2/2015	<.100	15.0	6.51	595.0
5/6/2015 - 5/7/2015	<.100	16.0	6.76	942.0
6/2/2015 - 6/5/2015	<.100	15.0	6.36	1095.0
7/7/2015 - 7/16/2015	<.100	14.0	6.84	927.0
7/22/2015 - 8/5/2015	<.100	12.0	7.10	910.0
9/2/2015 - 9/3/2015	<.100	12.0	7.56	912.0
10/5/2015 - 10/6/2015	<.100	13.0	7.61	852.0
11/4/2015 - 11/5/2015	<.100	16.0	7.18	817.0
12/3/2015 - 12/4/2015	<.100	16.0	7.31	533.0
1/5/2016 - 1/8/2016	<.100	14.0	7.07	531.0
2/3/2016 - 2/11/2016	<.100	13.0	7.51	513.0

\* - 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
5/2/2017 - 5/16/2017	<.100	17.0	6.77	598.0
6/6/2017 - 6/7/2017	<.100	16.0	7.09	520.0
7/18/2017 - 8/1/2017	<.100 *	16.0 *	6.96 *	546.0 *
8/1/2017 - 8/2/2017	<.100	16.0	7.20	525.0
9/5/2017 - 9/6/2017	<.100	16.0	6.88	521.0
10/5/2017 - 10/9/2017	<.100	16.0	7.22	599.0
11/1/2017 - 11/2/2017	<.100	17.0	6.76	623.0
1/23/2018 - 1/26/2018	<.100	18.0	6.54	532.4
2/21/2018 - 2/23/2018	<.100	15.0	6.56	551.6
3/19/2018 - 3/22/2018	<.100	17.0	6.54	556.7
4/9/2018 - 4/11/2018	<.100	14.0	6.58	543.4
6/4/2018 - 6/6/2018	<.100	16.0	7.50	550.1
7/10/2018 - 7/18/2018	<.100	15.0	6.23	604.0
7/18/2018 - 8/1/2018	<.100	16.0	6.42	549.0
8/1/2018 - 8/2/2018	<.100	16.0	6.42	549.0
9/4/2018 - 9/6/2018	<.100	18.0	6.49	624.0
10/1/2018 - 10/4/2018	<.100	16.0	6.53	594.0
11/6/2018 - 11/8/2018	<.100	14.0	6.49	558.1
12/4/2018 - 12/5/2018	<.100	16.0	6.61	575.5
1/2/2019 - 1/7/2019	<.100	16.0	6.08	515.0
2/4/2019 - 2/6/2019	<.100	16.0	6.56	514.7
3/4/2019 - 3/6/2019	<.100	13.0	5.85	523.0
4/2/2019 - 4/3/2019	<.100	16.0	6.30 *	602.0 *
5/1/2019 - 5/9/2019	<.100	14.0	6.66	577.0
6/3/2019 - 6/5/2019	<.100	12.0	6.50	573.0
7/8/2019 - 7/11/2019	<.100 *	14.0 *	6.66 *	605.0 *
8/5/2019 - 8/8/2019	<.100	12.0	7.32	609.0
9/3/2019 - 9/5/2019	<.100	15.0	7.51	581.0
9/30/2019 - 10/3/2019	<.100	16.0	6.85	581.0
11/5/2019 - 11/6/2019	<.100	15.0	6.49	603.0
12/2/2019 - 12/12/2019	<.100	16.0	6.62	499.0
1/13/2020 - 1/24/2020	<.100	15.5	6.54	502.7
1/24/2020 - 2/4/2020	<1.000	15.7	6.57	500.6
3/2/2020 - 3/4/2020	<.100	15.3	6.53	546.8
4/1/2020 - 4/3/2020	<.100	15.1	6.57	524.5
5/4/2020 - 5/5/2020	<.100	14.0	6.09	556.0
6/1/2020 - 6/3/2020	<.100	14.9	6.41	529.8
7/6/2020 - 7/9/2020	<.100 *	15.2 *	6.44 *	637.0 *
8/3/2020	<.100	15.5	6.41	518.9
9/1/2020 - 9/14/2020	<.100	16.1	6.44	577.0
10/5/2020 - 10/7/2020	<.100	16.4	6.40 *	601.0 *

\* - 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

\* - 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 - 8/1/2006	<.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 *
1/26/2007 - 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 - 7/12/2007	<.100 *	12.5 *	6.77 *	433.5 *
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 *
2/4/2010 - 2/17/2010	.085	11.0	6.98	381.0
2/17/2010 - 3/3/2010	<.100	12.0	6.99	396.0
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
7/27/2012 - 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 - 2/5/2013	<.100 *	13.0 *	7.19 *	432.5 *
3/5/2013	<.100 *	13.0 *	7.18 *	445.0 *
4/30/2013 - 5/2/2013	<.100	13.0	7.11	454.0
6/4/2013 - 6/5/2013	<.100	13.0	7.02	470.0
7/15/2013 - 7/17/2013	<.100	13.0	6.95	423.0
7/30/2013 - 8/9/2013	<.100	13.0	7.10	417.0
9/10/2013 - 9/11/2013	<.100	13.0	7.08	417.0
10/1/2013 - 10/2/2013	<.100	13.0	7.38	455.0
11/6/2013	<.100	13.0	7.20	454.0
12/2/2013 - 12/3/2013	<.100	13.0	6.91	432.0
1/22/2014 - 1/30/2014	<.100	13.0	6.83	415.0
1/30/2014 - 2/13/2014	<.100	12.0	7.19	417.0
3/11/2014 - 3/12/2014	<.100	13.0	7.36	896.0
4/2/2014 - 4/3/2014	.260	12.0	7.35	950.0
5/7/2014	<.100	13.0	7.19	815.0
6/3/2014	<.100	12.0	7.05	438.0
7/8/2014 - 7/18/2014	<.100	12.0	7.28	352.0
8/5/2014 - 8/6/2014	<.100	13.0	7.42	487.0
9/4/2014 - 9/5/2014	<.100	13.0	7.23	462.0
10/8/2014 - 10/9/2014	<.100	13.0	7.48	478.0
10/9/2014 - 10/23/2014	<.100	13.0	7.48	478.0
10/23/2014 - 11/3/2014	<.100	13.0	7.37	456.0
1/14/2015 - 1/15/2015	<.100	13.0	5.73	480.0
2/10/2015 - 2/13/2015	<.100	13.0	6.97	489.0
3/3/2015	<.100	13.0	7.25	473.0
4/1/2015 - 4/2/2015	<.100	12.0	6.96	500.0
5/6/2015 - 5/7/2015	<.100	13.0	7.20	775.0
6/2/2015 - 6/5/2015	<.100	13.0	7.44	803.0
7/16/2015 - 7/22/2015	<.100	11.0	7.14	892.0
7/22/2015 - 8/5/2015	<.100 *	11.5 *	7.26 *	885.5 *
9/2/2015 - 9/3/2015	<.100	11.0	7.67	907.0
10/5/2015 - 10/6/2015	<.100	11.0	8.33	845.0
11/4/2015 - 11/5/2015	<.100	12.0	7.21	823.0

\* - 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 - 5/16/2017	<.100 *	13.5 *	6.95 *	638.0 *
6/6/2017 - 6/7/2017	<.100	13.0	6.90	531.0
7/18/2017 - 8/1/2017	<.100 *	13.5 *	6.92 *	493.0 *
8/1/2017 - 8/2/2017	<.100	13.0	7.22	520.0
9/5/2017 - 9/6/2017	<.100	15.0	6.50	517.0
10/5/2017 - 10/9/2017	<.100	14.0	6.67	641.0
11/1/2017 - 11/2/2017	<.100	14.0	6.71	636.0
1/23/2018 - 1/26/2018	<.100	16.0	6.54	572.8
2/21/2018 - 2/23/2018	<.100	13.0	6.82	629.0
3/19/2018 - 3/22/2018	<.100	15.0	6.58	593.3
4/9/2018 - 4/11/2018	<.100 *	14.0 *	6.54 *	578.0 *
6/4/2018 - 6/6/2018	<.100	15.0	6.88 *	597.0 *
7/10/2018 - 7/18/2018	<.100	14.0	6.57	631.0
7/18/2018 - 8/1/2018	<.100	15.0	6.41	612.0
8/1/2018 - 8/2/2018	<.100	15.0	6.41	612.0
9/4/2018 - 9/6/2018	<.100	17.0	6.29	652.0
10/1/2018 - 10/4/2018	<.100 *	14.0 *	6.18 *	664.0 *
11/6/2018 - 11/8/2018	<.100	12.0	6.54	634.0
12/4/2018 - 12/5/2018	<.100	14.0	6.59	642.0
1/2/2019 - 1/7/2019	<.100	13.0	6.43	550.0
2/4/2019 - 2/6/2019	<.100	14.0	6.54	567.9
3/4/2019 - 3/6/2019	<.100	13.0	6.21	406.0
4/2/2019 - 4/3/2019	<.100	14.0	6.43	665.0
5/1/2019 - 5/9/2019	<.100	12.0	6.76	586.2
6/3/2019 - 6/5/2019	<.100	11.0	6.40	633.0
7/8/2019 - 7/11/2019	<.100 *	14.0 *	6.44 *	701.0 *
8/5/2019 - 8/8/2019	<.100	11.0	6.31	631.0
9/3/2019 - 9/5/2019	<.100	14.0	6.35	642.0
9/30/2019 - 10/3/2019	<.100 *	14.5 *	6.65 *	652.0 *
11/5/2019 - 11/6/2019	<.100	13.0	6.53	671.0
12/2/2019 - 12/12/2019	<.100	14.0	6.69	584.5
1/13/2020 - 1/24/2020	<.100	13.4	6.21	547.2
1/24/2020 - 2/4/2020	<1.000	13.7	6.54	558.3
3/2/2020 - 3/4/2020	<.100	13.1	6.52	575.9
4/1/2020 - 4/3/2020	<.100	12.8	6.46 *	600.6 *
5/4/2020 - 5/5/2020	<.100	11.7	6.42	596.2
6/1/2020 - 6/3/2020	<.100	12.5	6.42	602.0
7/6/2020 - 7/9/2020	<.100 *	12.0 *	6.43 *	687.0 *

\* - 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)
8/3/2020	<.100	12.0	6.45	548.3
9/1/2020 - 9/14/2020	<.100	12.1	6.43	657.0
10/5/2020 - 10/7/2020	<.100	12.3 *	6.46 *	567.4 *
11/2/2020 - 11/5/2020	<.100	12.2	6.58	604.1
12/1/2020 - 12/4/2020	<.100	12.1	6.44	637.0
1/13/2021 - 1/18/2021	<.100 *	12.2 *	6.17	463.4
2/9/2021 - 2/11/2021	<.100	12.5	6.60	716.0
3/2/2021 - 3/3/2021	<.100	12.1	6.41	716.0
4/6/2021 - 4/9/2021	<.100	12.2	6.49 *	707.0 *
5/4/2021 - 5/5/2021	<.100	12.0	6.35	726.0
6/1/2021 - 6/2/2021	<.100	12.3	6.37	731.0
7/1/2021 - 7/9/2021	<.100 *	12.1 *	6.50 *	734.0 *
8/3/2021 - 8/4/2021	<.100	11.8	6.48	709.0
9/1/2021 - 9/2/2021	<.100	12.5	6.44	715.0
10/4/2021 - 10/7/2021	<.100	12.6 *	6.50 *	701.0 *
11/1/2021 - 11/2/2021	<.100	11.6	6.42	709.0
12/8/2021 - 12/9/2021	<.100	11.0	6.47	695.0
1/12/2022 - 1/19/2022	<.100	12.6 *	6.50 *	710.0 *
2/9/2022 - 2/10/2022	<.100	12.7	6.51	725.0
3/1/2022 - 3/5/2022	<.100	12.6	6.46	718.0
4/4/2022 - 4/6/2022	<.100	12.8	6.42 *	730.0 *
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

\* - 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 - 8/1/2006	<.100	13.0	7.84 *	357.2 *
8/1/2006 - 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 *
1/26/2007 - 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 - 7/12/2007	<.100 *	10.5 *	7.01 *	412.0 *
7/12/2007 - 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
2/4/2010 - 2/17/2010	.150	10.0	6.91	361.0
2/17/2010 - 3/3/2010	<.100	9.8	6.82	364.0
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
7/27/2012 - 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
1/30/2014 - 2/13/2014	<.100	11.0	6.60	446.0
3/11/2014 - 3/12/2014	<.100	12.0	7.09	891.0
4/2/2014 - 4/3/2014	.380	12.0	6.83	909.0
5/7/2014	<.100	12.0	7.25	842.0
6/3/2014	<.100	12.0	6.74	466.0
7/8/2014 - 7/18/2014	<.100	12.0	7.22	462.0
8/5/2014 - 8/6/2014	<.100	12.0	6.79	501.0
9/4/2014 - 9/5/2014	<.100	12.0	7.13	470.0
10/8/2014 - 10/9/2014	<.100	12.0	7.11	511.0
10/9/2014 - 10/23/2014	<.100	12.0	7.11	511.0
10/23/2014 - 11/3/2014	<.100	12.0	7.22	497.0
1/14/2015 - 1/15/2015	<.100	13.0	5.60	515.0
2/10/2015 - 2/13/2015	<.100	13.0	6.39	540.0
3/3/2015	<.100	13.0	6.77	511.0
4/1/2015 - 4/2/2015	<.100	13.0	6.56	525.0
5/6/2015 - 5/7/2015	<.100	13.0	6.82	833.0
6/2/2015 - 6/5/2015	<.100	15.0	7.35	816.0
7/16/2015 - 7/22/2015	<.100	14.0	7.29	841.0
7/22/2015 - 8/5/2015	<.100 *	13.0 *	7.34 *	831.0 *
9/2/2015 - 9/3/2015	<.100	11.0	7.98	830.0
10/5/2015 - 10/6/2015	<.100	11.0	7.69	861.0
11/4/2015 - 11/5/2015	<.100	12.0	7.20	840.0
12/3/2015 - 12/4/2015	<.100	14.0	7.31	509.0
1/5/2016 - 1/8/2016	<.100	15.0	7.28	473.0

\* - 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)
2/3/2016 - 2/11/2016	<.100	13.0	7.37 *	501.5 *
3/2/2016 - 3/3/2016	<.100	13.0	7.42	506.0
4/5/2016 - 4/6/2016	<.100	11.0	7.13	514.0
5/11/2016 - 5/12/2016	<.100	11.0	6.84	483.0
6/1/2016 - 6/2/2016	<.100	14.0	7.05	538.0
7/19/2016 - 7/22/2016	<.100	13.0	6.42	453.0
8/10/2016 - 8/11/2016	<.100	10.0	7.51	484.0
9/6/2016 - 9/7/2016	<.100	14.0	6.86 *	471.0 *
10/5/2016 - 10/7/2016	<.100 *	12.5 *	6.98	450.0
11/2/2016 - 11/3/2016	<.100	14.0	6.82	450.0
12/1/2016 - 12/2/2016	<.100	13.0	7.89	400.0
1/10/2017 - 1/13/2017	<.100	13.0	6.20	386.0
2/7/2017 - 2/8/2017	<.100	13.0	7.50	370.0
3/1/2017 - 3/3/2017	<.100	13.0	6.31	466.0
4/4/2017 - 4/6/2017	<.100	13.0	6.94	501.0
5/2/2017 - 5/16/2017	<.100	19.0	6.74	504.0
6/6/2017 - 6/7/2017	<.100	16.0	7.37	399.0
7/18/2017 - 8/1/2017	<.100 *	13.0 *	7.22 *	446.0 *
8/1/2017 - 8/2/2017	<.100	11.0	7.36	419.0
9/5/2017 - 9/6/2017	<.100	14.0	7.31	373.0
10/5/2017 - 10/9/2017	<.100	14.0	7.45	598.0
11/1/2017 - 11/2/2017	<.100	13.0	7.26	458.0
1/23/2018 - 1/26/2018	<.100	12.0	6.48	549.7
2/21/2018 - 2/23/2018	<.100	12.0	6.70	543.8
3/19/2018 - 3/22/2018	<.100	18.0	6.47	536.1
4/9/2018 - 4/11/2018	<.100 *	16.0 *	6.52 *	531.3 *
6/4/2018 - 6/6/2018	<.100	15.0	6.72 *	532.3 *
7/10/2018 - 7/18/2018	<.100	14.0	6.65	554.0
8/1/2018 - 8/2/2018	<.100	15.0	6.47	6.0
9/4/2018 - 9/6/2018	<.100	18.0	6.31	537.0
10/1/2018 - 10/4/2018	<.100 *	15.0 *	6.44 *	544.9 *
11/6/2018 - 11/8/2018	<.100	12.0	6.48	513.6
12/4/2018 - 12/5/2018	<.100	15.0	6.51	539.0
1/2/2019 - 1/7/2019	<.100	16.0	6.32	463.0
2/4/2019 - 2/6/2019	<.100	17.0	6.40	489.2
3/4/2019 - 3/6/2019	<.100	17.0	5.90	498.0
4/2/2019 - 4/3/2019	<.100	17.0	6.30	562.3
5/1/2019 - 5/9/2019	<.100	13.0	6.90	474.5
6/3/2019 - 6/5/2019	<.100	14.0	6.55	512.9
7/8/2019 - 7/11/2019	<.100 *	17.0 *	6.37 *	569.0 *
8/5/2019 - 8/8/2019	<.100	11.0	7.26	470.2
9/3/2019 - 9/5/2019	<.100	14.0	6.74	510.8
9/30/2019 - 10/3/2019	<.100 *	15.0 *	6.74 *	538.3 *
11/5/2019 - 11/6/2019	<.100	16.0	6.48	565.6
12/2/2019 - 12/12/2019	<.100	16.0	6.71	441.1
1/13/2020 - 1/24/2020	<.100	15.0	6.67	440.3
1/24/2020 - 2/4/2020	<1.000	14.1	6.90	426.4
3/2/2020 - 3/4/2020	<.100	13.8	6.98	449.3
4/1/2020 - 4/3/2020	<.100	14.3	6.64	488.5
5/4/2020 - 5/5/2020	<.100	13.4	6.57	503.0
6/1/2020 - 6/3/2020	<.100	14.1	6.91	471.4
7/6/2020 - 7/9/2020	<.100 *	13.8 *	7.02 *	531.3 *
8/3/2020	<.100	12.8	7.23	401.6
9/1/2020 - 9/14/2020	<.100	13.5	6.94	483.0
10/5/2020 - 10/7/2020	<.100	13.3	6.95	425.7

\* - 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)
11/2/2020 - 11/5/2020	<.100	13.3	7.28	423.5
12/1/2020 - 12/4/2020	<.100	13.8	6.91	470.4
1/13/2021 - 1/18/2021	<.100 *	13.6 *	6.73	352.4
2/9/2021 - 2/11/2021	<.100	13.1	7.17	496.5
3/2/2021 - 3/3/2021	<.100	12.6	7.08	488.0
4/6/2021 - 4/9/2021	<.100	12.9	7.09	491.0
5/4/2021 - 5/5/2021	<.100	13.5	6.62	541.0
6/1/2021 - 6/2/2021	<.100	13.4	6.85	522.0
7/1/2021 - 7/9/2021	<.100 *	14.2 *	6.95 *	541.0 *
8/3/2021 - 8/4/2021	<.100	13.3	6.93	532.0
9/1/2021 - 9/2/2021	<.100	13.1	7.02	504.0
10/4/2021 - 10/7/2021	<.100	13.5 *	6.97 *	526.0 *
11/1/2021 - 11/2/2021	<.100	12.4	6.96	514.0
12/8/2021 - 12/9/2021	<.100	12.1	6.96	517.0
1/12/2022 - 1/19/2022	<.100	13.6 *	6.97 *	511.0 *
2/9/2022 - 2/10/2022	<.100	13.1	7.05	526.0
3/1/2022 - 3/5/2022	<.100	13.8	6.77	558.0
4/4/2022 - 4/6/2022	<.100	14.7	6.64 *	605.0 *
5/6/2022 - 5/7/2022	<.100	15.7	6.39	648.0
6/2/2022 - 6/3/2022	.121	17.5	6.29	714.0
7/9/2022 - 7/13/2022	.182	17.2	6.15	645.0
8/9/2022 - 8/10/2022	<.100	15.0	6.28	613.0
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

\* - 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 - 8/1/2006	<.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 *
1/26/2007 - 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 - 7/12/2007	<.100 *	15.0 *	6.60 *	479.0 *
7/12/2007 - 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
2/4/2010 - 2/17/2010	.093	12.0	7.17	468.0
2/17/2010 - 3/3/2010	.032	12.0	7.00	482.0
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

\* - 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)
9/7/2011 - 9/8/2011	<.100	12.0	7.22	483.0
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
7/27/2012 - 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
1/30/2014 - 2/13/2014	<.100	12.0	7.32	460.0
3/11/2014 - 3/12/2014	<.100	12.0	7.53	918.0
4/2/2014 - 4/3/2014	.130	13.0	7.22	963.0
5/7/2014	<.100	12.0	7.20	891.0
6/3/2014	<.100	13.0	6.95	490.0
7/8/2014 - 7/18/2014	<.100	12.0	7.25	486.0
8/5/2014 - 8/6/2014	<.100	13.0	6.94	495.0
9/4/2014 - 9/5/2014	<.100	12.0	6.86	490.0
10/8/2014 - 10/9/2014	<.100	12.0	7.46	479.0
10/9/2014 - 10/23/2014	<.100	12.0	7.46	479.0
10/23/2014 - 11/3/2014	<.100	13.0	7.48	455.0
1/14/2015 - 1/15/2015	<.100	13.0	5.97	451.0
2/10/2015 - 2/13/2015	<.100	13.0	6.72	515.0
3/3/2015	<.100	13.0	7.08	462.0
4/1/2015 - 4/2/2015	<.100	13.0	7.04	530.0
5/6/2015 - 5/7/2015	<.100	14.0	7.30	738.0
6/2/2015 - 6/5/2015	<.100	12.0	7.66	841.0
7/16/2015 - 7/22/2015	<.100	12.0	7.27	929.0
7/22/2015 - 8/5/2015	<.100 *	12.0 *	7.39 *	922.5 *
9/2/2015 - 9/3/2015	<.100	11.0	7.61	926.0
10/5/2015 - 10/6/2015	<.100	11.0	7.88	874.0
11/4/2015 - 11/5/2015	<.100	13.0	7.23	840.0
12/3/2015 - 12/4/2015	<.100	14.0	7.31	514.0
1/5/2016 - 1/8/2016	<.100	14.0	7.07	497.0
2/3/2016 - 2/11/2016	<.100	13.0	7.92	504.0
3/2/2016 - 3/3/2016	<.100	13.0	7.50	509.0
4/5/2016 - 4/6/2016	<.100	13.0	7.84	522.0
5/11/2016 - 5/12/2016	<.100	11.0	7.30	490.0
6/1/2016 - 6/2/2016	<.100	14.0	7.37	520.0
7/19/2016 - 7/22/2016	<.100	13.0	6.69	443.0
8/10/2016 - 8/11/2016	<.100	12.0	7.68	469.0
9/6/2016 - 9/7/2016	<.100	14.0	7.08	453.0

\* - 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)
10/5/2016 - 10/7/2016	<.100	12.0	6.96	431.0
11/2/2016 - 11/3/2016	<.100	14.0	7.20	405.0
12/1/2016 - 12/2/2016	<.100	14.0	7.81	510.0
1/10/2017 - 1/13/2017	<.100	14.0	5.78	441.0
2/7/2017 - 2/8/2017	<.100	14.0	7.81	420.0
3/1/2017 - 3/3/2017	<.100	14.0	6.21	524.0
4/4/2017 - 4/6/2017	<.100	14.0	7.00	477.0
5/2/2017 - 5/16/2017	<.100	15.0	7.15	530.0
6/6/2017 - 6/7/2017	<.100	15.0	7.18	417.0
7/18/2017 - 8/1/2017	<.100 *	14.0 *	7.14 *	532.5 *
8/1/2017 - 8/2/2017	<.100	13.0	7.26	526.0
9/5/2017 - 9/6/2017	<.100	15.0	7.02	501.0
10/5/2017 - 10/9/2017	<.100	15.0	7.70	518.0
11/1/2017 - 11/2/2017	<.100	15.0	7.02	556.0
1/23/2018 - 1/26/2018	<.100	13.0	6.77	514.0
2/21/2018 - 2/23/2018	<.100	13.0	6.83	530.8
3/19/2018 - 3/22/2018	<.100	15.0	6.78	531.2
4/9/2018 - 4/11/2018	<.100	13.0	6.87	547.9
6/4/2018 - 6/6/2018	<.100	15.0	7.05	556.4
6/21/2018			6.91	588.2
7/10/2018 - 7/18/2018	<.100	14.0	6.52	612.0
8/1/2018 - 8/2/2018	<.100	9.6	6.41	418.0
9/4/2018 - 9/6/2018	<.100	17.0	6.56	595.0
10/1/2018 - 10/4/2018	<.100	15.0	6.84	583.0
11/6/2018 - 11/8/2018	<.100	14.0	6.77	568.2
12/4/2018 - 12/5/2018	<.100	15.0	6.88	590.8
1/2/2019 - 1/7/2019	<.100	14.0	6.64	483.0
2/4/2019 - 2/6/2019	<.100	15.0	6.88	525.2
3/4/2019 - 3/6/2019	<.100	14.0	6.22	542.0
4/2/2019 - 4/3/2019	<.100	15.0	6.74	608.7
5/1/2019 - 5/9/2019	<.100	14.0	7.04	585.0
6/3/2019 - 6/5/2019	<.100	13.0	6.70	581.9
7/8/2019 - 7/11/2019	<.100 *	15.0 *	7.05 *	661.0 *
8/5/2019 - 8/8/2019	<.100	12.0	7.15	583.8
9/3/2019 - 9/5/2019	<.100	15.0	6.65	575.6
9/30/2019 - 10/3/2019	<.100	15.0	6.90	567.7
11/5/2019 - 11/6/2019	<.100	14.0	6.75	601.0
12/2/2019 - 12/12/2019	<.100	16.0	6.91	528.9
1/13/2020 - 1/24/2020	<.100	15.7	6.82	508.5
1/24/2020 - 2/4/2020	<1.000	15.6	6.69	519.8
3/2/2020 - 3/4/2020	<.100	15.4	6.83	523.5
4/1/2020 - 4/3/2020	<.100	15.4	6.74	524.6
5/4/2020 - 5/5/2020	<.100	14.4	6.72	554.9
6/1/2020 - 6/3/2020	<.100	15.7	7.10	530.7
7/6/2020 - 7/9/2020	<.100 *	15.8 *	6.79 *	617.0 *
8/3/2020	<.100	15.9	6.49	518.1
9/1/2020 - 9/14/2020	<.100	16.0	6.61	567.6
10/5/2020 - 10/7/2020	<.100	15.6	6.77	524.5
11/2/2020 - 11/5/2020	<.100	15.7	6.69	539.6
12/1/2020 - 12/4/2020	<.100	15.8	6.57	536.7
1/13/2021 - 1/18/2021	<.100 *	16.4 *	6.35	436.4
2/9/2021 - 2/11/2021	<.100	15.8	6.87	656.0
3/2/2021 - 3/3/2021	<.100	15.5	6.71	673.0
4/6/2021 - 4/9/2021	<.100	15.9	6.79	665.0
5/4/2021 - 5/5/2021	<.100	15.4	6.66	686.0

\* - 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)
6/1/2021 - 6/2/2021	<.100	15.9	6.73	683.0
7/1/2021 - 7/9/2021	<.100 *	16.3 *	6.74 *	686.0 *
8/3/2021 - 8/4/2021	<.100	15.9	6.81	681.0
9/1/2021 - 9/2/2021	<.100	16.2	6.75	687.0
10/4/2021 - 10/7/2021	<.100	15.6	6.80	679.0
11/1/2021 - 11/2/2021	<.100	15.5	6.70	681.0
12/8/2021 - 12/9/2021	<.100	14.6	6.76	673.0
1/12/2022 - 1/19/2022	<.100	16.6 *	6.71 *	682.0 *
2/9/2022 - 2/10/2022	<.100	16.2	6.78	692.0
3/1/2022 - 3/5/2022	<.100	16.5	6.72	695.0
4/4/2022 - 4/6/2022	<.100	16.4	6.63	712.0
5/6/2022 - 5/7/2022	<.100	16.8	6.63	764.0
6/2/2022 - 6/3/2022	<.100	17.2	6.46	816.0
7/9/2022 - 7/13/2022	.145	17.2	6.44	749.0
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

\* - 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 - 8/1/2006	.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 *
1/26/2007 - 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 - 7/12/2007	.099 *	16.5 *	6.60 *	587.5 *
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
2/4/2010 - 2/17/2010	.120	17.0	6.79	578.0
2/17/2010 - 3/3/2010	.039	18.0	6.62	565.0
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
7/27/2012 - 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
1/30/2014 - 2/13/2014	.120	19.0	6.57	541.0
3/11/2014 - 3/12/2014	.120	20.0	6.68	1078.0
4/2/2014 - 4/3/2014	.340	20.0	6.65	1142.0
5/7/2014	.120	20.0	6.82	1019.0
6/3/2014	<.100	21.0	6.59	563.0
7/8/2014 - 7/18/2014	<.100	21.0	6.93	561.0
8/5/2014 - 8/6/2014	.130	21.0	6.23	579.0
9/4/2014 - 9/5/2014	.110	21.0	6.69	590.0
10/8/2014 - 10/9/2014	.130	22.0	6.65	622.0
10/9/2014 - 10/23/2014	.130	22.0	6.65	622.0
10/23/2014 - 11/3/2014	.150	24.0	7.30	622.0
1/14/2015 - 1/15/2015	.170	24.0	5.84	676.0
2/10/2015 - 2/13/2015	.200	25.0	6.32	684.0
3/3/2015	.220	24.0	6.66	666.0
4/1/2015 - 4/2/2015	.200	27.0	6.73	704.0
5/6/2015 - 5/7/2015	.210	29.0	6.25	1047.0
6/2/2015 - 6/5/2015	.210	25.0	6.77	1114.0
7/7/2015 - 7/16/2015	.190	29.0	6.49	1145.0
7/22/2015 - 8/5/2015	.170	31.0	6.46	1116.0
9/2/2015 - 9/3/2015	.160	31.0	6.62	1155.0
10/5/2015 - 10/6/2015	.130	35.0	6.99	1113.0
11/4/2015 - 11/5/2015	.140	42.0	6.69	1093.0
12/3/2015 - 12/4/2015	.130	45.0	6.92	681.0
1/5/2016 - 1/8/2016	.120	52.0	6.84	658.0
2/3/2016 - 2/11/2016	<.100	57.0	7.86	719.0

\* - 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)
3/2/2016 - 3/3/2016	<.100	58.0	7.18	733.0
4/5/2016 - 4/6/2016	<.100	63.0	7.19	759.0
5/11/2016 - 5/12/2016	<.100	58.0	6.68	737.0
6/1/2016 - 6/2/2016	<.100	65.0	6.94	764.0
7/19/2016 - 7/22/2016	<.100	70.0	6.48	699.0
8/10/2016 - 8/11/2016	<.100	68.0	7.38	693.0
9/6/2016 - 9/7/2016	<.100	69.0	6.61 *	657.0 *
10/5/2016 - 10/7/2016	<.100 *	68.0 *	7.01	665.0
11/2/2016 - 11/3/2016	<.100	64.0	6.73	656.0
12/1/2016 - 12/2/2016	<.100	67.0	7.81	827.0
1/10/2017 - 1/13/2017	<.100	60.0	5.39	751.0
2/7/2017 - 2/8/2017	<.100	51.0	7.63	668.0
3/1/2017 - 3/3/2017	<.100	53.0	6.01	825.0
4/4/2017 - 4/6/2017	<.100	49.0	6.66	784.0
5/2/2017 - 5/16/2017	<.100 *	69.5 *	6.52 *	737.5 *
6/6/2017 - 6/7/2017	<.100	72.0	6.86	723.0
7/18/2017 - 8/1/2017	<.100 *	77.0 *	6.82 *	803.5 *
8/1/2017 - 8/2/2017	<.100	76.0	6.98	791.0
9/5/2017 - 9/6/2017	<.100	82.0	7.36	510.0
10/5/2017 - 10/9/2017	<.100	82.0	7.10	942.0
11/1/2017 - 11/2/2017	<.100	80.0	6.61	939.0
1/23/2018 - 1/26/2018	<.100	71.0	6.44	814.0
2/21/2018 - 2/23/2018	<.100	71.0	6.51	869.0
3/19/2018 - 3/22/2018	<.100	78.0	6.42	863.0
4/9/2018 - 4/11/2018	<.100 *	74.0 *	6.45 *	847.0 *
6/4/2018 - 6/6/2018	<.100	72.0	6.37 *	781.0 *
7/10/2018 - 7/18/2018	<.100	66.0	6.44	861.0
8/1/2018 - 8/2/2018	<.100	67.0	6.27	832.0
9/4/2018 - 9/6/2018	<.100	69.0	6.51	934.0
10/1/2018 - 10/4/2018	<.100 *	59.5 *	6.19 *	837.0 *
11/6/2018 - 11/8/2018	<.100	54.0	6.47	804.0
12/4/2018 - 12/5/2018	<.100	56.0	6.47	801.0
1/2/2019 - 1/7/2019	<.100	53.0	6.58	840.0
2/4/2019 - 2/6/2019	<.100	53.0	6.43	682.0
3/4/2019 - 3/6/2019	<.100	52.0	6.16	740.0
4/2/2019 - 4/3/2019	<.100	51.0	6.43	840.0
5/1/2019 - 5/9/2019	<.100	51.0	6.61	677.0
6/3/2019 - 6/5/2019	<.100	52.0	6.42	737.0
7/8/2019 - 7/11/2019	<.100 *	51.0 *	6.52 *	767.0 *
8/5/2019 - 8/8/2019	<.100	40.0	6.41	682.0
9/3/2019 - 9/5/2019	<.100	46.0	6.42	695.0
9/30/2019 - 10/3/2019	<.100 *	45.5 *	6.64 *	712.0 *
11/5/2019 - 11/6/2019	<.100	40.0	6.53	672.0
12/2/2019 - 12/12/2019	<.100	41.0	6.69	567.3
1/13/2020 - 1/24/2020	<.100	38.9	6.05	556.2
1/24/2020 - 2/4/2020	<1.000	38.4	6.59	569.3
3/2/2020 - 3/4/2020	<.100	36.3	6.66	563.8
4/1/2020 - 4/3/2020	<.100	35.5	6.60 *	555.0 *
5/4/2020 - 5/5/2020	<.100	33.6	6.42	591.8
6/1/2020 - 6/3/2020	<.100	33.6	6.48	589.5
7/6/2020 - 7/9/2020	<.100 *	34.4 *	6.58 *	655.0 *
8/3/2020	<.100	35.5	6.55	693.0
9/1/2020 - 9/14/2020	<.100	36.3	6.45	672.0
10/5/2020 - 10/7/2020	<.100	36.3 *	6.55	592.1
11/2/2020 - 11/5/2020	<.100	37.3	6.70	658.0

\* - 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

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

Table 11

## Analytical Data Summary for MW-15

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

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



Table 11

## Analytical Data Summary for MW-15

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/24/2020 - 2/4/2020	<1.00	32.9	6.71	425.7
3/2/2020 - 3/4/2020	<.10	36.1	6.93	563.9
4/1/2020 - 4/3/2020	<.10	32.3	6.58	449.6
5/4/2020 - 5/5/2020	<.10	35.5	6.43	453.2
6/1/2020 - 6/3/2020	<.10	20.6	6.85	591.8
7/6/2020 - 7/9/2020	<.10	36.1	6.86 *	519.5 *
8/3/2020	<.10	40.8 *	6.69 *	641.0 *
9/1/2020 - 9/14/2020	<.10	35.8	6.20	452.6
10/5/2020 - 10/7/2020	<.10	29.6	6.26	397.0
11/2/2020 - 11/5/2020	<.10	23.2	6.76	399.8
12/1/2020 - 12/4/2020	<.10	25.2	6.45	363.2
1/13/2021 - 1/18/2021	<.10 *	26.0 *	6.14 *	317.5 *
2/9/2021 - 2/11/2021	<.10	24.8	6.62	417.0
3/2/2021 - 3/3/2021	<.10	19.6	6.58	384.0
4/6/2021 - 4/9/2021	<.10	27.9	6.52	434.0
5/4/2021 - 5/5/2021	<.10	15.8	6.57	336.0
6/1/2021 - 6/2/2021	<.10	27.1	6.58	493.0
7/1/2021 - 7/9/2021	<.10 *	31.4 *	6.38 *	433.0 *
8/3/2021 - 8/4/2021	<.10	33.2	6.54	453.0
9/1/2021 - 9/2/2021	<.10	35.7	6.46	463.0
10/4/2021 - 10/7/2021	<.10	35.6	6.54 *	478.0 *
11/1/2021 - 11/2/2021	<.10	34.4	6.40	506.0
12/8/2021 - 12/9/2021	<.10	33.5	6.52	493.0
1/12/2022 - 1/19/2022	<.10	35.3 *	6.52 *	495.0 *
2/9/2022 - 2/10/2022	<.10	34.5	6.55	494.0
3/1/2022 - 3/5/2022	<.10	35.6	6.49	489.0
4/4/2022 - 4/6/2022	<.10	36.0	6.39	492.0
5/6/2022 - 5/7/2022	<.10	17.6	6.86	341.0
6/2/2022 - 6/3/2022	<.10	40.9	6.08	540.0
7/9/2022 - 7/13/2022	<.10	39.5	6.07	479.0
8/9/2022 - 8/10/2022	<.10	37.9	6.05	518.0
9/7/2022 - 9/8/2022	<.10	37.8	6.12	527.0
10/5/2022 - 10/7/2022	<.10	35.0	5.77 *	538.0 *
11/2/2022 - 11/3/2022	<.10	34.5	6.35	541.0
12/6/2022 - 12/7/2022	<.10	36.4	6.26	660.0
1/3/2023 - 1/11/2023	<.10	40.5	6.56	532.0
2/3/2023 - 2/4/2023	<.10	38.0	6.45	1046.0
3/1/2023 - 3/2/2023	<.10	39.1	6.24	563.0
4/4/2023 - 4/8/2023	<.10	37.3	6.16	519.0
5/9/2023 - 5/11/2023	<.10	37.2	6.18	494.0
6/7/2023 - 6/8/2023	<.10	37.7	5.81	526.0
7/5/2023 - 7/10/2023	<.10	35.7	6.23	581.0
8/1/2023 - 8/3/2023	<.10	37.6	4.04	576.0
9/1/2023 - 9/2/2023	<.10	36.8	6.52	687.0
10/2/2023 - 10/6/2023	<.10	39.3	6.42	702.0
11/1/2023 - 11/5/2023	<.10	39.9	6.43	815.0
12/6/2023 - 12/8/2023	<.10	39.8	6.40	768.0

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

Table 12

## Analytical Data Summary for MW-16

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

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

Table 12

## Analytical Data Summary for MW-16

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/13/2020 - 1/24/2020	<.10	11.20	7.81	285.6
1/24/2020 - 2/4/2020	<1.00	4.79	7.53	289.1
3/2/2020 - 3/4/2020	<.10	4.55	7.49	295.4
4/1/2020 - 4/3/2020	<.10	4.30	7.30	291.1
5/4/2020 - 5/5/2020	<.10	4.01	7.28	312.1
6/1/2020 - 6/3/2020	<.10	4.14	7.05	335.4
7/6/2020 - 7/9/2020	<.10	4.32	7.34 *	296.3 *
8/3/2020	<.10	4.42 *	7.28 *	349.8 *
9/1/2020 - 9/14/2020	<.10	4.28	7.30	320.6
10/5/2020 - 10/7/2020	<.10	3.94	7.27	293.4
11/2/2020 - 11/5/2020	<.10	3.83	7.48	300.1
12/1/2020 - 12/4/2020	<.10	3.85	7.45	310.5
1/13/2021 - 1/18/2021	<.10 *	4.20 *	7.06 *	256.7 *
2/9/2021 - 2/11/2021	<.10	3.90	7.48	340.2
3/2/2021 - 3/3/2021	<.10	3.85	7.34	348.0
4/6/2021 - 4/9/2021	<.10	3.89	7.39	342.0
5/4/2021 - 5/5/2021	<.10	4.06	7.33	351.0
6/1/2021 - 6/2/2021	<.10	4.24	7.19	352.0
7/1/2021 - 7/9/2021	<.10 *	4.36 *	7.33 *	362.0 *
8/3/2021 - 8/4/2021	<.10	4.27	7.43	352.0
9/1/2021 - 9/2/2021	<.10	4.63	7.38	359.0
10/4/2021 - 10/7/2021	<.10	3.97	7.41	338.0
11/1/2021 - 11/2/2021	<.10	3.72	7.24	342.0
12/8/2021 - 12/9/2021	<.10	3.46	7.39	331.0
1/12/2022 - 1/19/2022	<.10	4.12 *	7.43 *	341.0 *
2/9/2022 - 2/10/2022	<.10	4.33	7.44	349.0
3/1/2022 - 3/5/2022	<.10	3.90	7.36	345.0
4/4/2022 - 4/6/2022	<.10	3.52	7.25	355.0
5/6/2022 - 5/7/2022	<.10	4.10	7.34	378.0
6/2/2022 - 6/3/2022	<.10	4.60	7.04	405.0
7/9/2022 - 7/13/2022	.15	4.70	7.01	380.0
8/9/2022 - 8/10/2022	<.10	4.46	6.88	382.0
9/7/2022 - 9/8/2022	<.10	4.21	6.97	367.0
10/5/2022 - 10/7/2022	<.10	3.81	6.58	357.0
11/2/2022 - 11/3/2022	<.10	3.76	7.19	362.0
12/6/2022 - 12/7/2022	<.10	3.86	7.09	416.0
1/3/2023 - 1/11/2023	<.10	4.59	7.35	344.0
2/3/2023 - 2/4/2023	<.10	4.08	7.13	668.0
3/1/2023 - 3/2/2023	<.10	4.49	6.98	366.0
4/4/2023 - 4/8/2023	<.10	3.80	6.80	341.0
5/9/2023 - 5/11/2023	<.10	4.20	6.95	346.0
6/7/2023 - 6/8/2023	<.10	4.45	6.74	368.0
7/5/2023 - 7/10/2023	<.10	4.08	7.04	380.0
8/1/2023 - 8/3/2023	<.10	4.21	4.87	374.0
9/1/2023 - 9/2/2023	<.10	3.98	7.35	427.0
10/2/2023 - 10/6/2023	<.10	4.05	7.20	449.0
11/1/2023 - 11/5/2023	<.10	3.81	7.21	495.0
12/6/2023 - 12/8/2023	<.10	4.01	7.09	481.0

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

Table 13

## Analytical Data Summary for MW-17

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

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

Table 13

## Analytical Data Summary for MW-17

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/13/2020 - 1/24/2020	<.1	22.90	6.73	289.5
1/24/2020 - 2/4/2020	<1.0	24.20	7.09	471.0
3/2/2020 - 3/4/2020	<.1	23.10	6.42	308.4
4/1/2020 - 4/3/2020	<.1	22.80	6.98	483.7
5/4/2020 - 5/5/2020	<.1	21.60	6.94	515.6
6/1/2020 - 6/3/2020	<.1	22.90	6.97	515.7
7/6/2020 - 7/9/2020	<.1	20.80	7.05 *	559.4 *
8/3/2020	<.1	22.85 *	6.96 *	534.7 *
9/1/2020 - 9/14/2020	<.1	22.60	6.85	528.6
10/5/2020 - 10/7/2020	<.1	15.20	6.94	477.3
11/2/2020 - 11/5/2020	<.1	14.50	7.14	455.7
12/1/2020 - 12/4/2020	<.1	15.20	6.75	327.5
1/13/2021 - 1/18/2021	<.1 *	14.20 *	6.57	295.9
2/9/2021 - 2/11/2021	<.1	15.40	7.19	456.0
3/2/2021 - 3/3/2021	<.1	12.30	6.63	321.0
4/6/2021 - 4/9/2021	<.1	14.90	7.18	454.0
5/4/2021 - 5/5/2021	<.1	14.00	7.13	474.0
6/1/2021 - 6/2/2021	<.1	25.60	6.81	521.0
7/1/2021 - 7/9/2021	<.1 *	35.80 *	6.90 *	540.0 *
8/3/2021 - 8/4/2021	<.1	29.20	7.06	568.0
9/1/2021 - 9/2/2021	<.1	16.90	6.66	349.0
10/4/2021 - 10/7/2021	<.1	21.60	7.07 *	536.0 *
11/1/2021 - 11/2/2021	<.1	17.50	6.96	516.0
12/8/2021 - 12/9/2021	<.1	11.40	7.19	406.0
1/3/2023 - 1/11/2023	<.1	11.00	6.87	272.0
2/3/2023 - 2/4/2023	<.1	8.57	6.65	283.0
3/1/2023 - 3/2/2023	<.1	7.92	6.47	289.0
4/4/2023 - 4/8/2023	<.1	25.10	6.23	436.0
5/9/2023 - 5/11/2023	<.1	12.20	6.18	320.0
6/7/2023 - 6/8/2023	<.1	8.19	6.16	281.0
7/5/2023 - 7/10/2023	<.1	6.95	5.63	282.0
8/1/2023 - 8/3/2023	<.1	7.10	6.07	336.0
9/1/2023 - 9/2/2023	<.1	6.48	6.77	338.0
10/2/2023 - 10/6/2023	<.1	6.63	6.56	315.0
11/1/2023 - 11/5/2023	<.1	6.21	6.58	404.0
12/6/2023 - 12/8/2023	<.1	6.62	6.69	494.0

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

Table 14

## Analytical Data Summary for MW-19

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

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

Table 14

## Analytical Data Summary for MW-19

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/24/2020 - 2/4/2020	<1.00	30.90	6.90	492.4
3/2/2020 - 3/4/2020	<.10	30.90	7.16	445.5
4/1/2020 - 4/3/2020	<.10	35.70	6.89	485.6
5/4/2020 - 5/5/2020	<.10	29.90	7.06	456.3
6/1/2020 - 6/3/2020	<.10	15.60	7.21	383.2
7/6/2020 - 7/9/2020	<.10	26.00	6.91 *	479.0 *
8/3/2020	<.10	23.90 *	7.17 *	506.0 *
9/1/2020 - 9/14/2020	<.10	21.40	7.67	302.8
10/5/2020 - 10/7/2020	<.10	20.00	7.54	320.4
11/2/2020 - 11/5/2020	<.10	19.60	7.19	437.5
12/1/2020 - 12/4/2020	<.10	18.90	7.47	343.7
1/13/2021 - 1/18/2021	<.10 *	18.10 *	7.25	358.7
2/9/2021 - 2/11/2021	<.10	18.70	7.35	422.2
3/2/2021 - 3/3/2021	<.10	17.00	7.28	407.0
4/6/2021 - 4/9/2021	<.10	17.10	7.35	408.0
5/4/2021 - 5/5/2021	<.10	15.50	7.33	412.0
6/1/2021 - 6/2/2021	<.10	16.00	7.26	403.0
7/1/2021 - 7/9/2021	<.10 *	15.63 *	7.22 *	381.0 *
8/3/2021 - 8/4/2021	<.10	14.90	7.32	374.0
9/1/2021 - 9/2/2021	<.10	14.80	7.70	301.0
10/4/2021 - 10/7/2021	<.10	13.80	7.11	474.0
11/1/2021 - 11/2/2021	<.10	13.10	6.80	576.0
12/8/2021 - 12/9/2021	<.10	12.00	6.77	625.0
12/6/2022 - 12/7/2022	<.10	8.46	7.55	350.0
1/3/2023 - 1/11/2023	<.10	9.07	7.79	288.0
2/3/2023 - 2/4/2023	<.10	8.72	7.31	650.0
3/1/2023 - 3/2/2023	<.10	8.67	7.14	336.0
4/4/2023 - 4/8/2023	<.10	7.83	7.38	364.0
5/9/2023 - 5/11/2023	<.10	8.29	6.51	337.0
6/7/2023 - 6/8/2023	<.10	8.26	7.07	271.0
7/5/2023 - 7/10/2023	<.10	7.75	7.64	293.0
8/1/2023 - 8/3/2023	<.10	7.84	5.50	310.0
9/1/2023 - 9/2/2023	<.10	7.46	7.98	335.0
10/2/2023 - 10/6/2023	<.10	7.79	7.07	513.0
11/1/2023 - 11/5/2023	<.10	7.15	6.86	706.0
12/6/2023 - 12/8/2023	<.10	7.55	6.65	738.0

\* - 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 - 8/1/2006	.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 *
1/26/2007 - 2/7/2007	<.100	9.3	6.84 *	734.7 *
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 - 7/12/2007	<.100 *	8.6 *	6.36 *	717.5 *
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
2/4/2010 - 2/17/2010	.160	17.0	6.56	532.0
2/17/2010 - 3/3/2010	.099	16.0	6.40	479.0
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
7/27/2012 - 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
1/30/2014 - 2/13/2014	<.100 *	12.0 *	6.60 *	317.0 *
3/11/2014 - 3/12/2014	<.100	11.0	6.71	560.0
4/2/2014 - 4/3/2014	.140	12.0	6.35	641.0
5/7/2014	<.100	9.5	6.85	630.0
6/3/2014	<.100	9.5	6.15	306.0
7/8/2014 - 7/18/2014	<.100	12.0	6.87	300.0
8/5/2014 - 8/6/2014	<.100	9.9	5.92	302.0
9/4/2014 - 9/5/2014	<.100	9.1	6.61	301.0
10/8/2014 - 10/9/2014	<.100	9.3	6.96	308.0
10/9/2014 - 10/23/2014	<.100	9.3	6.96	308.0
10/23/2014 - 11/3/2014	<.100	11.0	7.52	300.0
1/14/2015 - 1/15/2015	<.100	9.5	5.73	320.0
2/10/2015 - 2/13/2015	<.100	15.0	6.12	350.0
3/3/2015	<.100	13.0	6.85	422.0
4/1/2015 - 4/2/2015	<.100	14.0	6.40	409.0
5/6/2015 - 5/7/2015	<.100	11.0	6.83	562.0
6/2/2015 - 6/5/2015	<.100	15.0	6.87	615.0
7/7/2015 - 7/16/2015	<.100	12.0	6.52	632.0
7/22/2015 - 8/5/2015	<.100	12.0	7.20	616.0
9/2/2015 - 9/3/2015	<.100	11.0	7.35	622.0
10/5/2015 - 10/6/2015	<.100	14.0	7.26	584.0
11/4/2015 - 11/5/2015	<.100	14.0	7.06	551.0
12/3/2015 - 12/4/2015	<.100	17.0	7.18	362.0
1/5/2016 - 1/8/2016	<.100	14.0	7.26	336.0
2/3/2016 - 2/11/2016	<.100	14.0	7.97	322.0
3/2/2016 - 3/3/2016	<.100	21.0	7.47	339.0

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

Table 15

## Analytical Data Summary for MW-7N

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
4/5/2016 - 4/6/2016	<.100	27.0	7.32	421.0
5/11/2016 - 5/12/2016	<.100	23.0	6.48	370.0
6/1/2016 - 6/2/2016	<.100	25.0	7.53	387.0
7/19/2016 - 7/22/2016	<.100	29.0	7.10	390.0
8/10/2016 - 8/11/2016	<.100	29.0	7.37	371.0
9/6/2016 - 9/7/2016	<.100	30.0	7.27	342.0
10/5/2016 - 10/7/2016	.120	31.0	7.11	474.0
11/2/2016 - 11/3/2016	.300	47.0	6.45	646.0
12/1/2016 - 12/2/2016	.150	44.0	7.68	760.0
1/10/2017 - 1/13/2017	.410	54.0	7.26	715.0
2/7/2017 - 2/8/2017	.230	34.0	7.83	601.0
3/1/2017 - 3/3/2017	.220	41.0	5.90 *	736.0 *
4/4/2017 - 4/6/2017	.160	35.0	6.83	649.0
5/2/2017 - 5/16/2017	<.100	42.0	6.57	755.0
6/6/2017 - 6/7/2017	<.100	55.0	6.76	710.0
7/18/2017 - 8/1/2017	.166 *	38.0 *	6.75 *	682.5 *
8/1/2017 - 8/2/2017	<.100	42.0	6.88	730.0
9/5/2017 - 9/6/2017	.240	52.0	7.31	668.0
10/5/2017 - 10/9/2017	.200	47.0	7.19	595.0
11/1/2017 - 11/2/2017	.100	47.0	7.25	664.0
1/23/2018 - 1/26/2018	.160	38.0	6.54	529.9
2/21/2018 - 2/23/2018	<.100	33.0	6.38	458.6
3/19/2018 - 3/22/2018	.190	40.0	6.40	572.6
4/9/2018 - 4/11/2018	.125 *	44.5 *	6.42 *	541.6 *
6/4/2018 - 6/6/2018	<.100	44.0	6.32 *	471.0 *
7/10/2018 - 7/18/2018	<.100	43.0	6.45	500.0
7/18/2018 - 8/1/2018	<.100	45.0	6.36	508.0
8/1/2018 - 8/2/2018	<.100	45.0	6.36	508.0
9/4/2018 - 9/6/2018	<.100	49.0	6.64	628.0
10/1/2018 - 10/4/2018	<.100	43.0	6.04	541.0
11/6/2018 - 11/8/2018	<.100	37.0	6.35	473.9
12/4/2018 - 12/5/2018	<.100	41.0	6.35	513.3
1/2/2019 - 1/7/2019	<.100	42.0	6.61	497.1
2/4/2019 - 2/6/2019	<.100	43.0	6.38	429.0
3/4/2019 - 3/6/2019	<.100	42.0	6.06	495.0
4/2/2019 - 4/3/2019	<.100	43.0	6.28	457.9
5/1/2019 - 5/9/2019	<.100	42.0	6.66	461.7
6/3/2019 - 6/5/2019	<.100	38.0	6.19	493.8
7/8/2019 - 7/11/2019	<.100 *	41.5 *	6.33 *	539.2 *
8/5/2019 - 8/8/2019	<.100	38.0	6.37	492.8
9/3/2019 - 9/5/2019	<.100	43.0	6.37	490.4
9/30/2019 - 10/3/2019	<.100	43.0	6.95	490.8
11/5/2019 - 11/6/2019	<.100	42.0	6.53	544.4
12/2/2019 - 12/12/2019	<.100	45.0	6.60	443.0
1/13/2020 - 1/24/2020	<.100	45.3	6.57	490.4
1/24/2020 - 2/4/2020	<1.000	42.5	6.36	448.5
3/2/2020 - 3/4/2020	<.100	41.8	6.57	448.6
4/1/2020 - 4/3/2020	<.100	40.2	6.54	445.3
5/4/2020 - 5/5/2020	<.100	40.6	6.57	462.9
6/1/2020 - 6/3/2020	<.100	39.9	6.56	469.5
7/6/2020 - 7/9/2020	<.100 *	40.4 *	6.55 *	510.5 *
8/3/2020	<.100	40.4	6.51	528.6
9/1/2020 - 9/14/2020	<.100	40.5	6.36	510.3
10/5/2020 - 10/7/2020	<.100	41.0	6.52	446.6
11/2/2020 - 11/5/2020	<.100	40.8	6.63	482.0

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

Table 15

## Analytical Data Summary for MW-7N

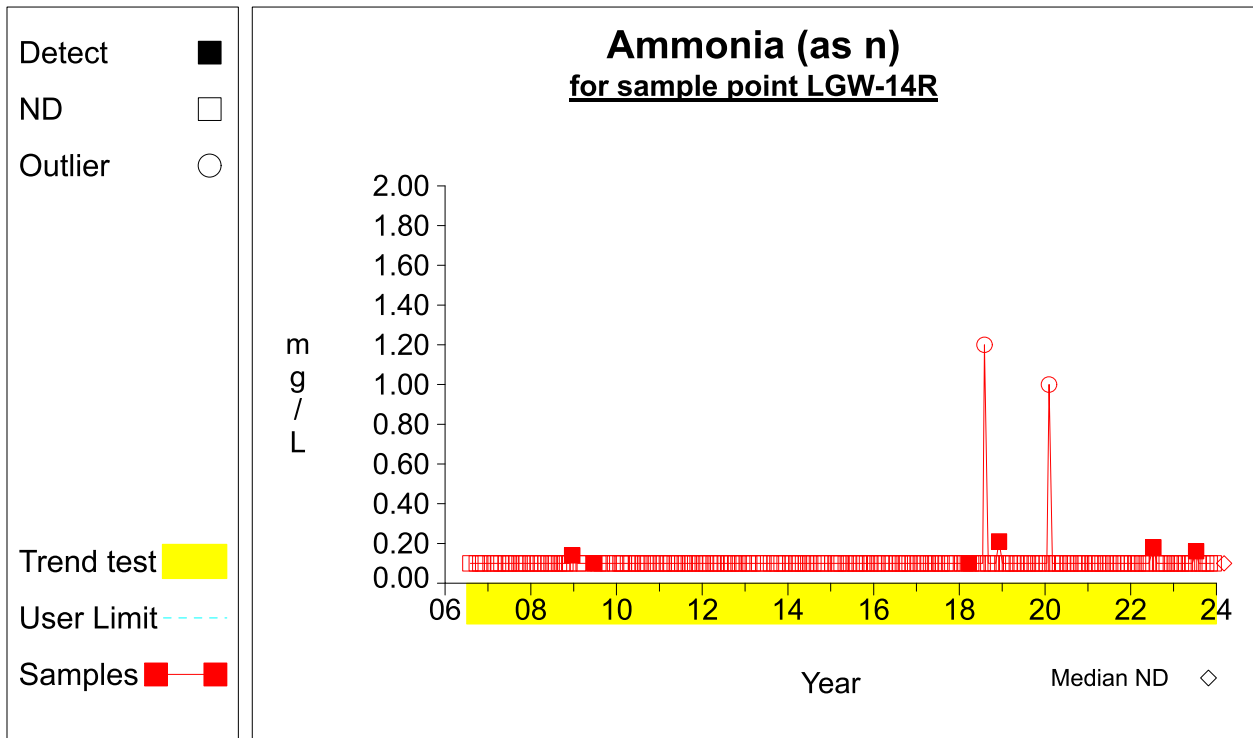
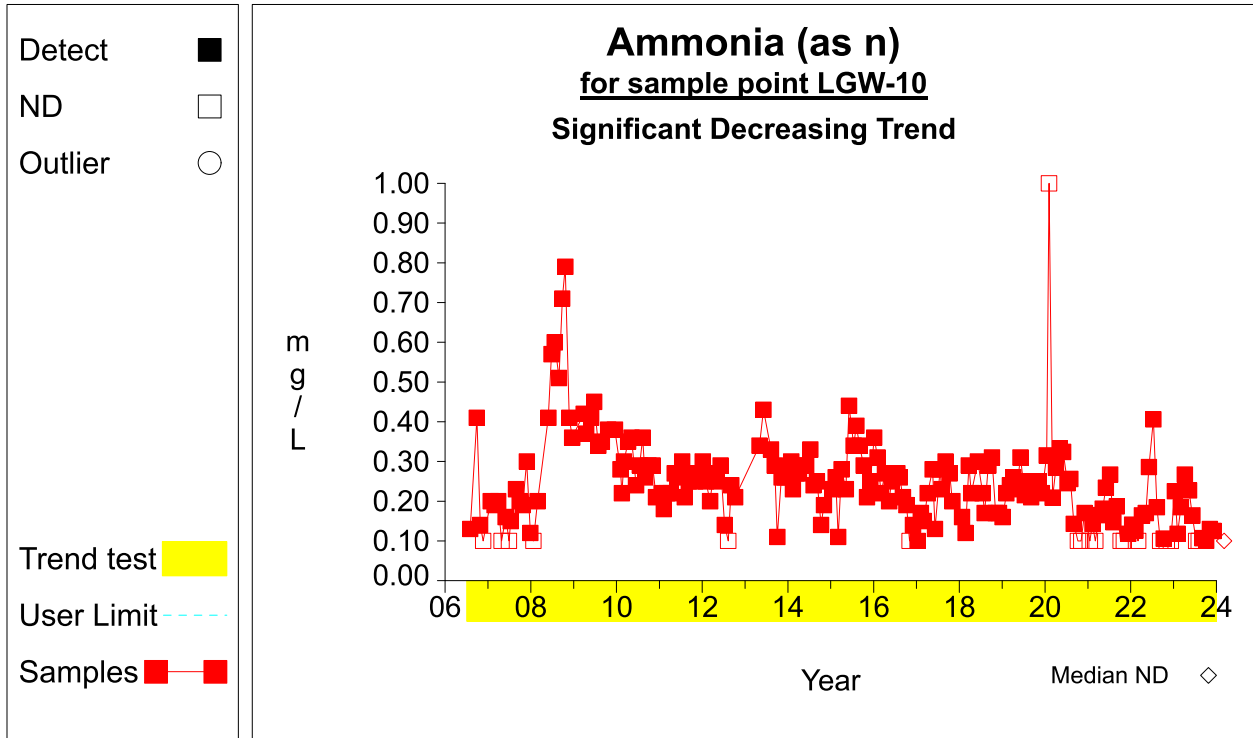
Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
12/1/2020 - 12/4/2020	<.100	41.3	6.45	479.6
1/13/2021 - 1/18/2021	<.100 *	41.2 *	6.26	437.4
2/9/2021 - 2/11/2021	<.100	42.4	6.71	580.0
3/2/2021 - 3/3/2021	<.100	40.4	6.54	597.0
4/6/2021 - 4/9/2021	<.100	41.5	6.65	601.0
5/4/2021 - 5/5/2021	<.100	41.7	6.54	629.0
6/1/2021 - 6/2/2021	<.100	45.1	6.61	638.0
7/1/2021 - 7/9/2021	<.100 *	47.1 *	6.69 *	653.0 *
8/3/2021 - 8/4/2021	<.100	46.0	6.76	632.0
9/1/2021 - 9/2/2021	<.100	46.7	6.61	624.0
10/4/2021 - 10/7/2021	<.100	45.6	6.69 *	603.0 *
11/1/2021 - 11/2/2021	<.100	44.3	6.53	613.0
12/8/2021 - 12/9/2021	<.100	42.4	6.68	587.0
1/12/2022 - 1/19/2022	<.100	43.2 *	6.74 *	602.0 *
2/9/2022 - 2/10/2022	<.100	41.0	6.78	613.0
3/1/2022 - 3/5/2022	<.100	41.7	6.69	612.0
4/4/2022 - 4/6/2022	<.100	40.6	6.63 *	622.0 *
5/6/2022 - 5/7/2022	<.100	41.6	6.59	662.0
6/2/2022 - 6/3/2022	<.100	41.4	6.30	702.0
7/9/2022 - 7/13/2022	.126	39.8	6.42	632.0
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

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

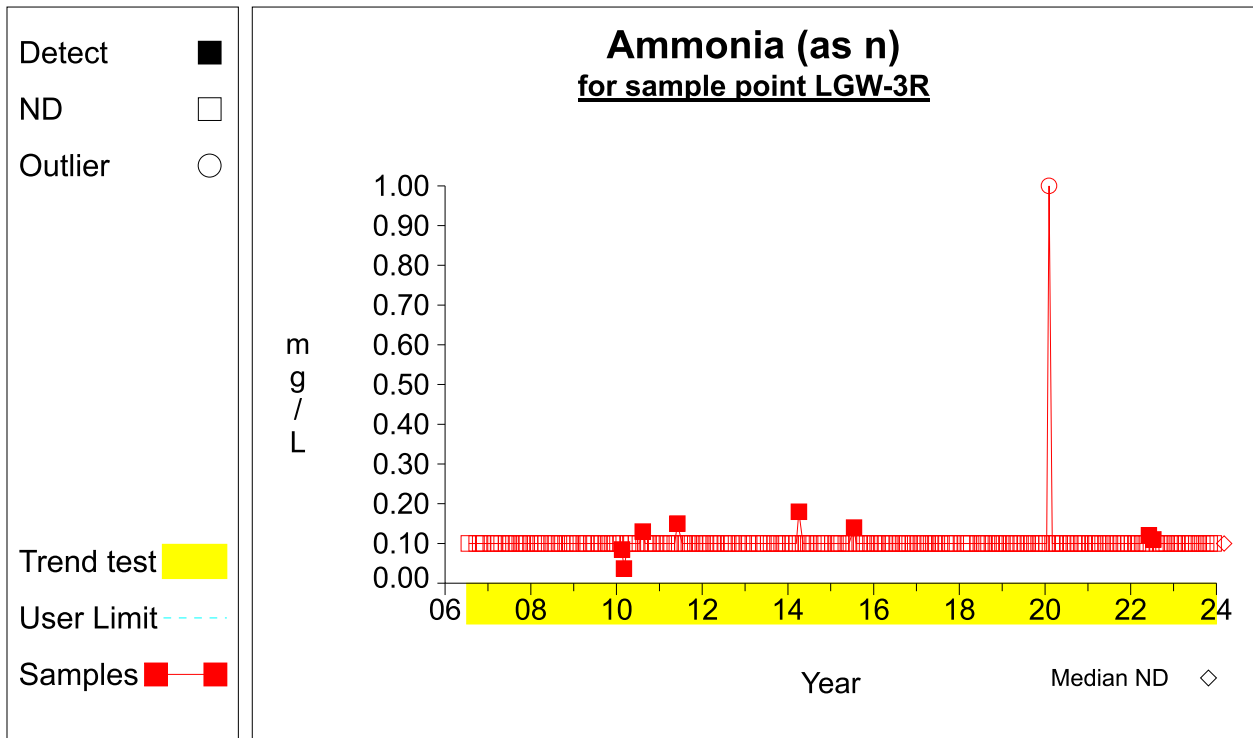
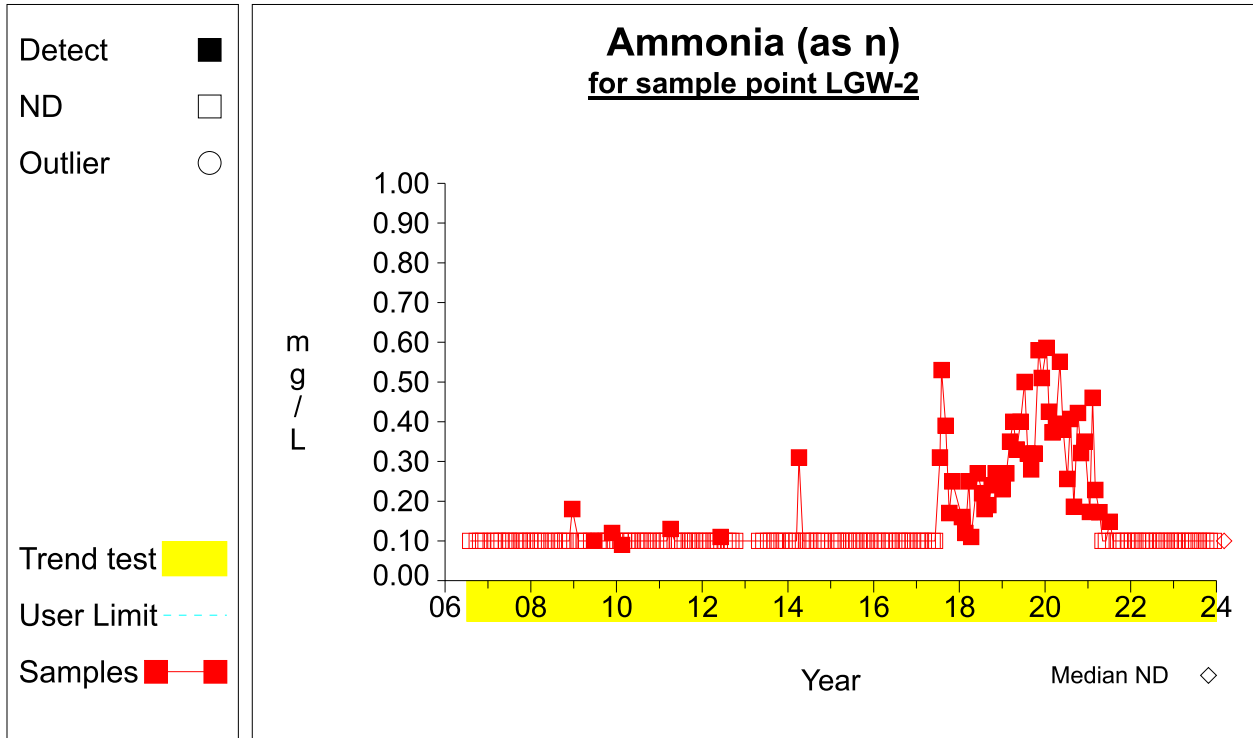
## **ATTACHMENT C**

### **Trend Analysis**

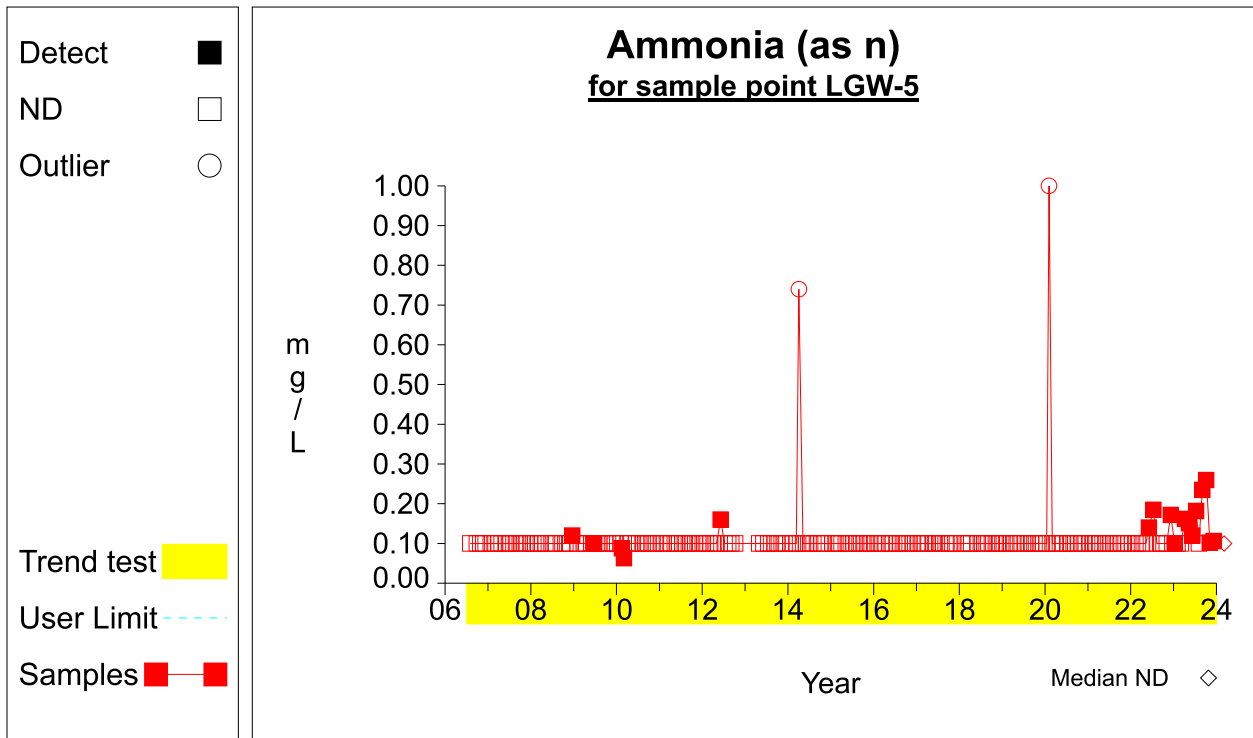
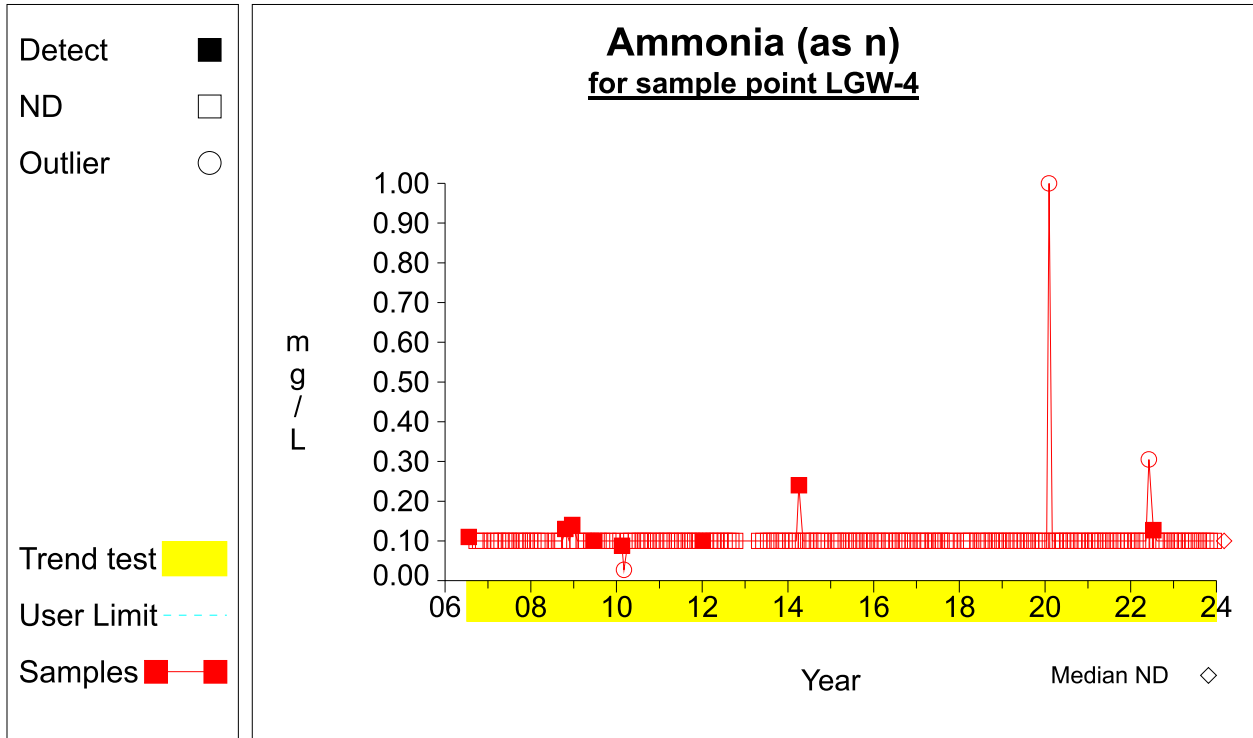
## Time Series



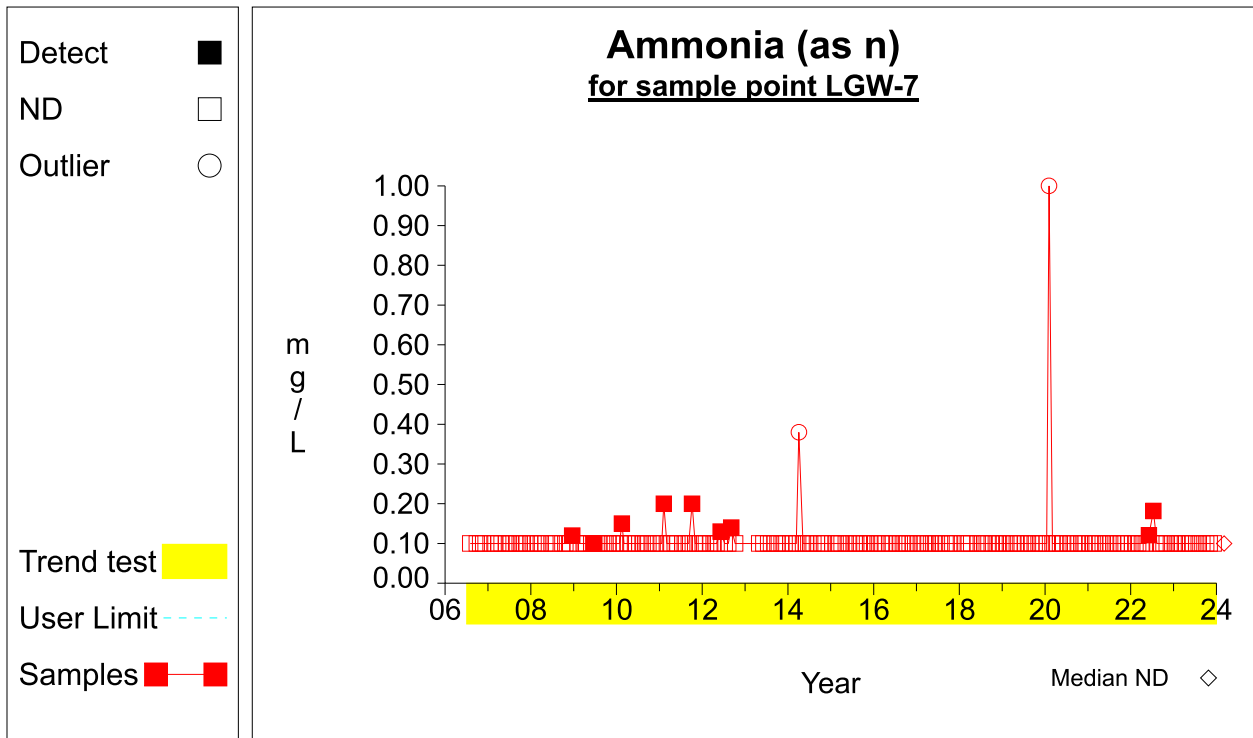
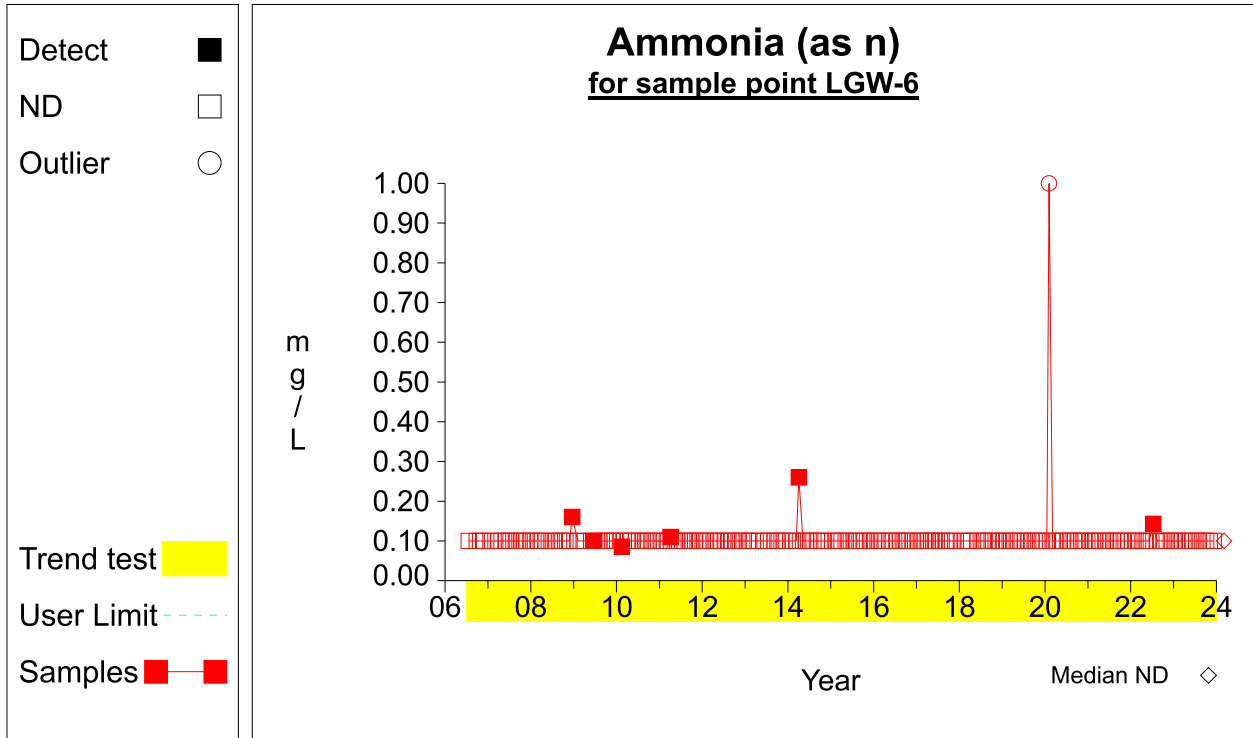
## Time Series



### Time Series

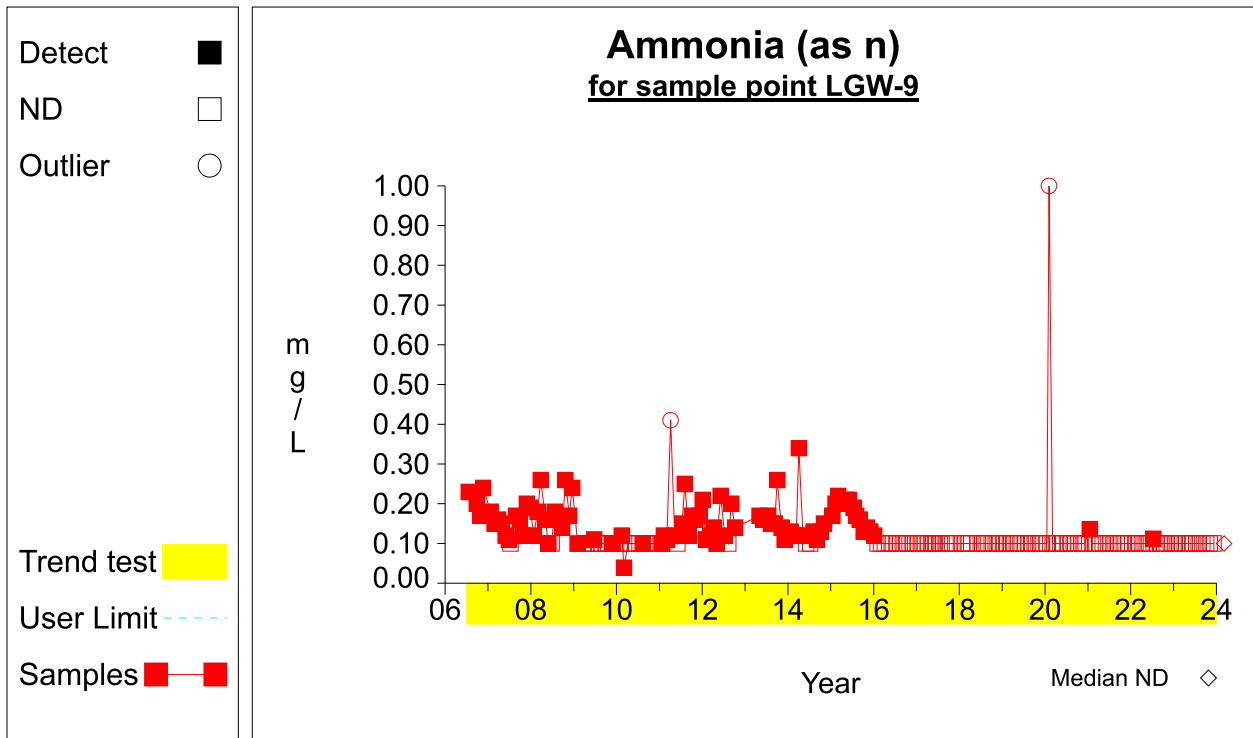
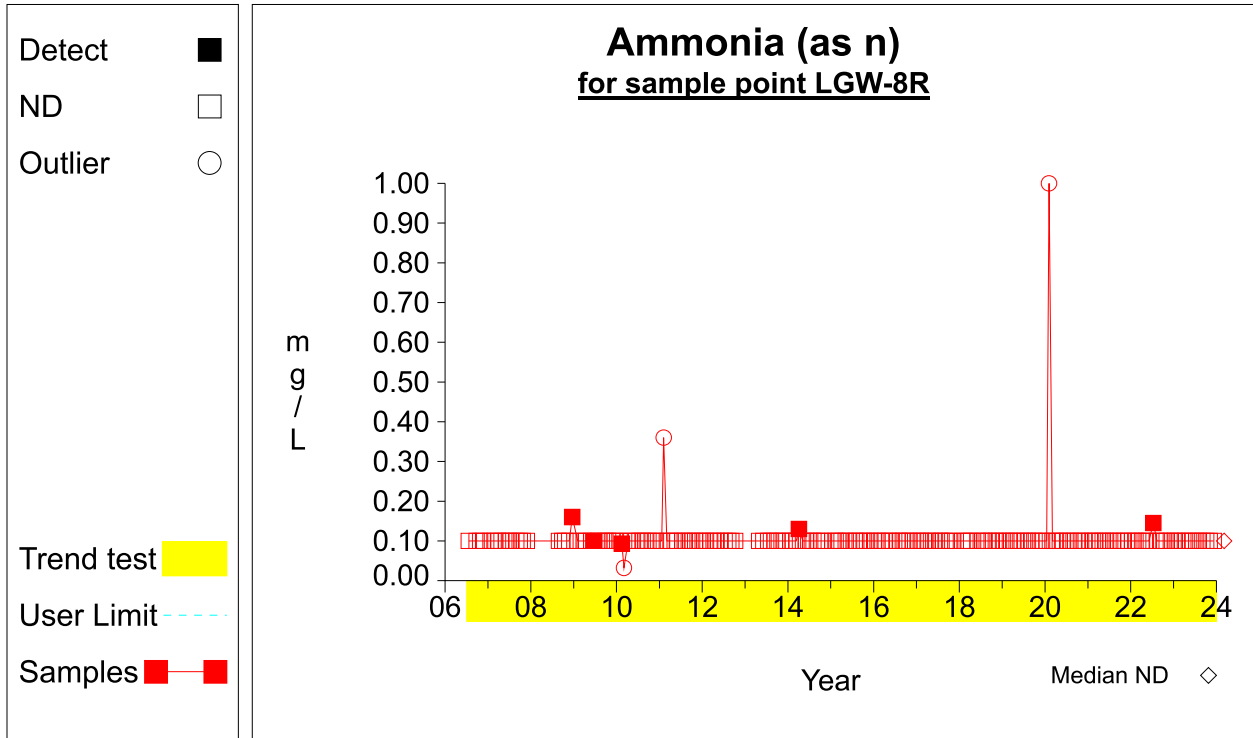


### Time Series

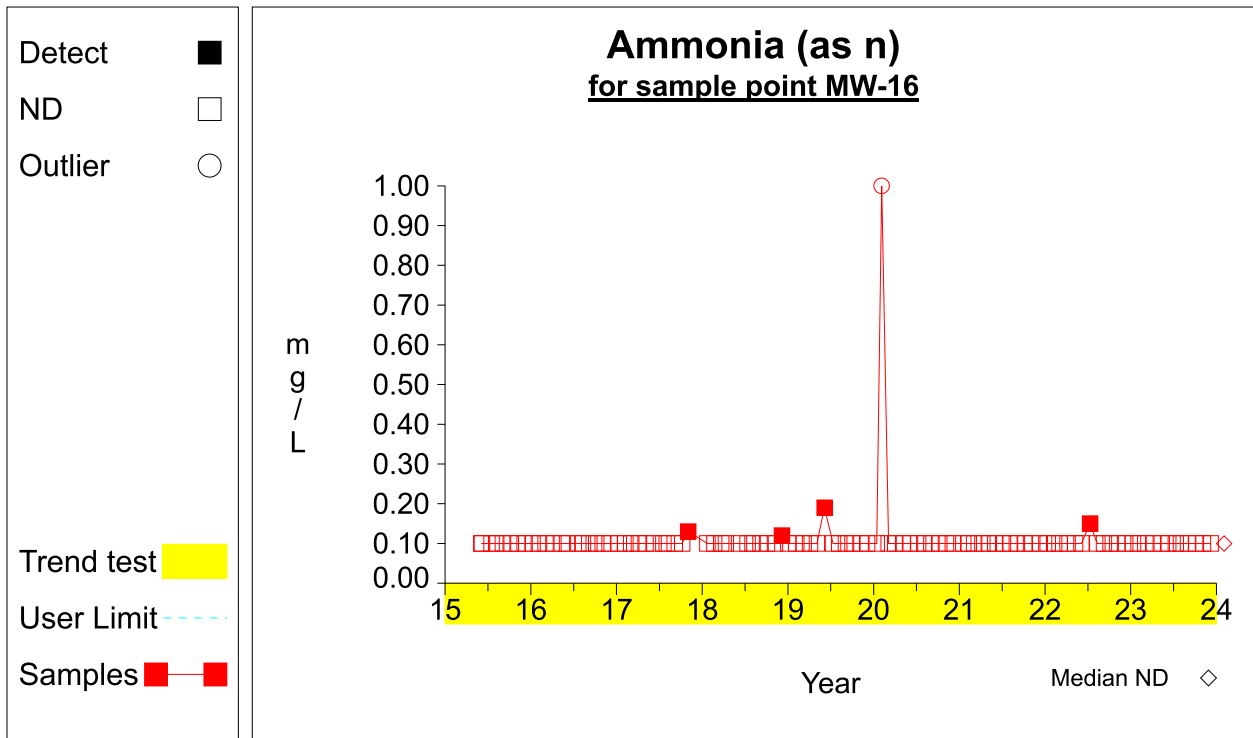
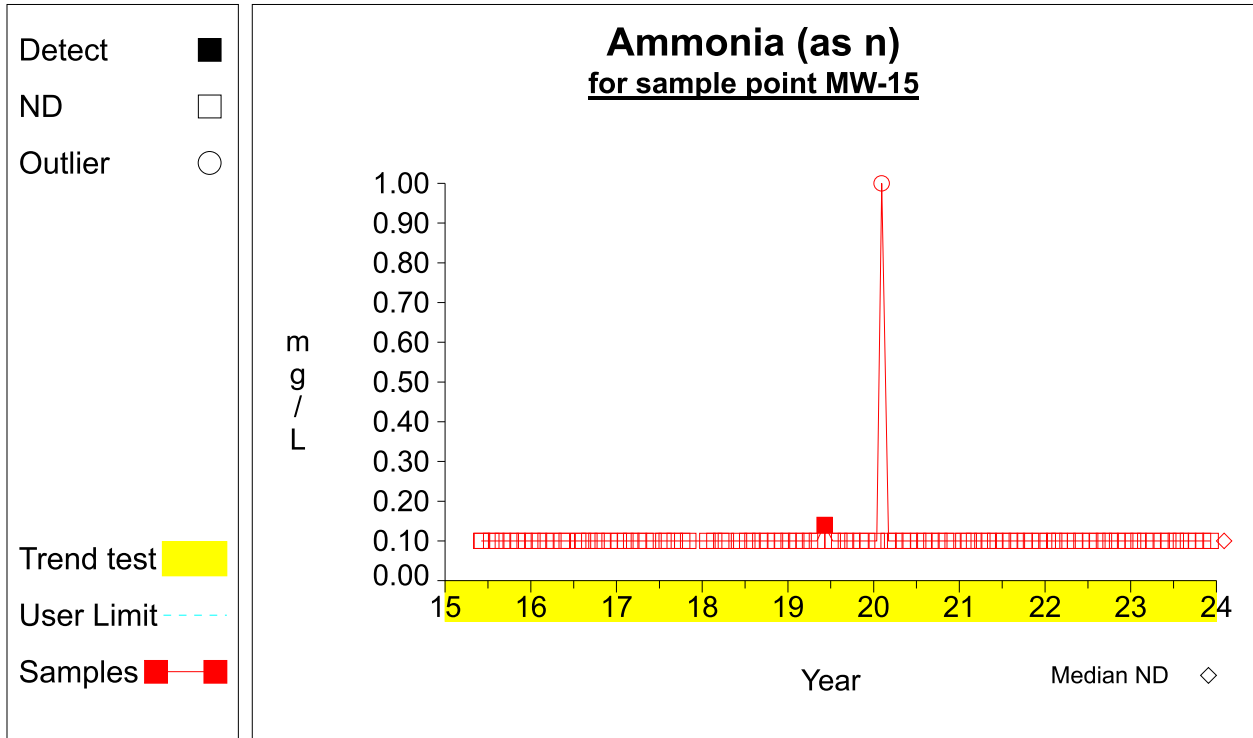




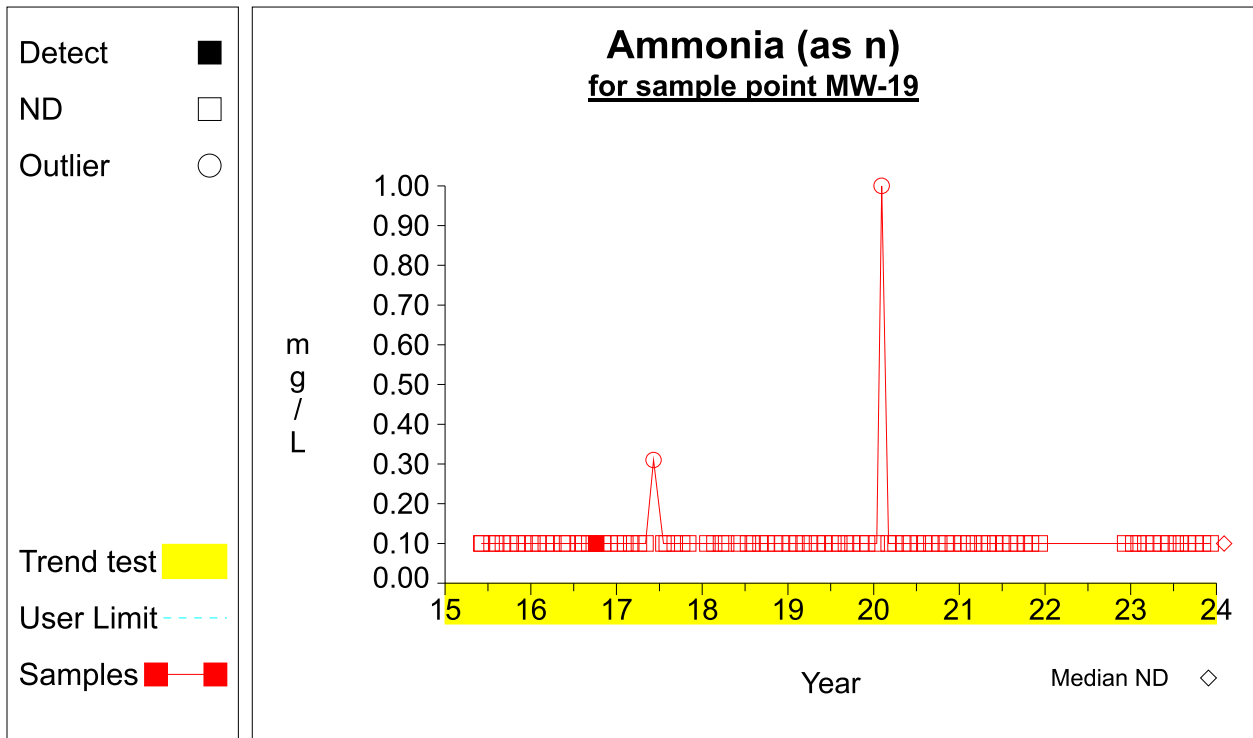
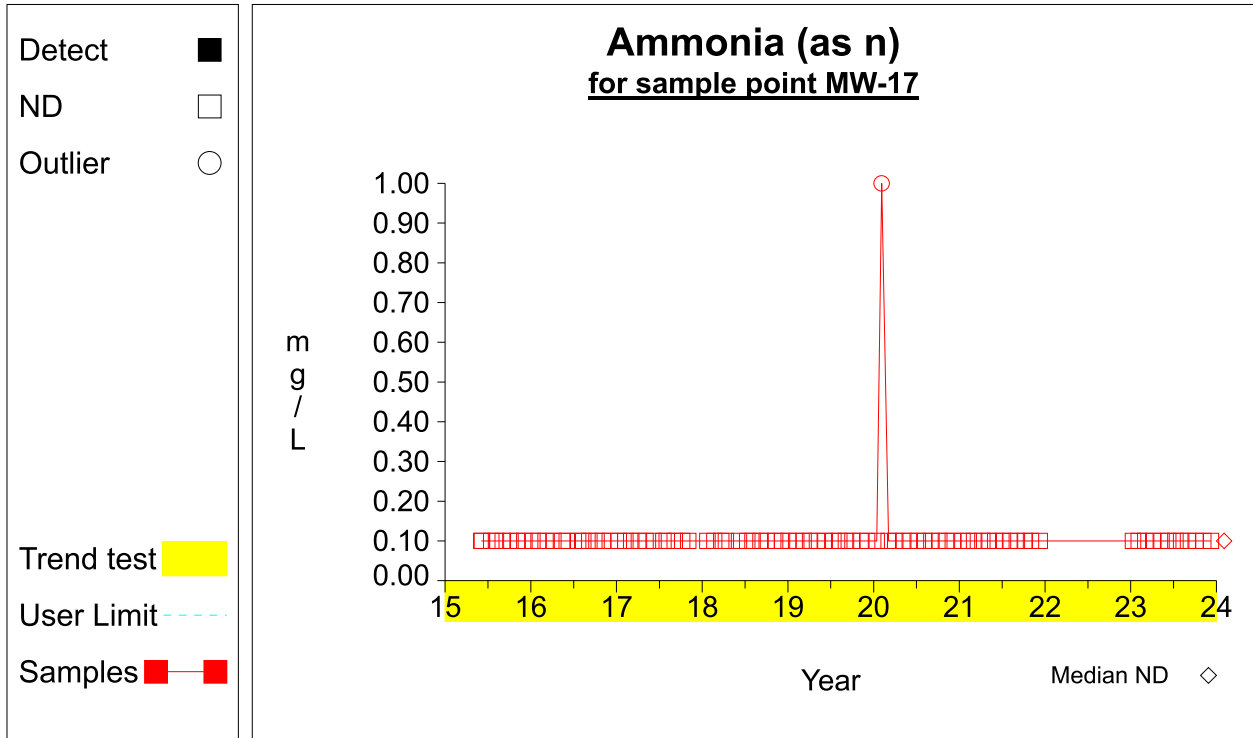
## Time Series



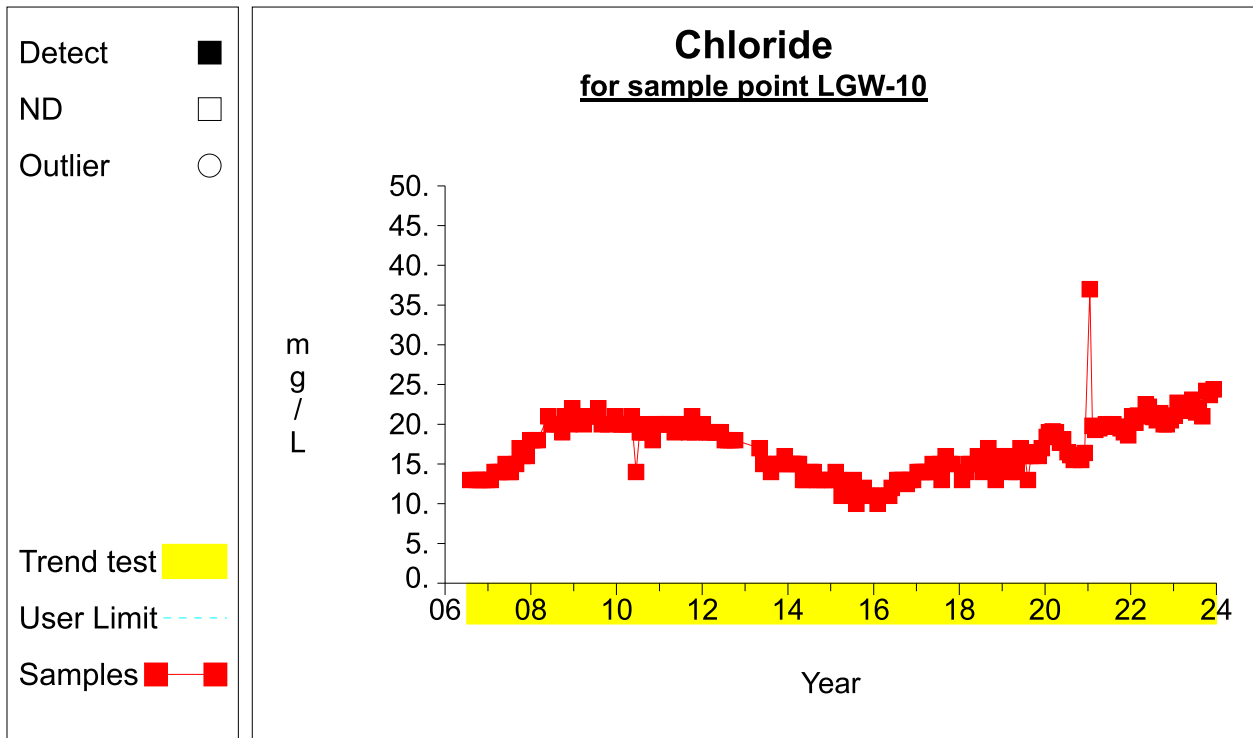
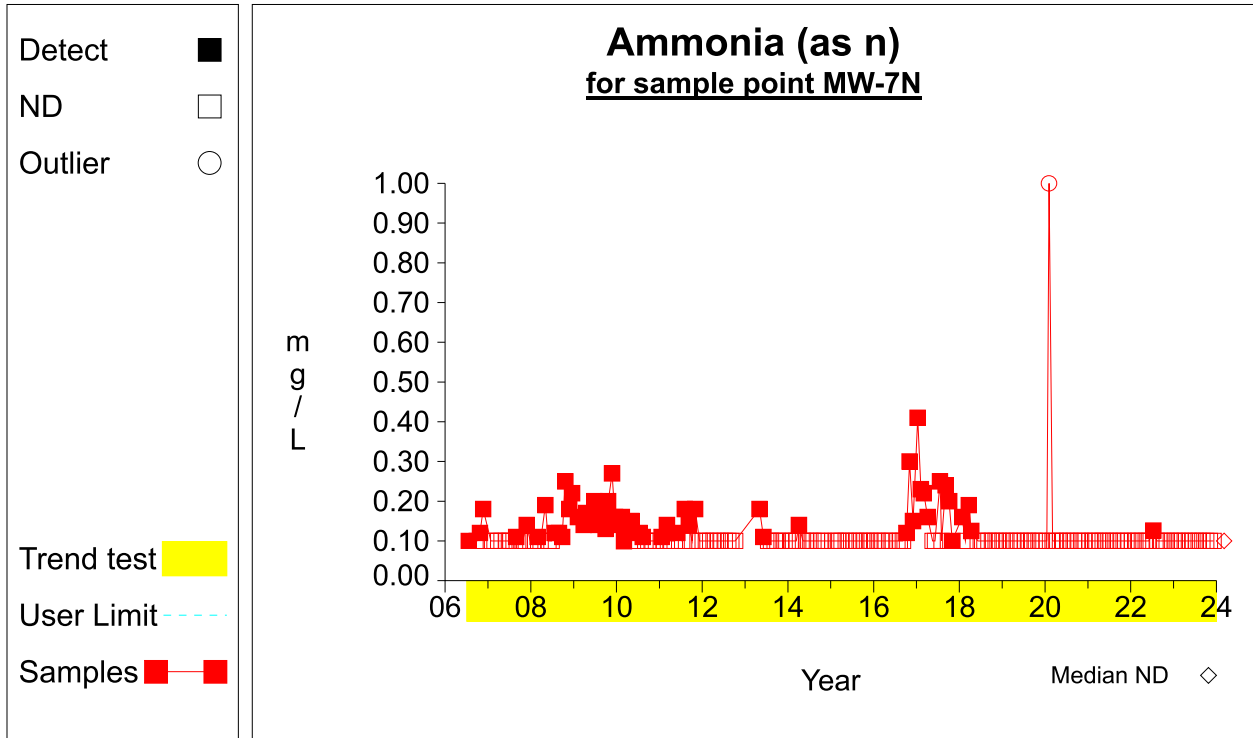
## Time Series



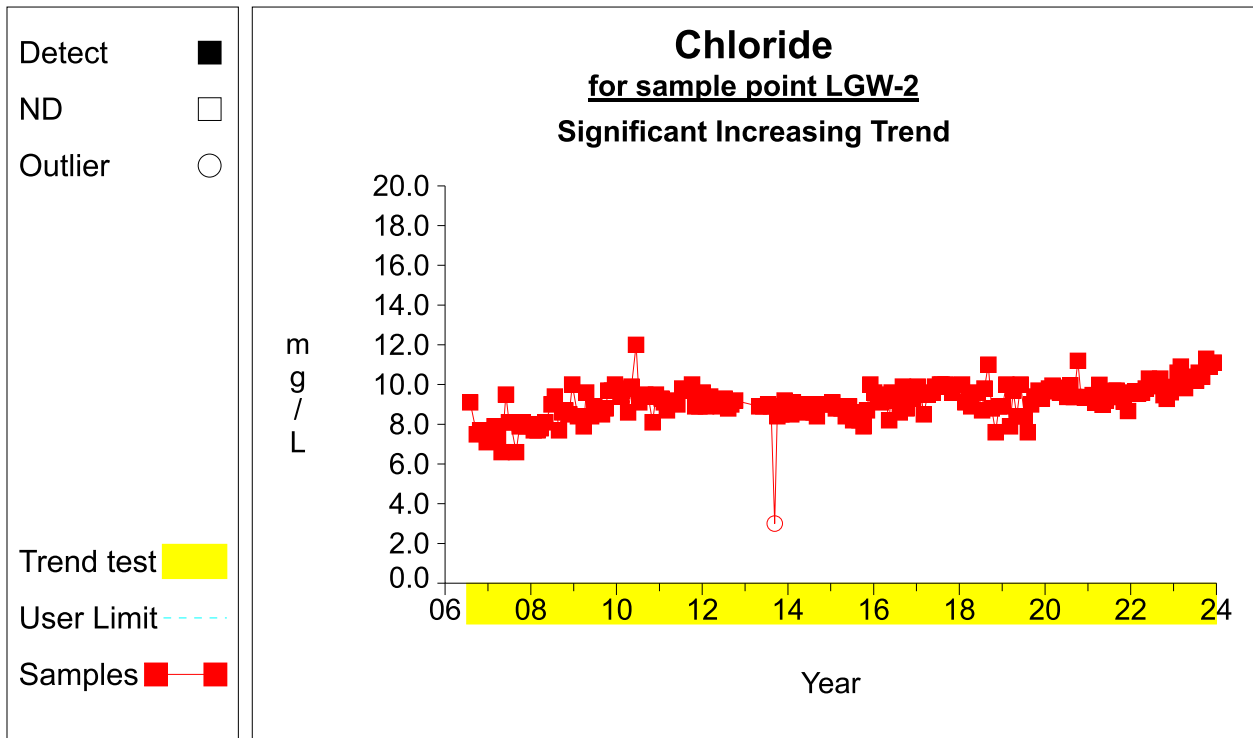
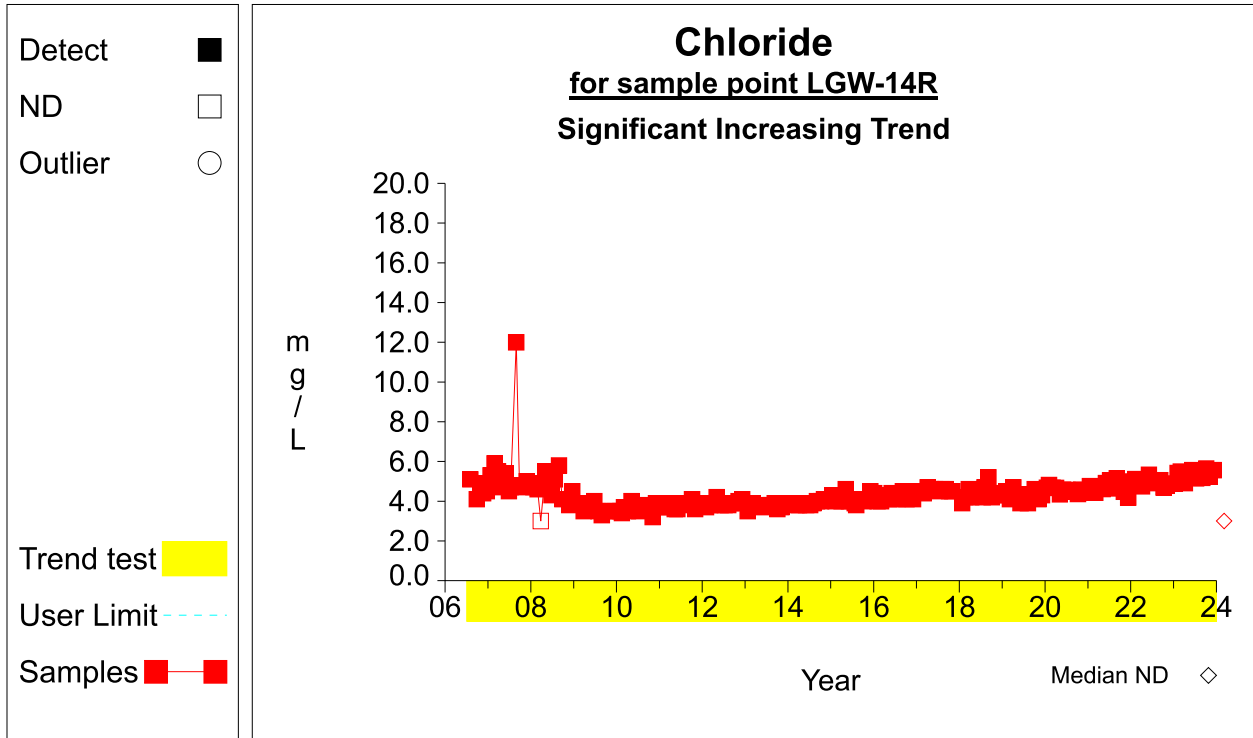
### Time Series



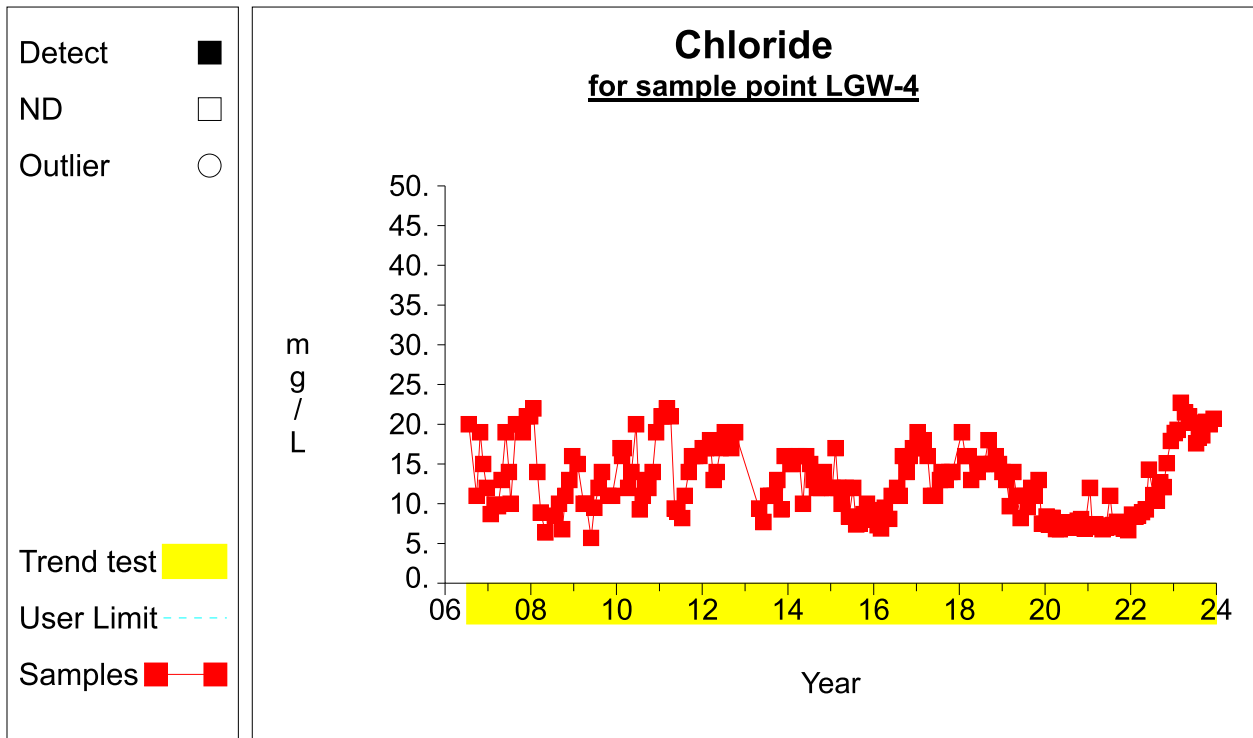
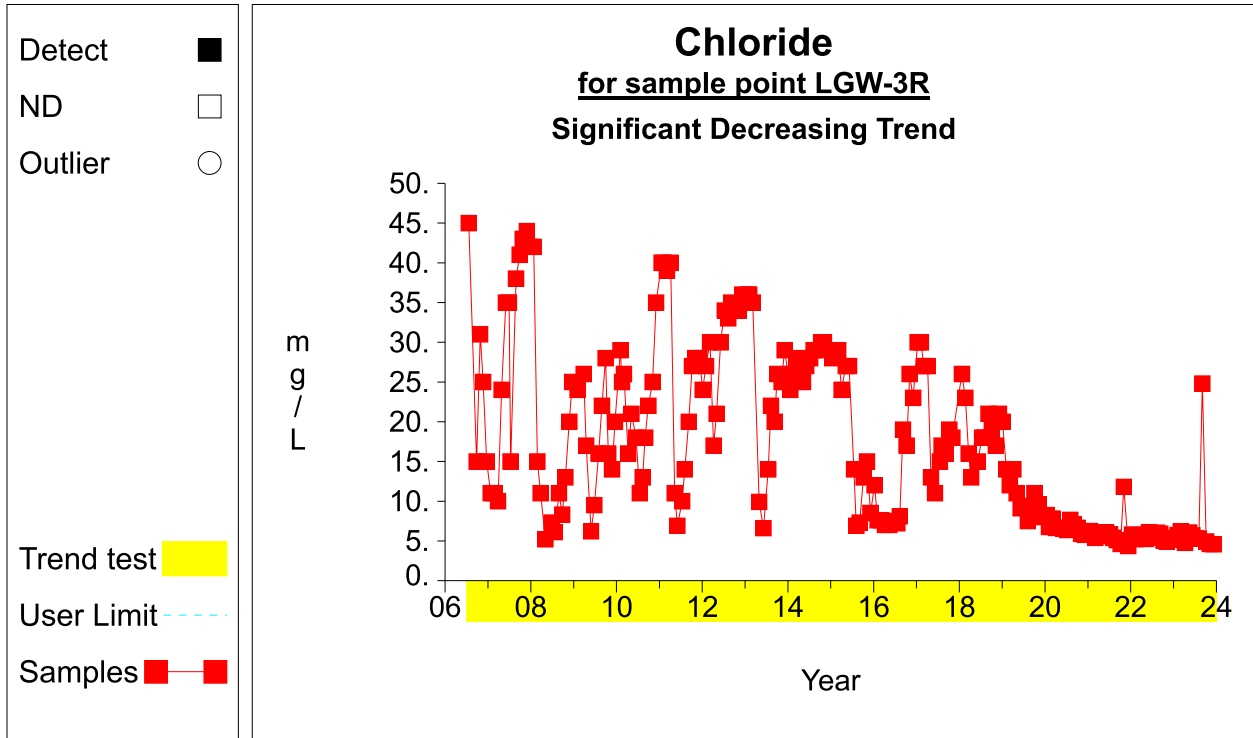
### Time Series



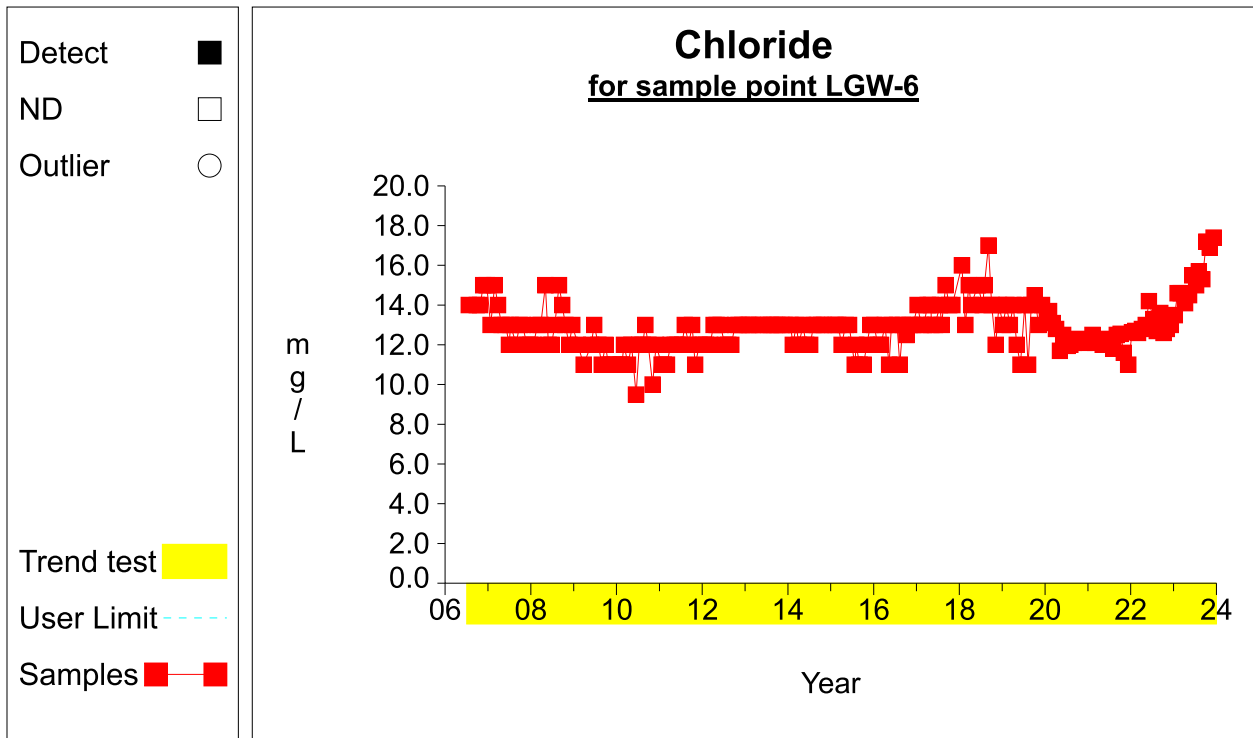
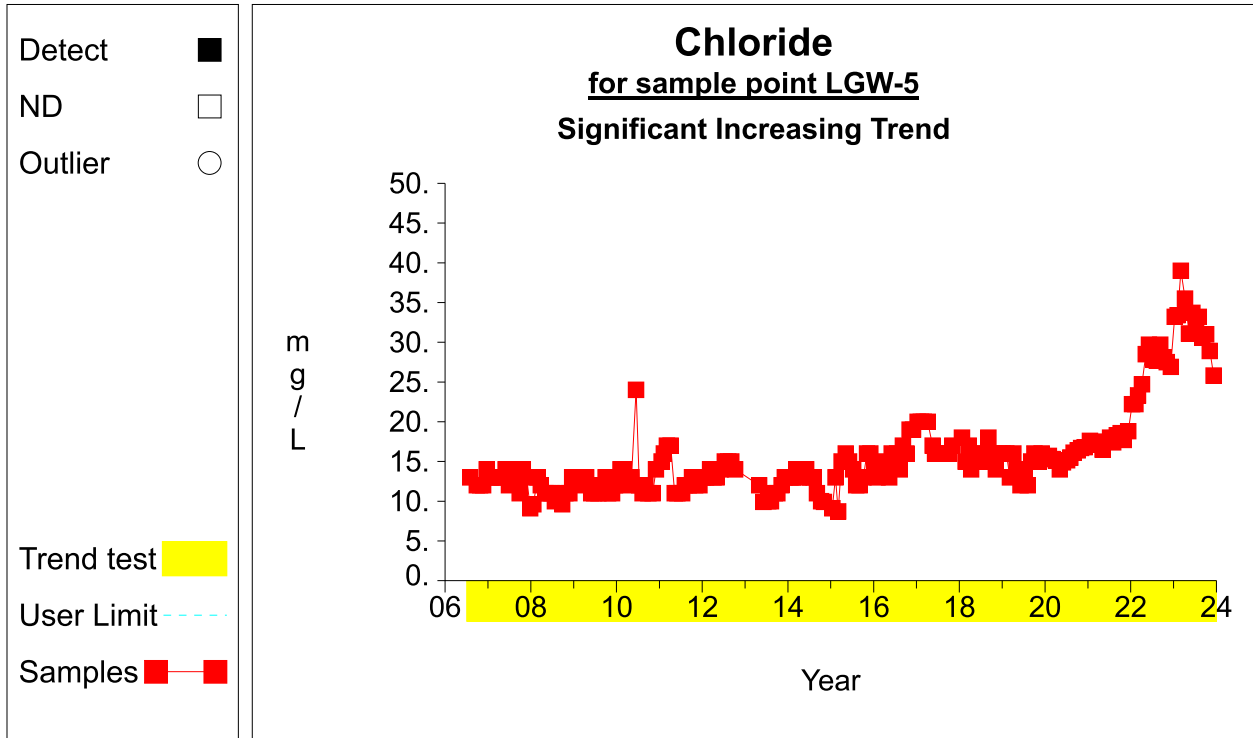
## Time Series



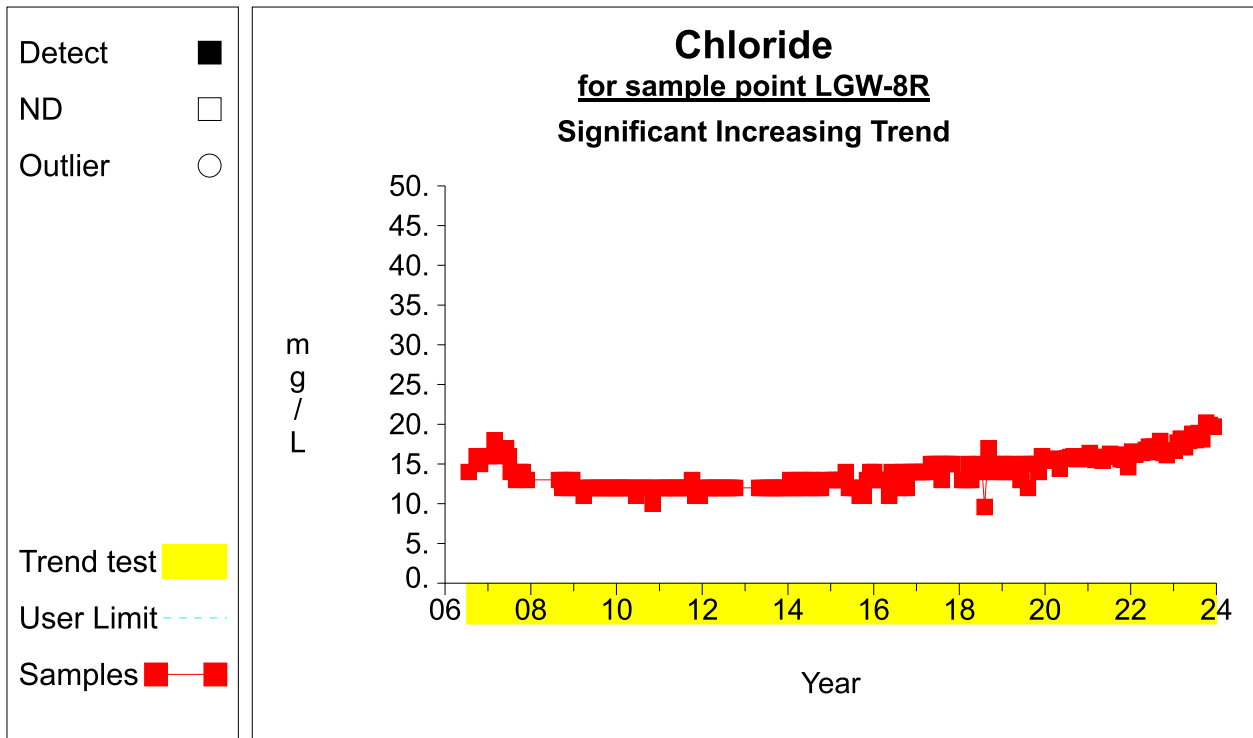
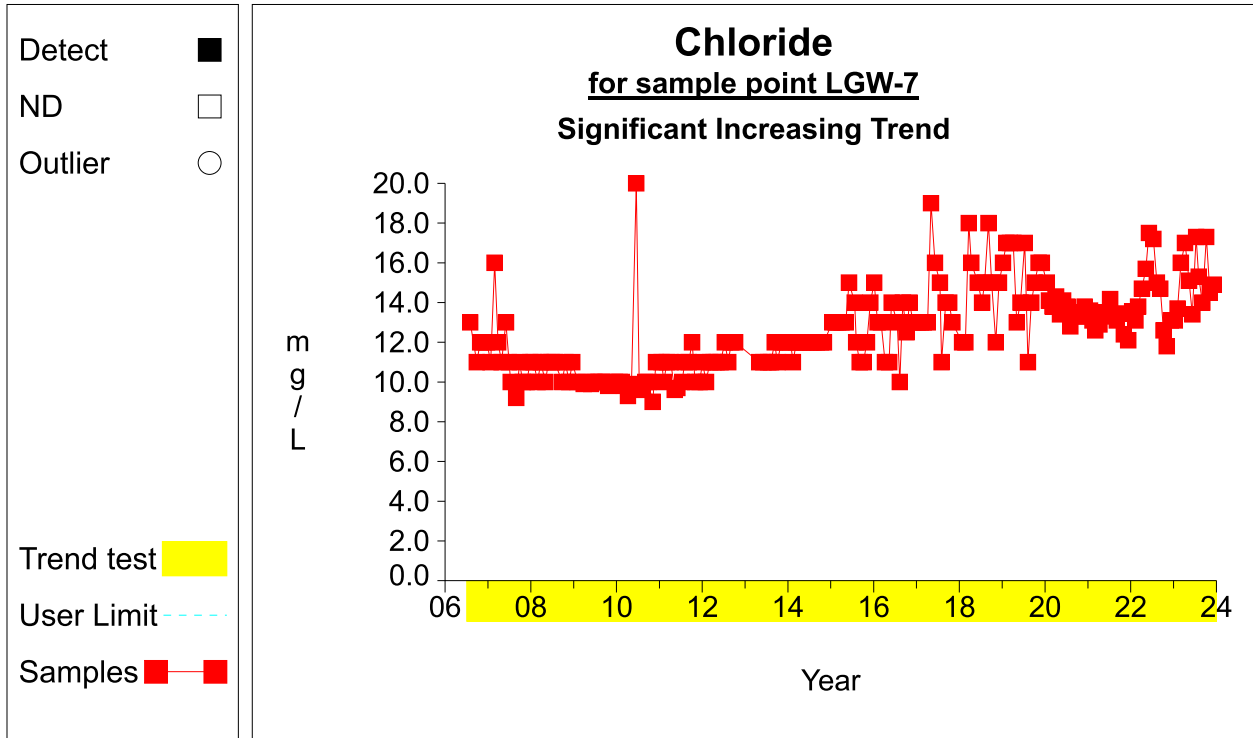
### Time Series



### Time Series

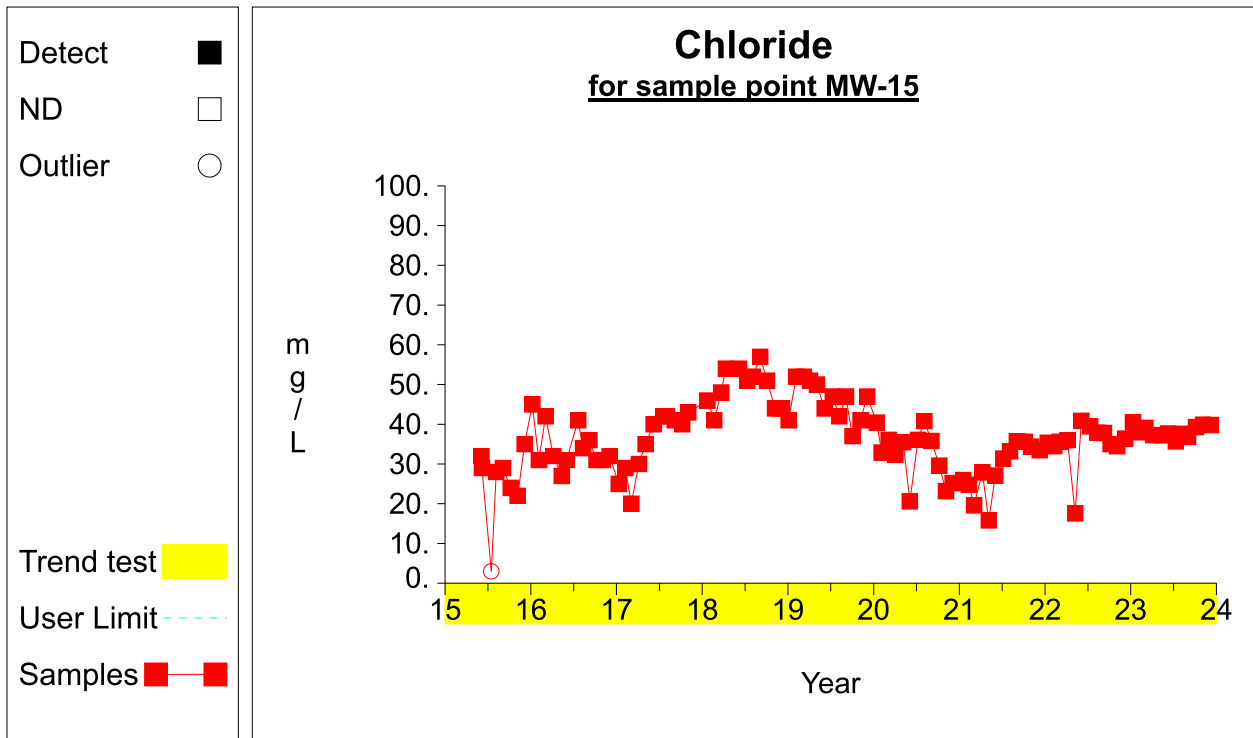
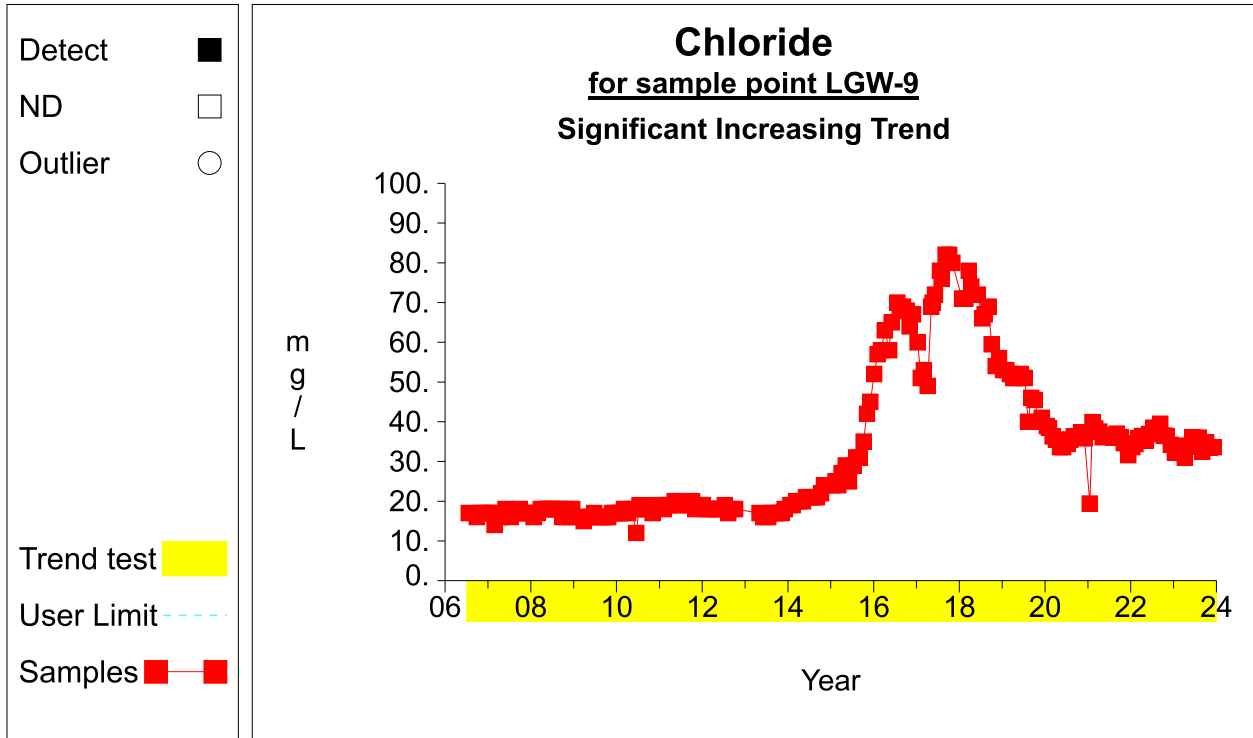


### Time Series

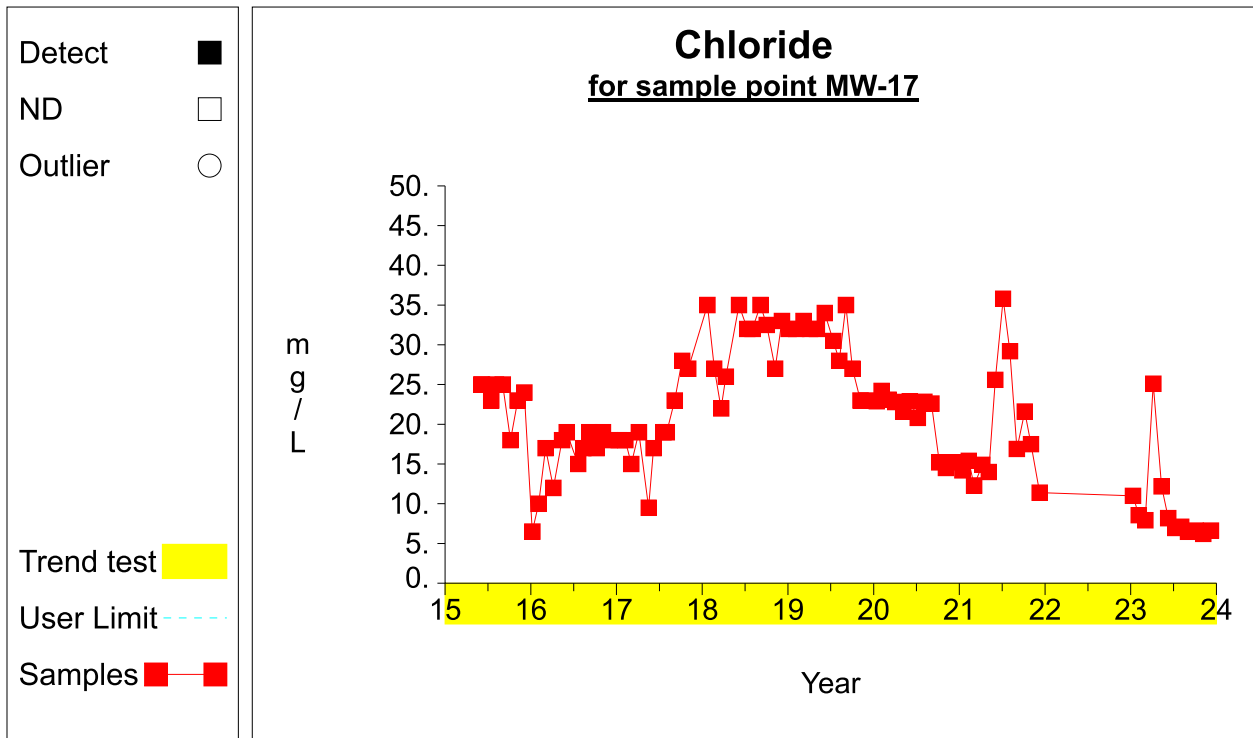
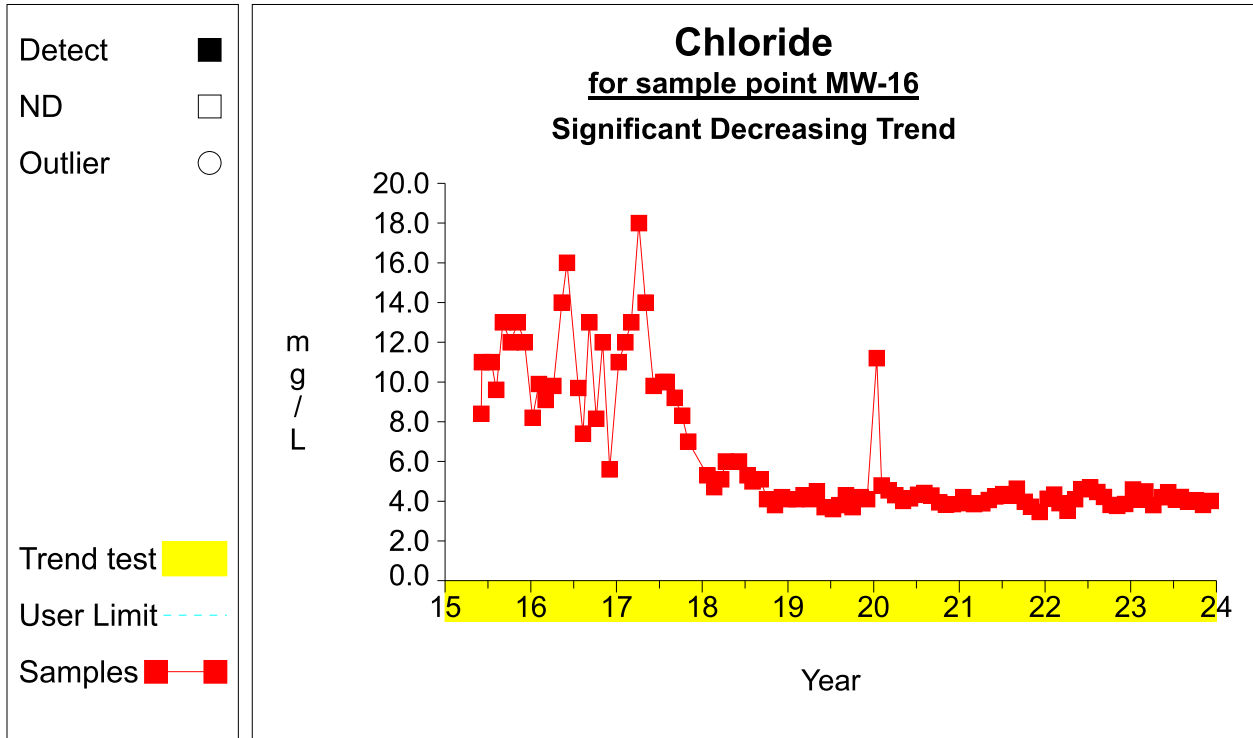




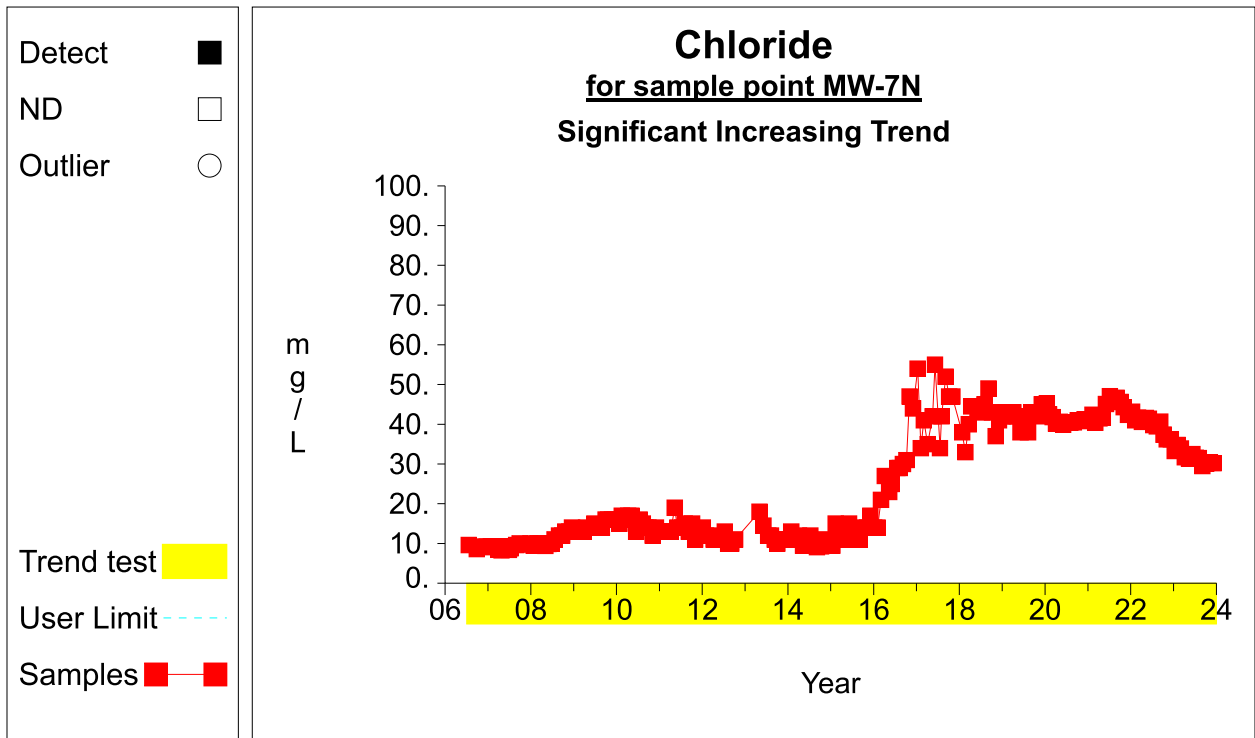
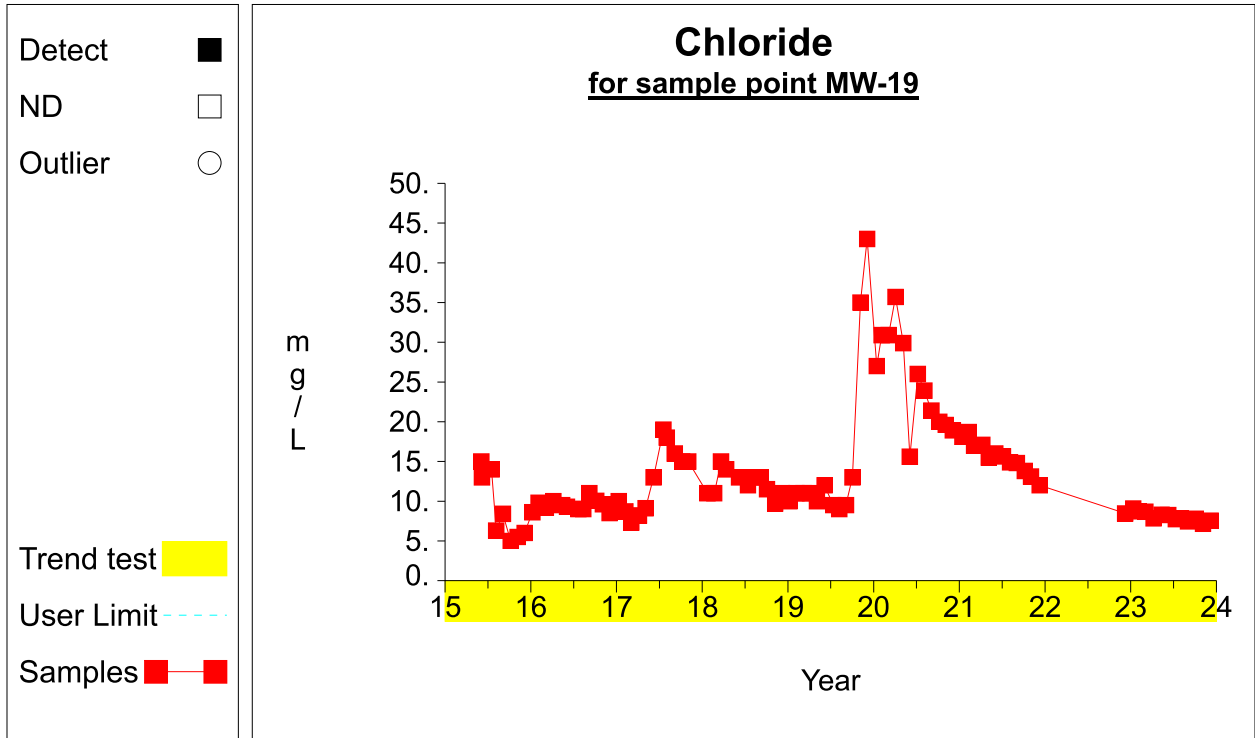
## Time Series



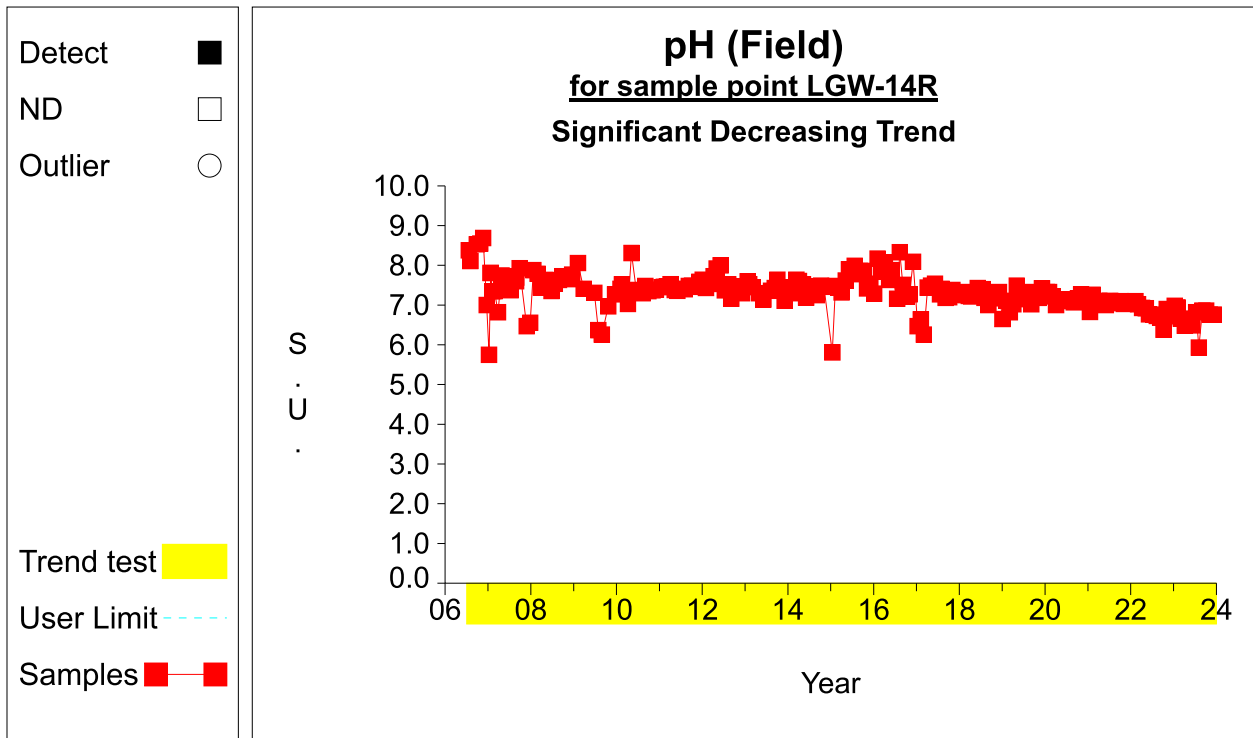
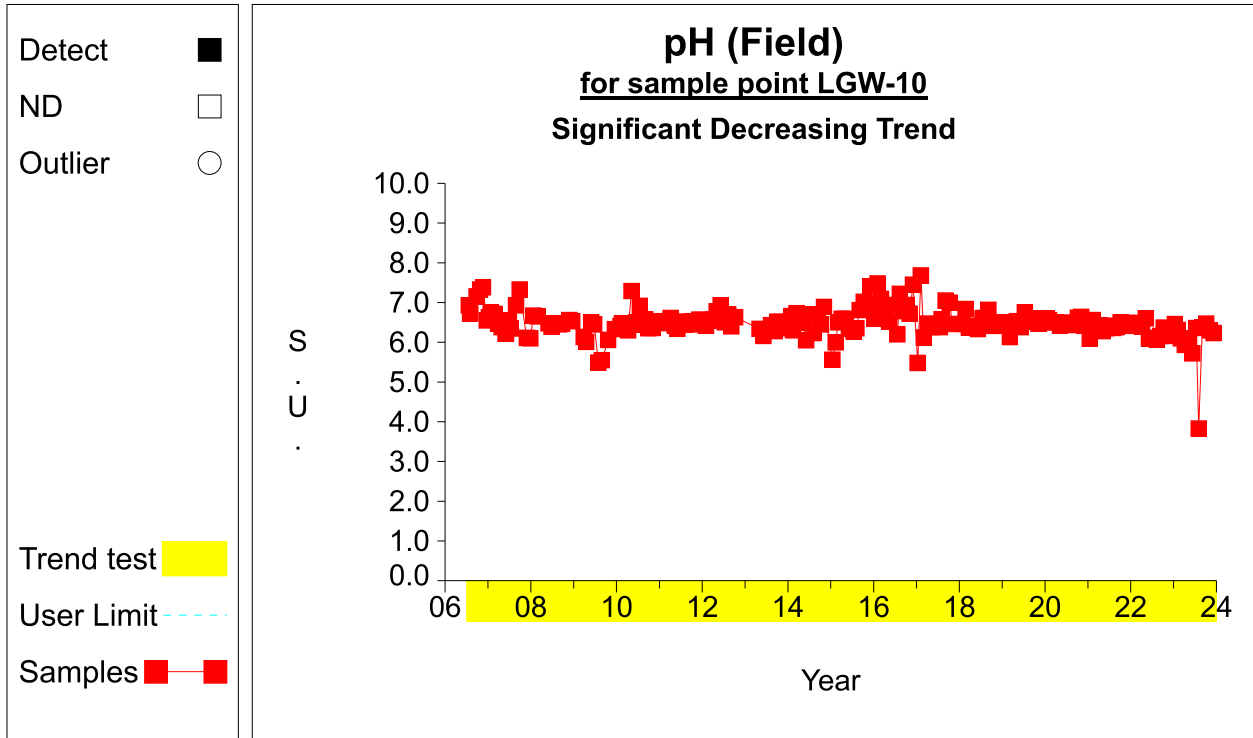
## Time Series



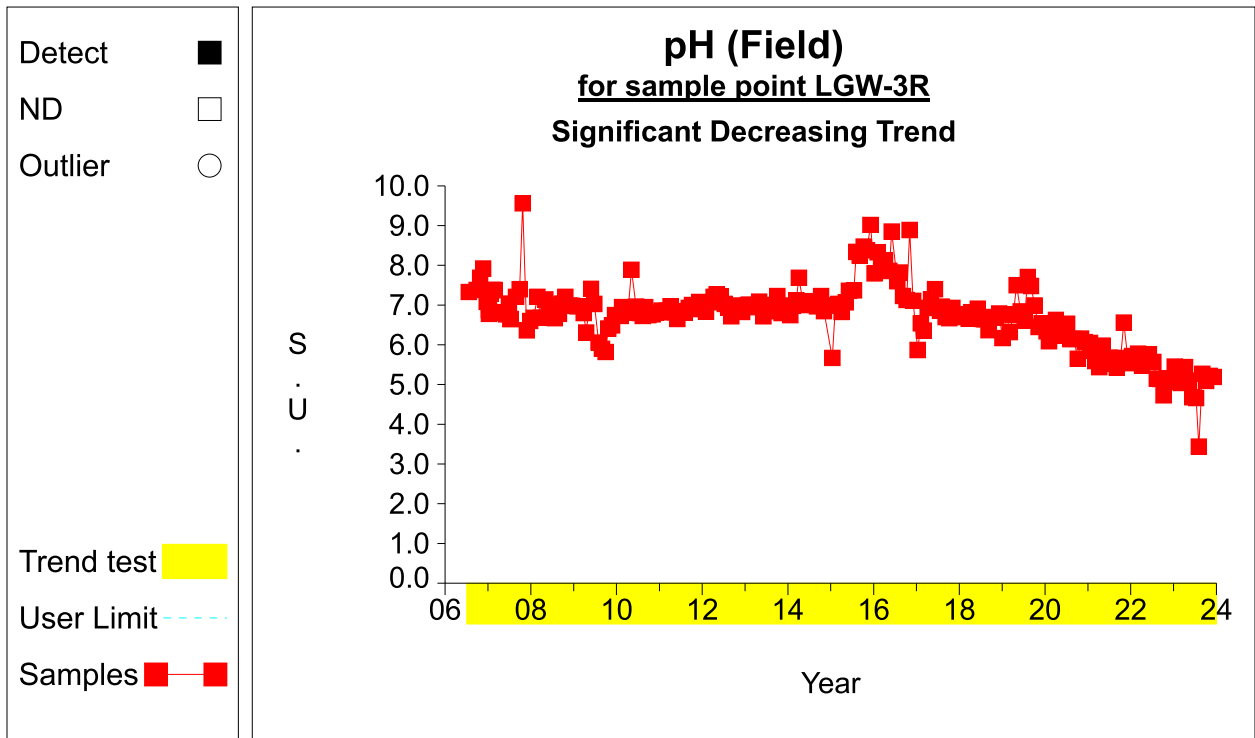
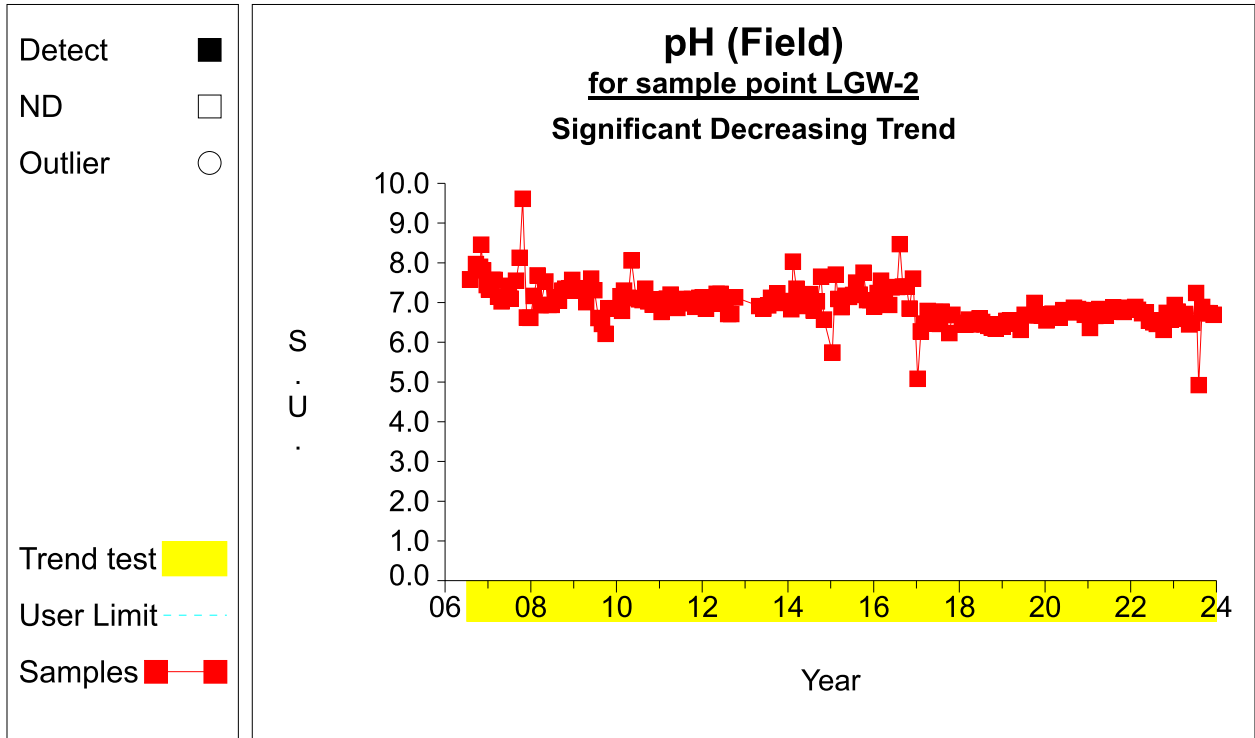
### Time Series



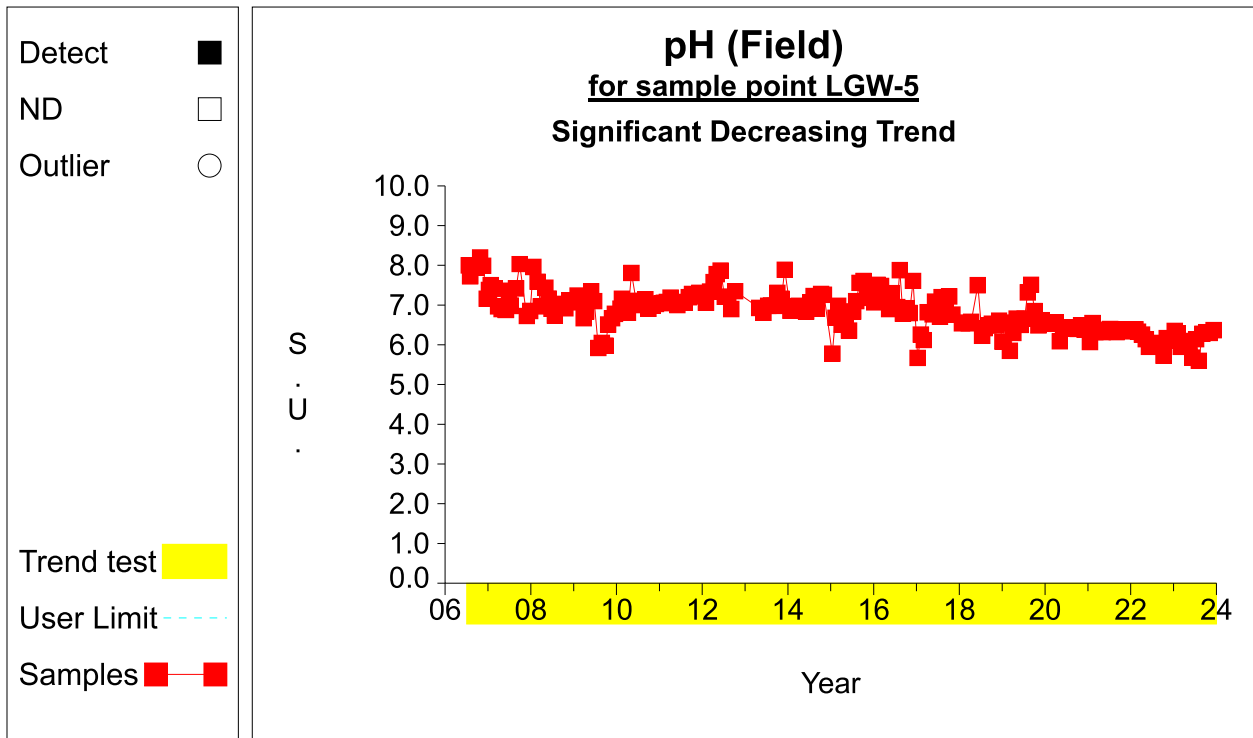
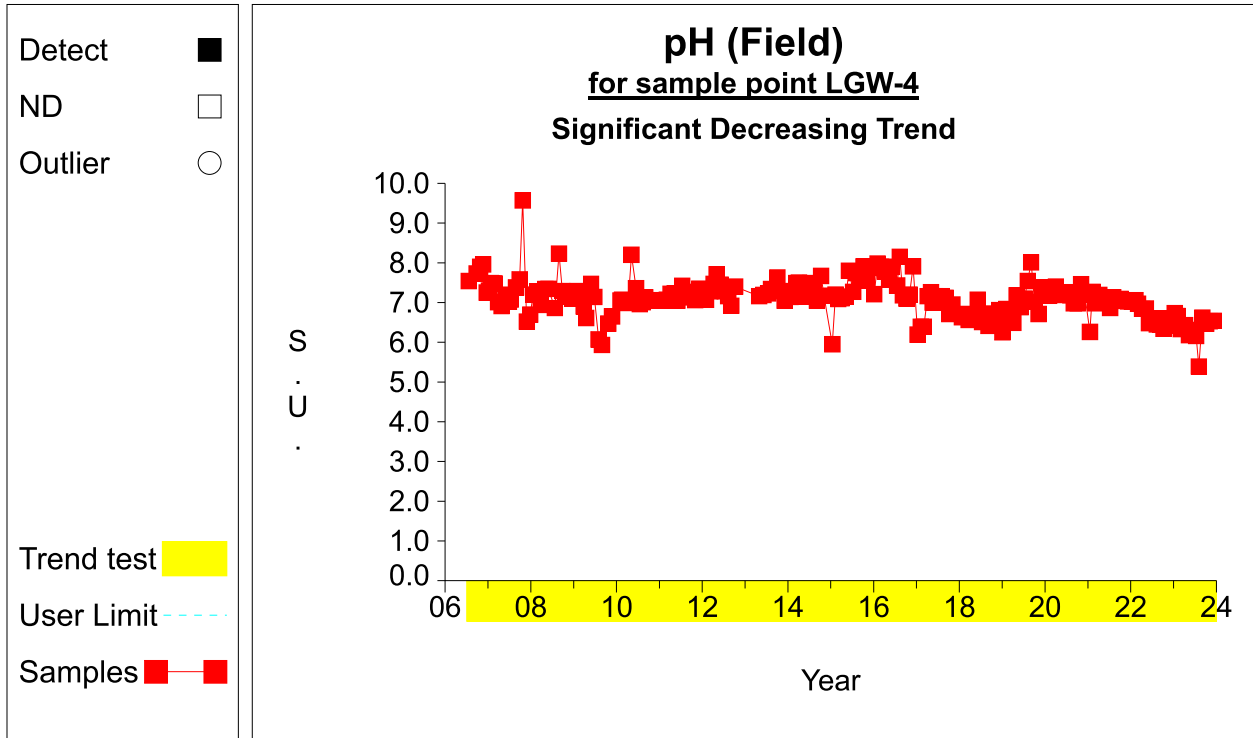
### Time Series



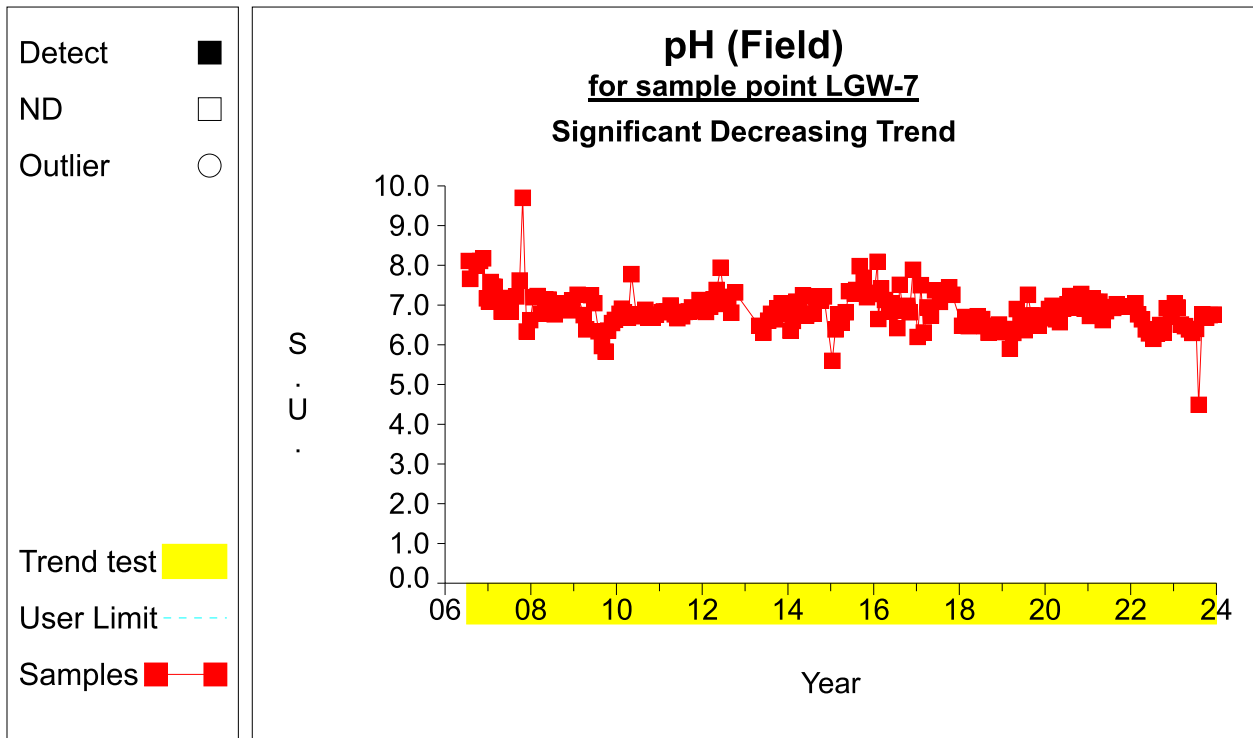
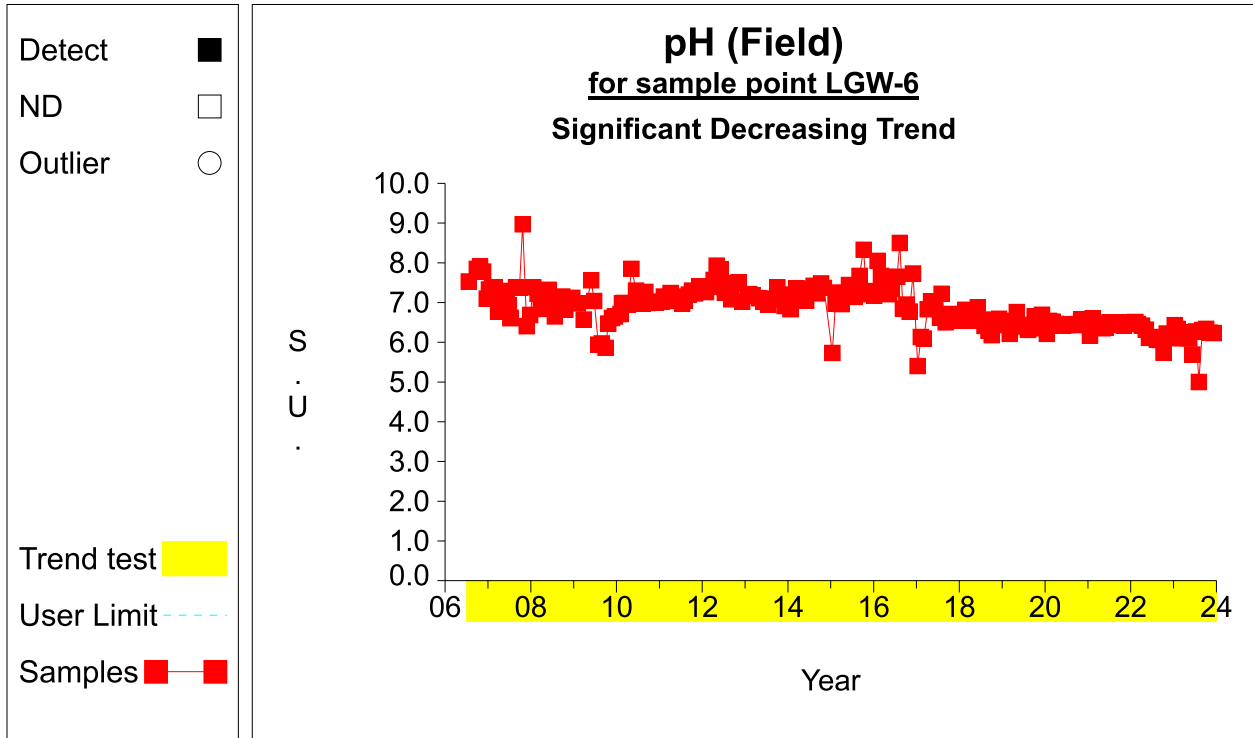
### Time Series



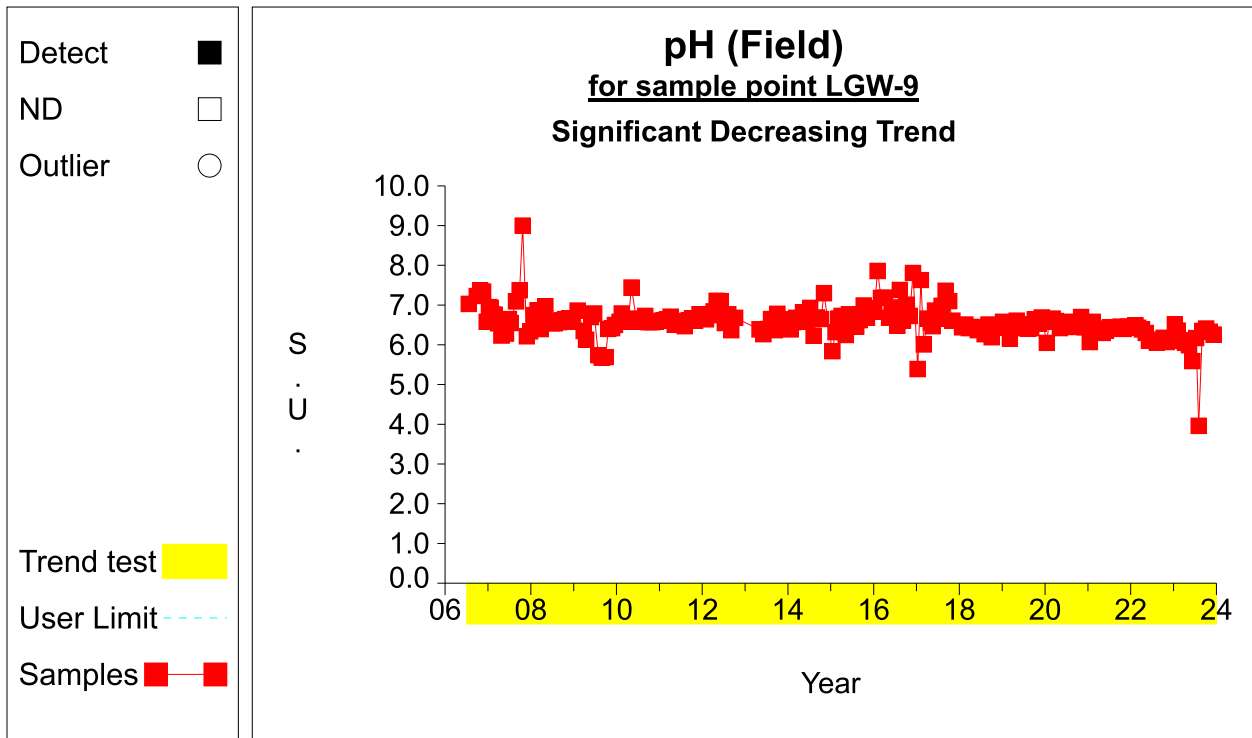
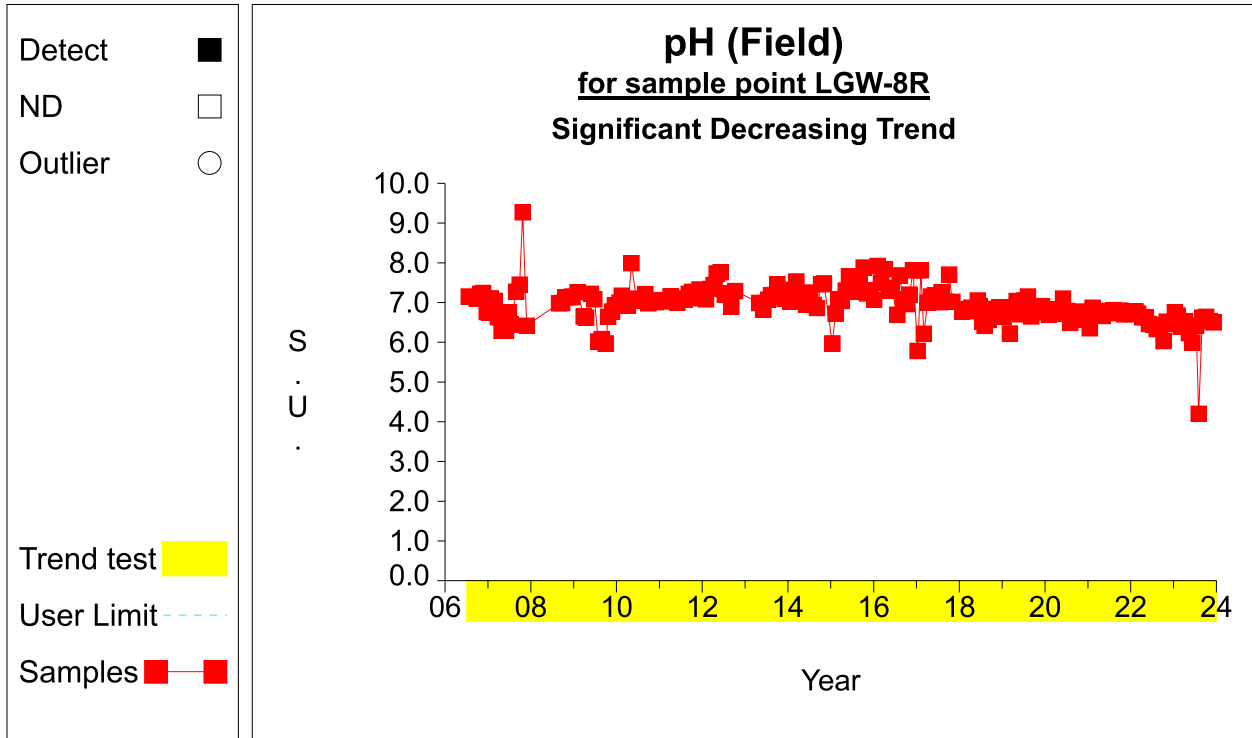
### Time Series



### Time Series

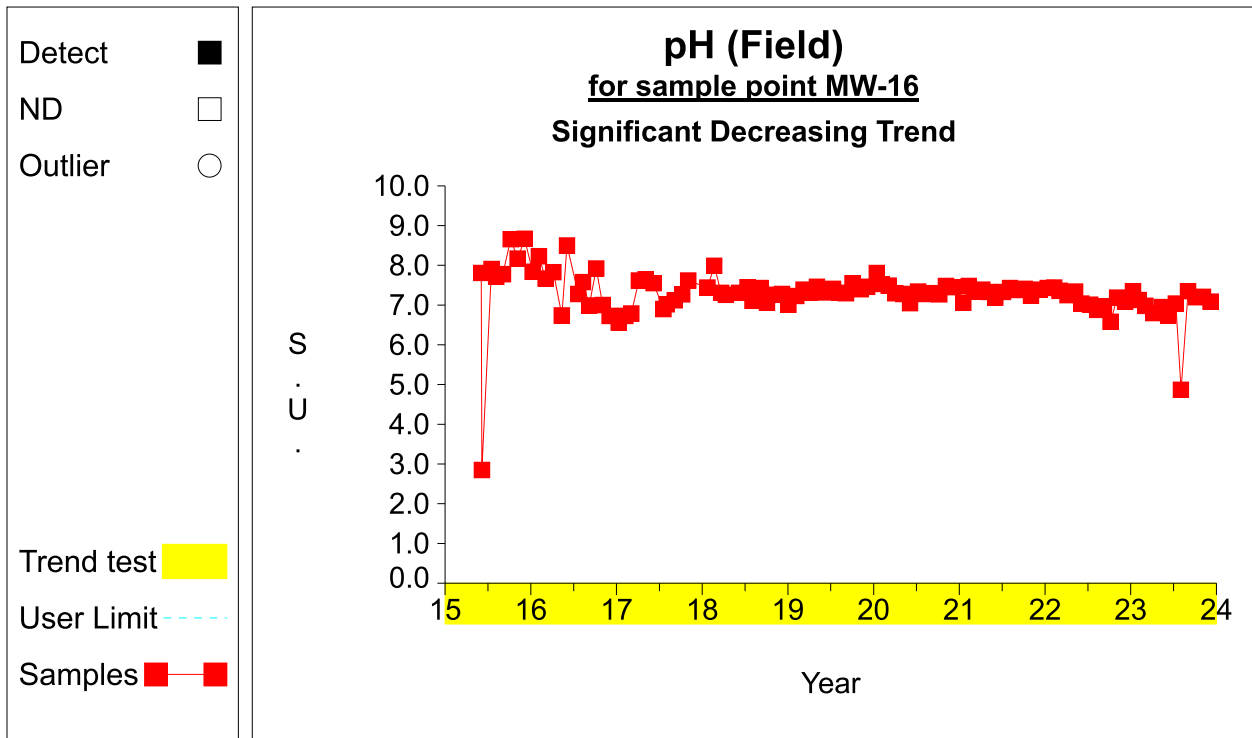
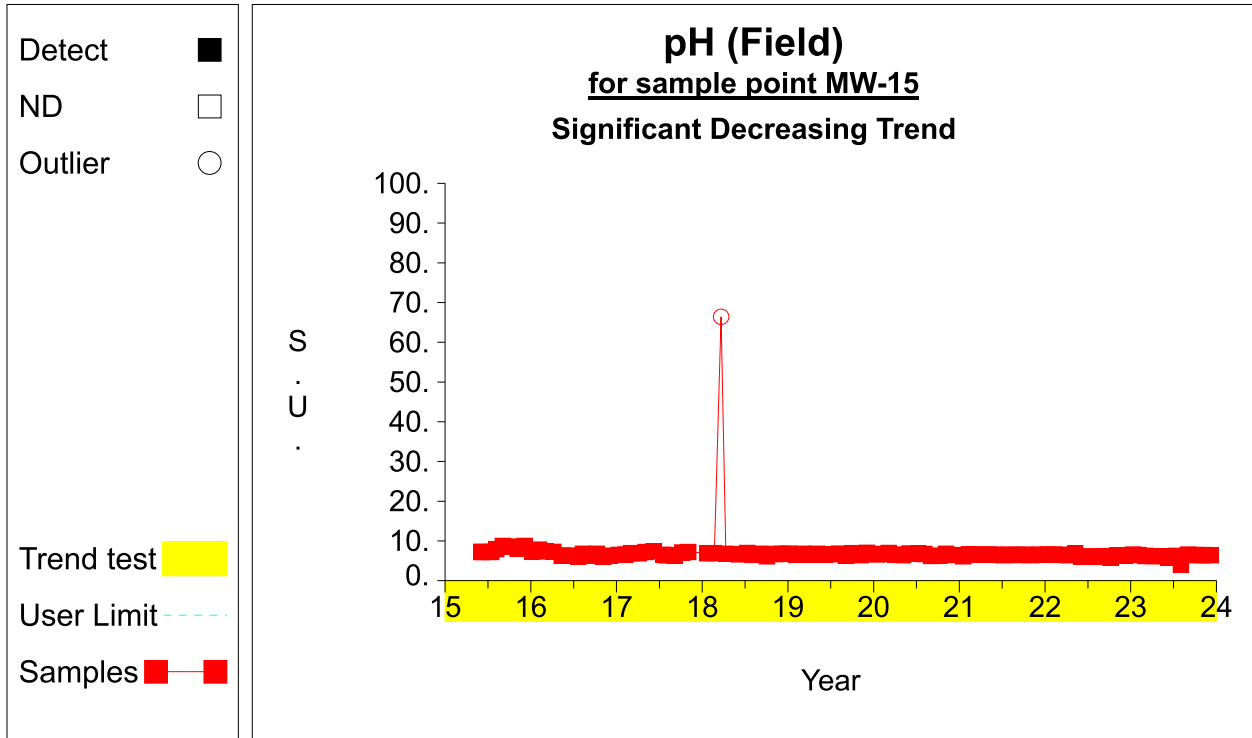


### Time Series

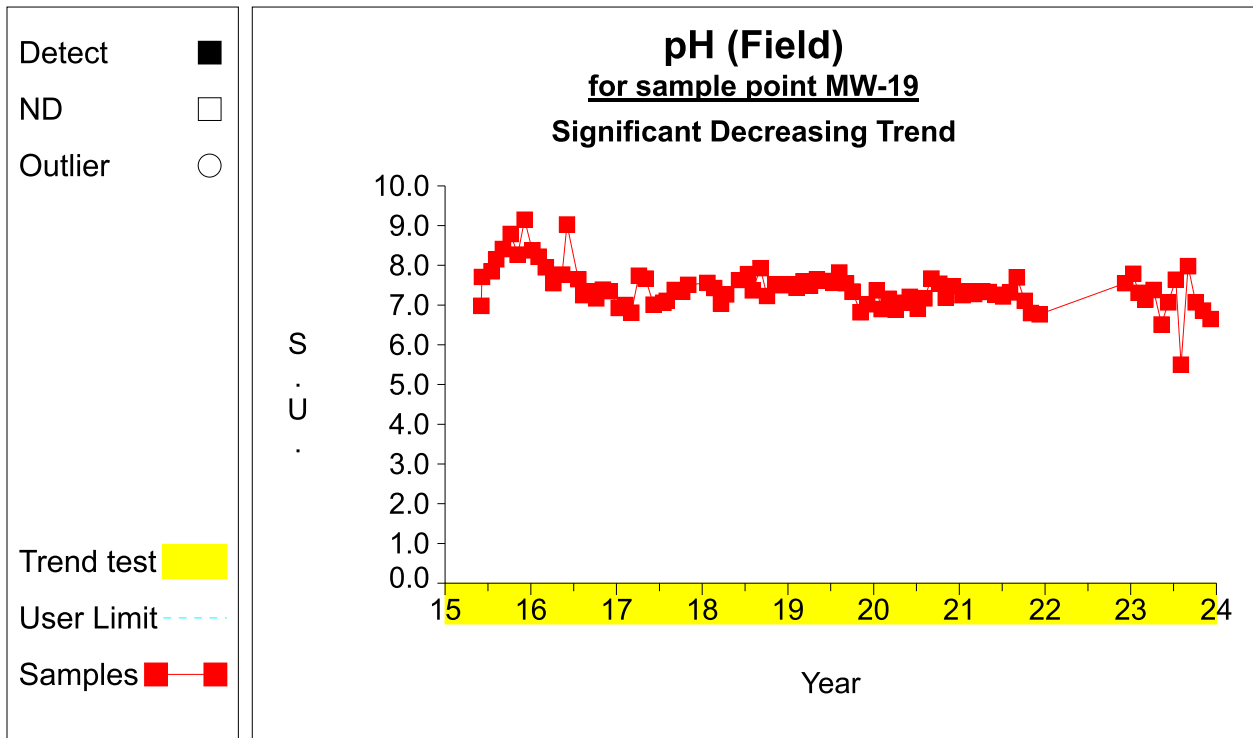
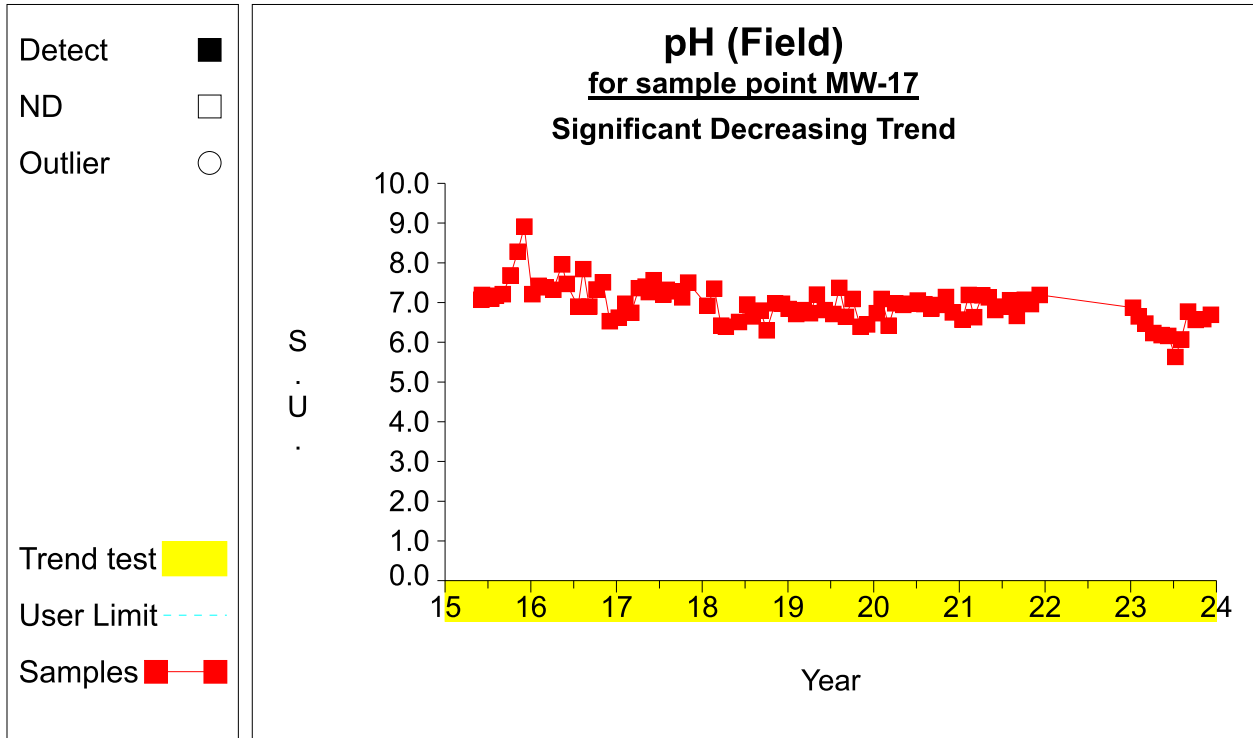




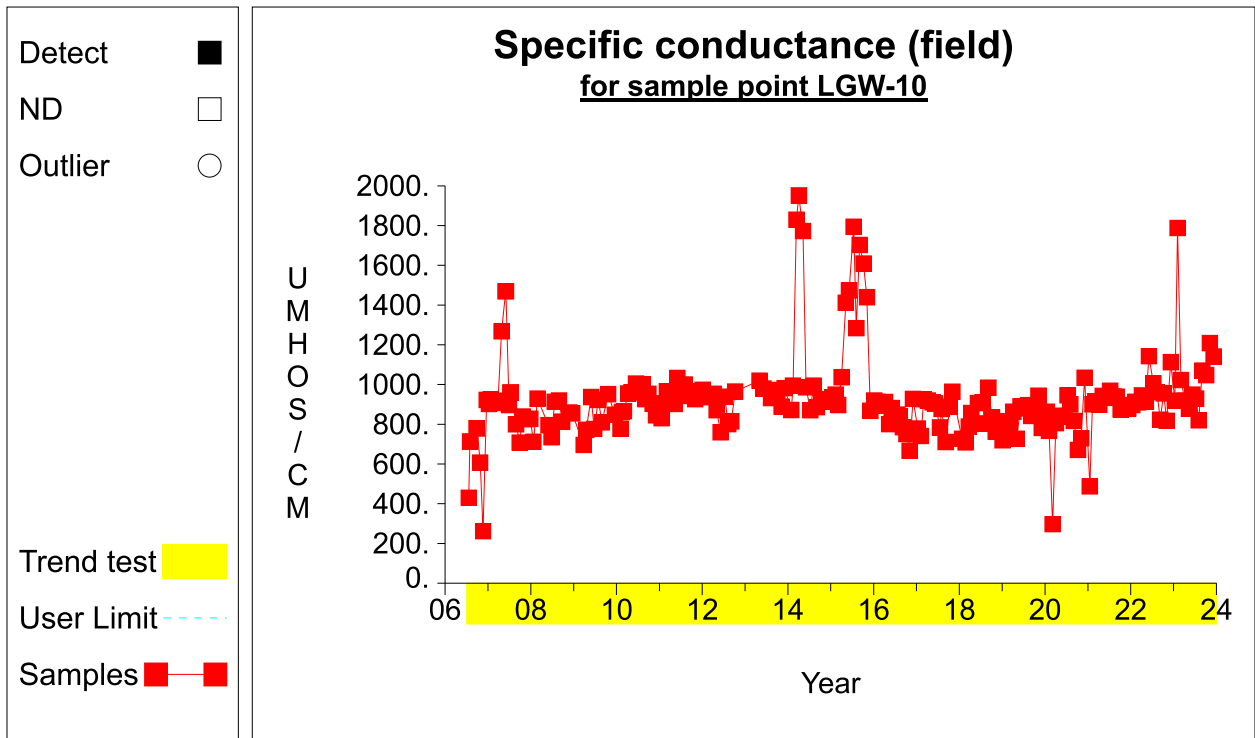
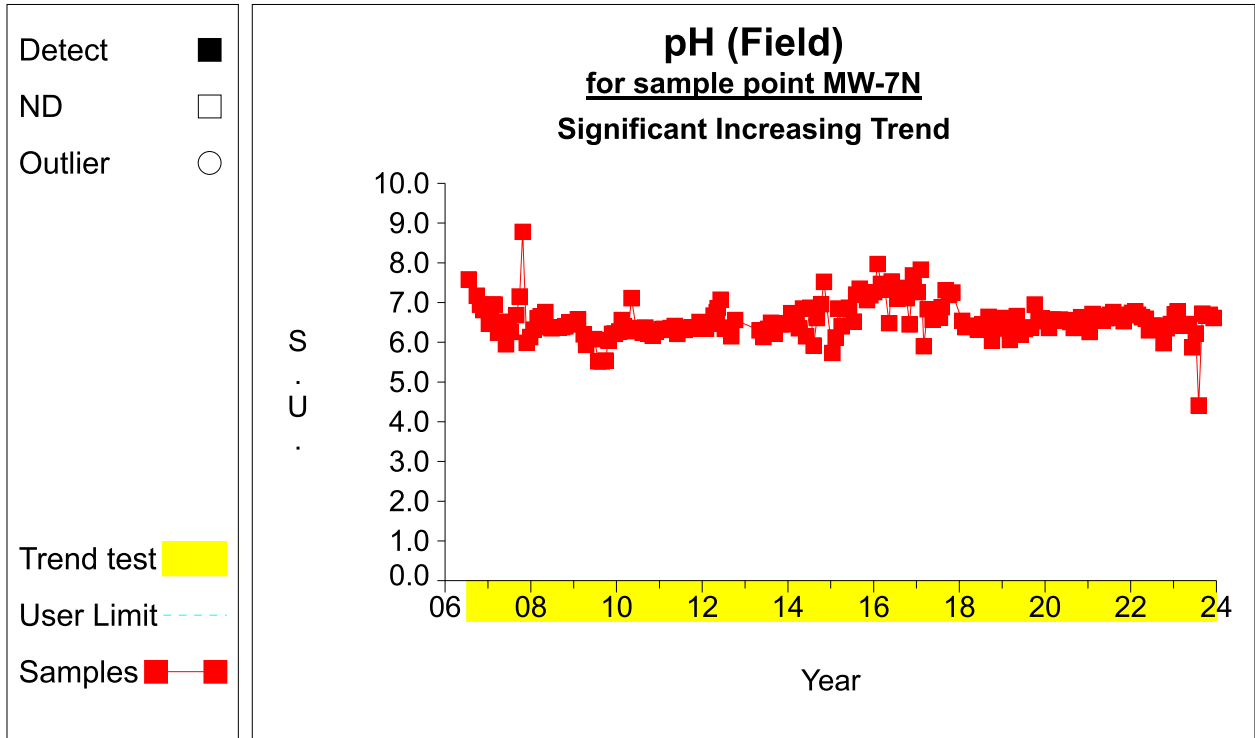
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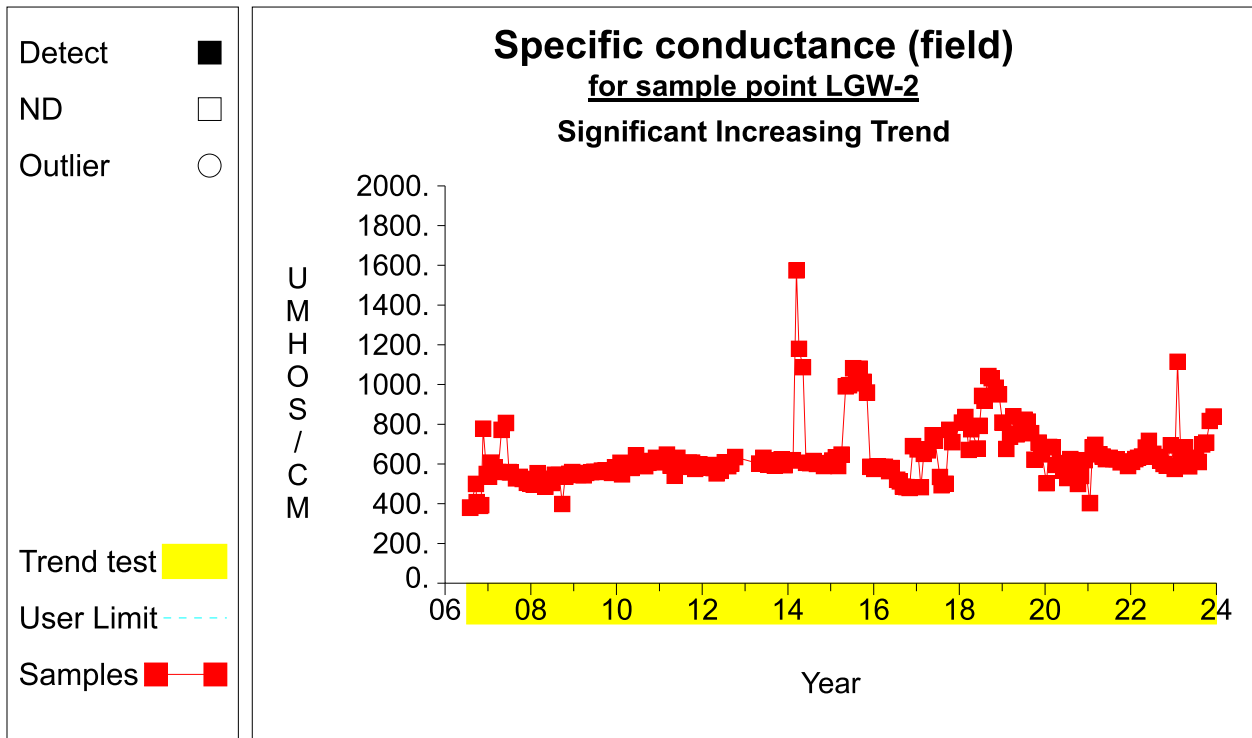
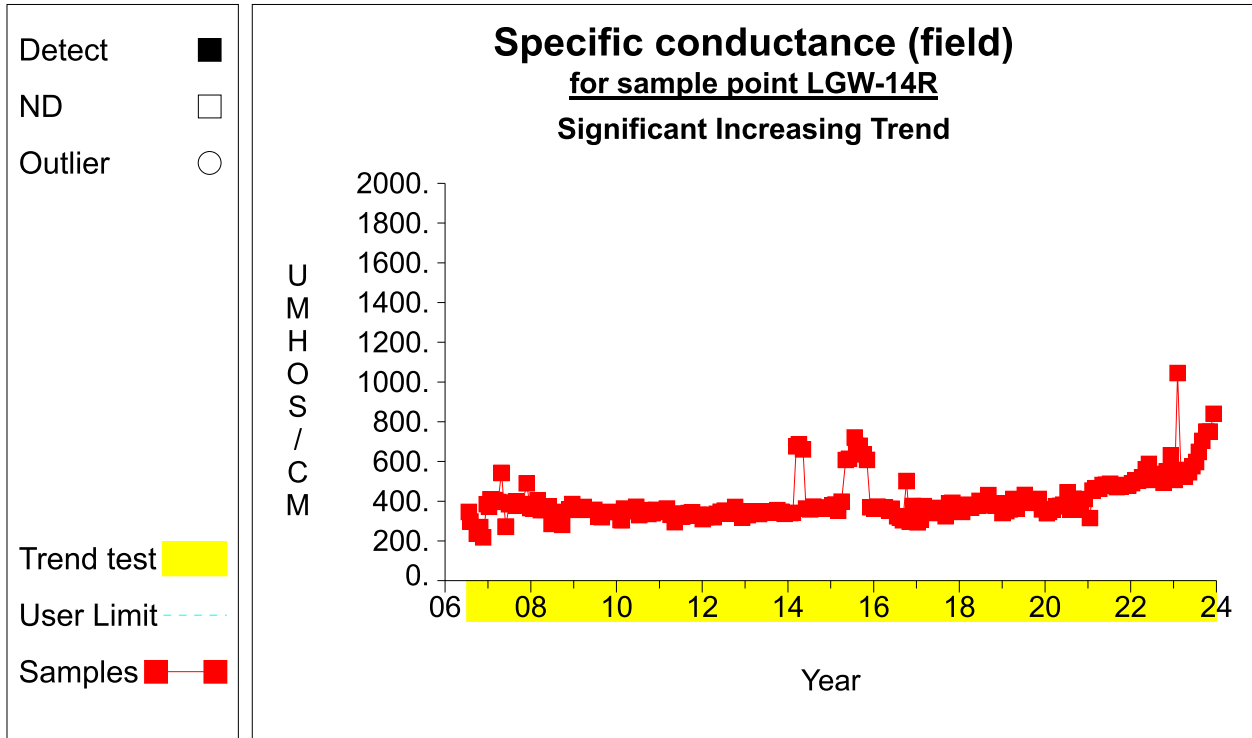
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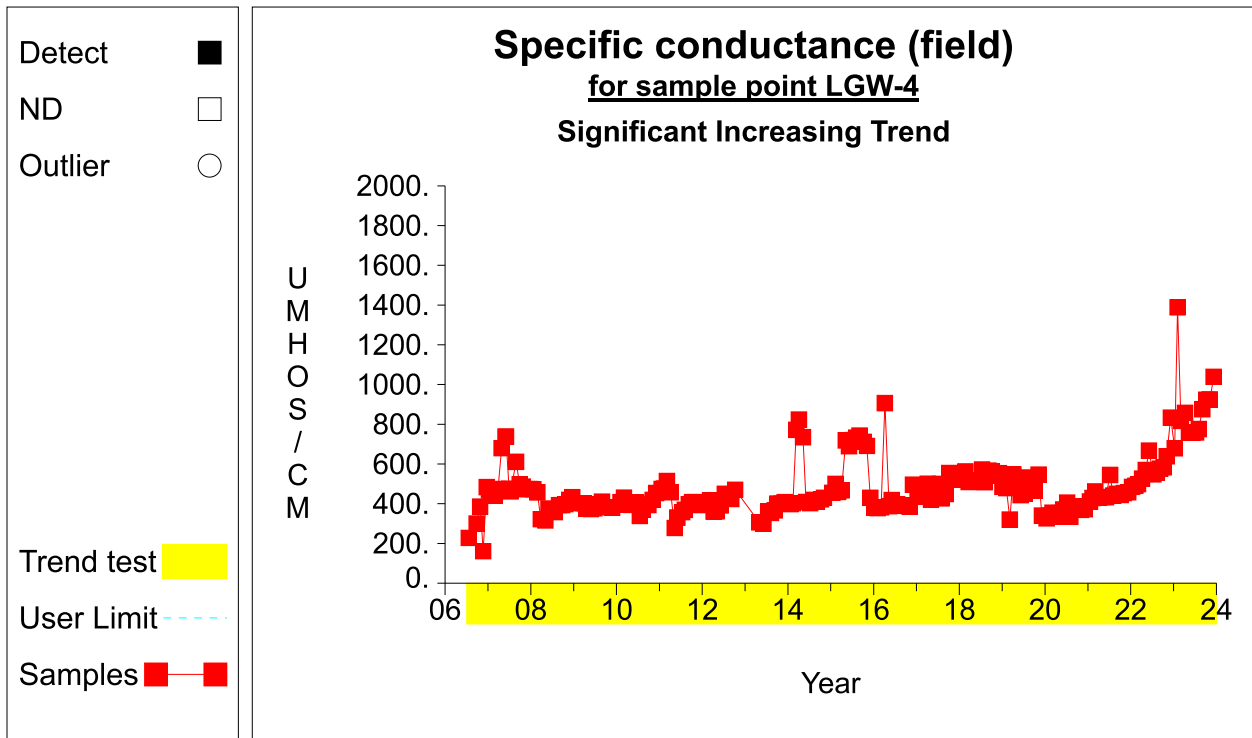
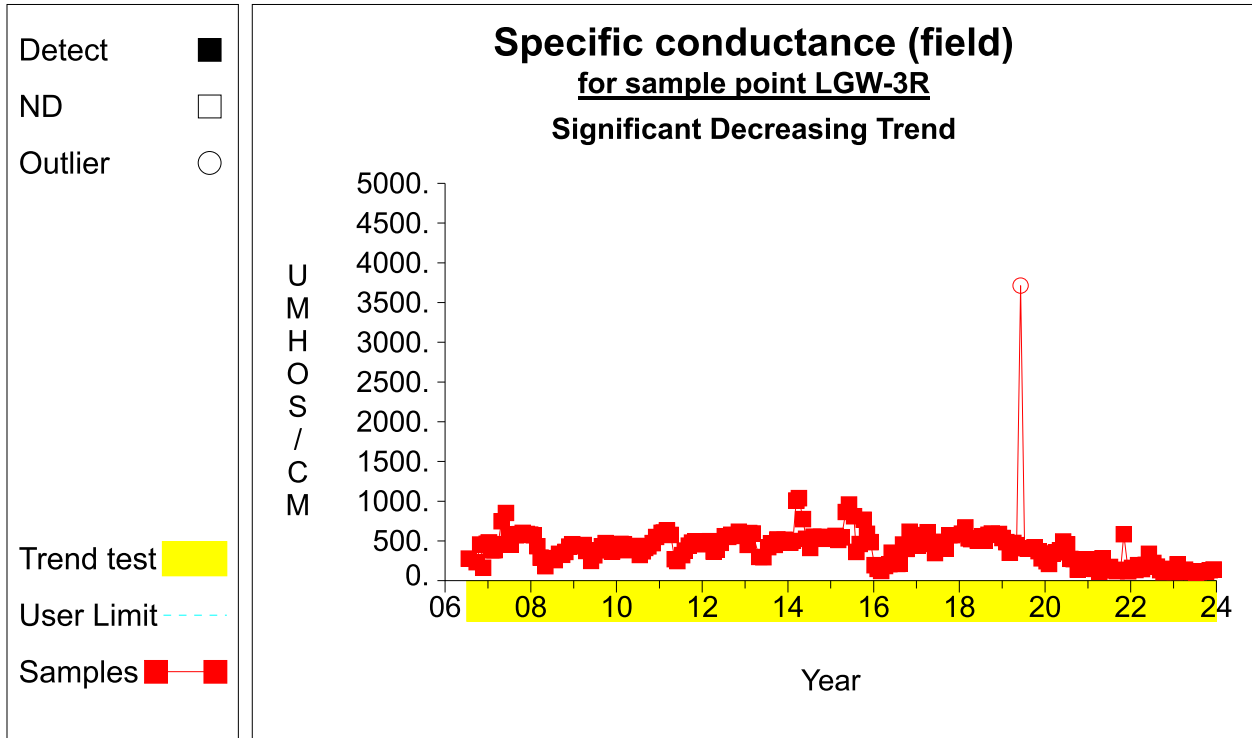
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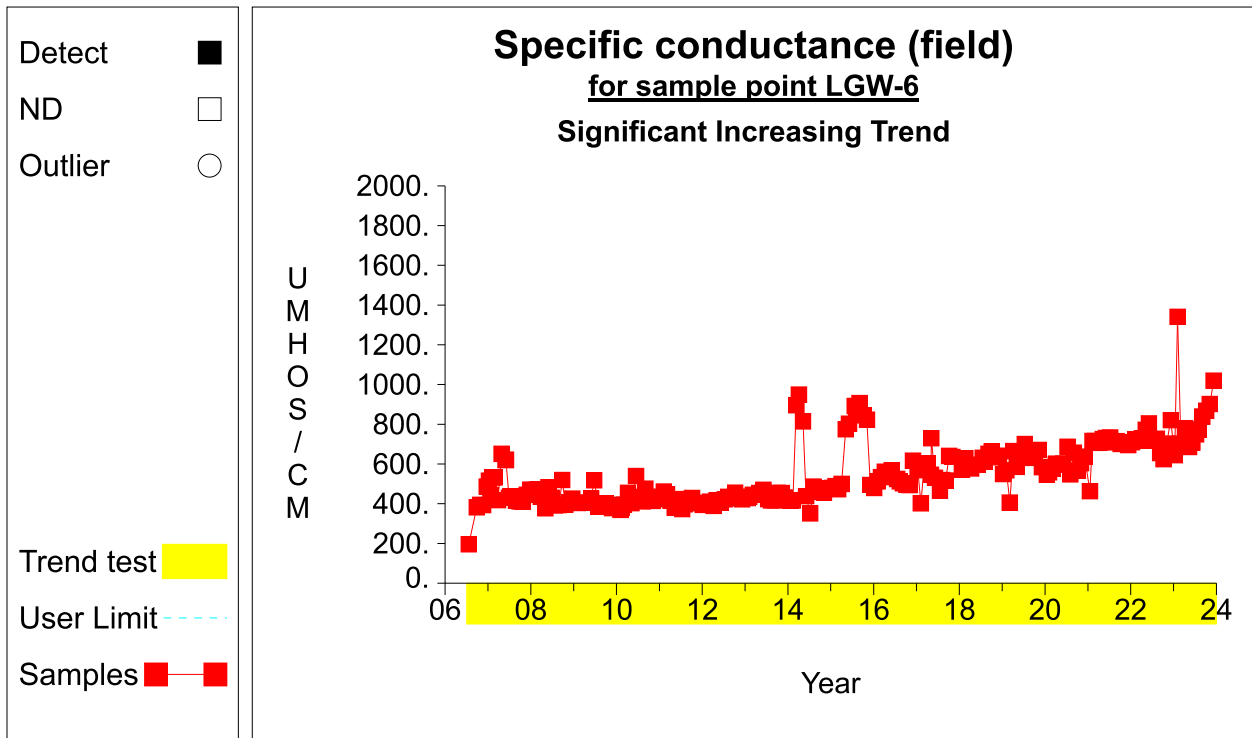
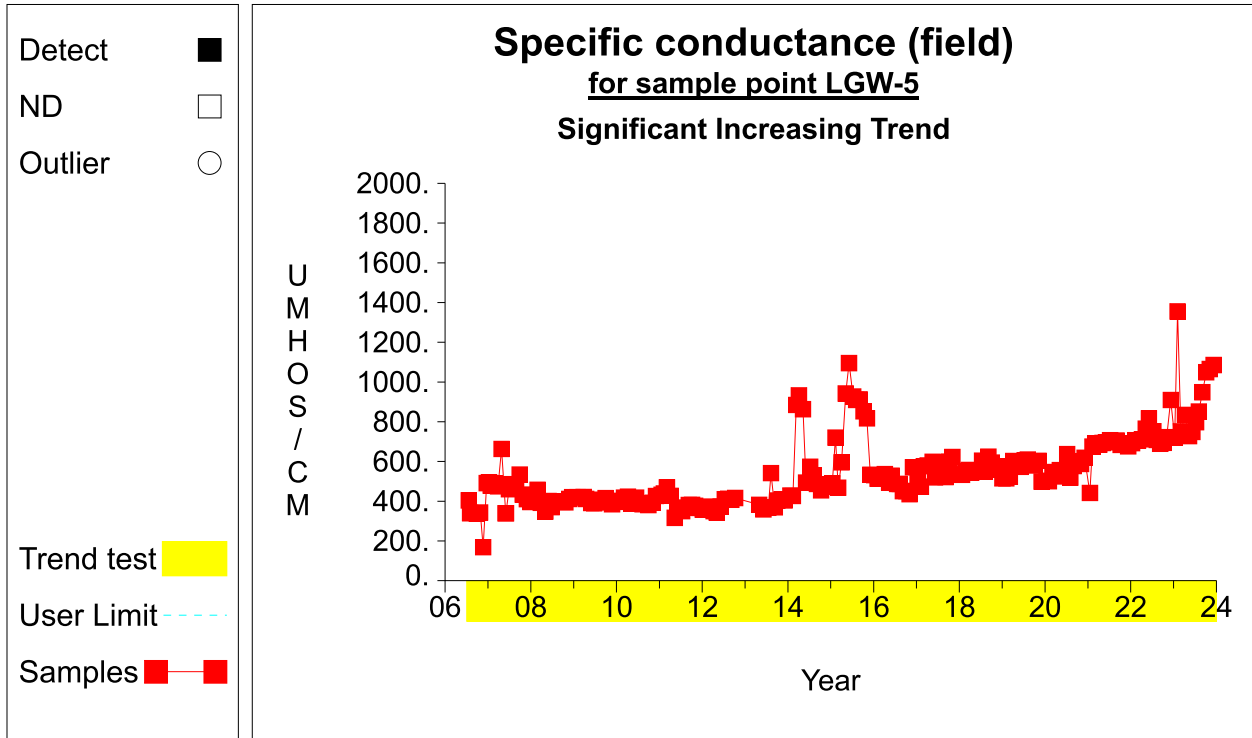
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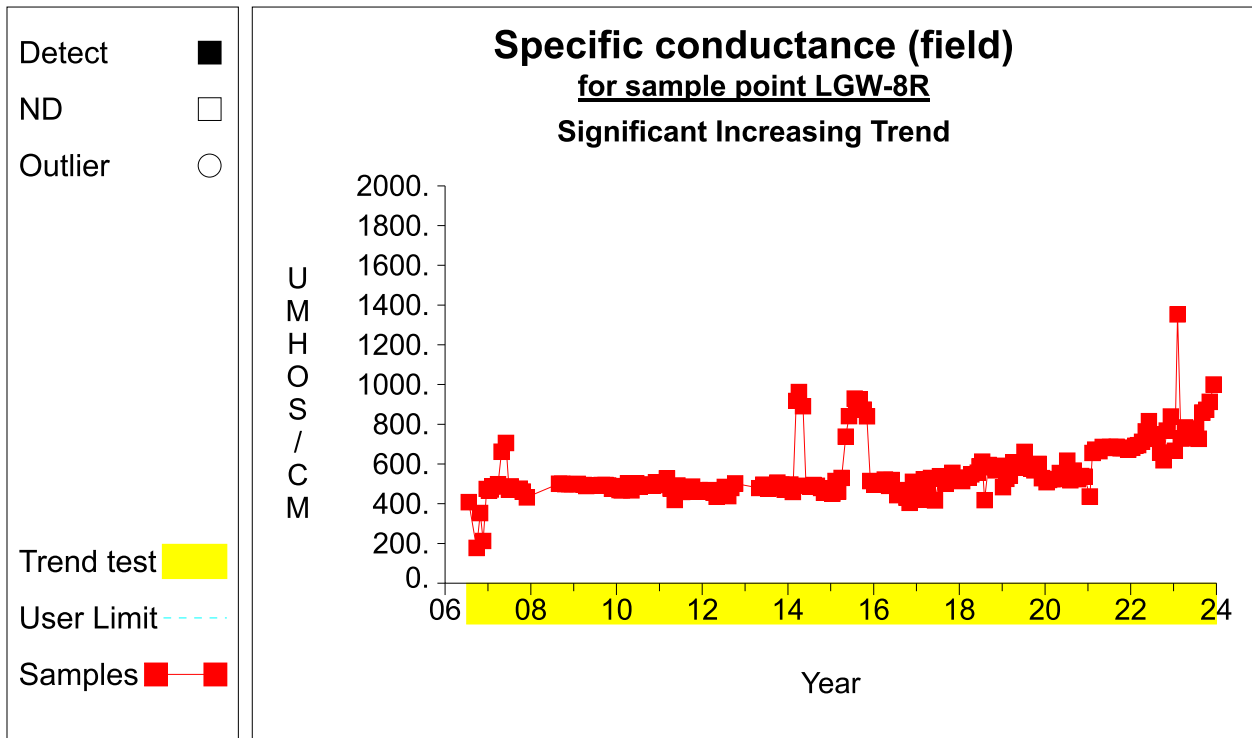
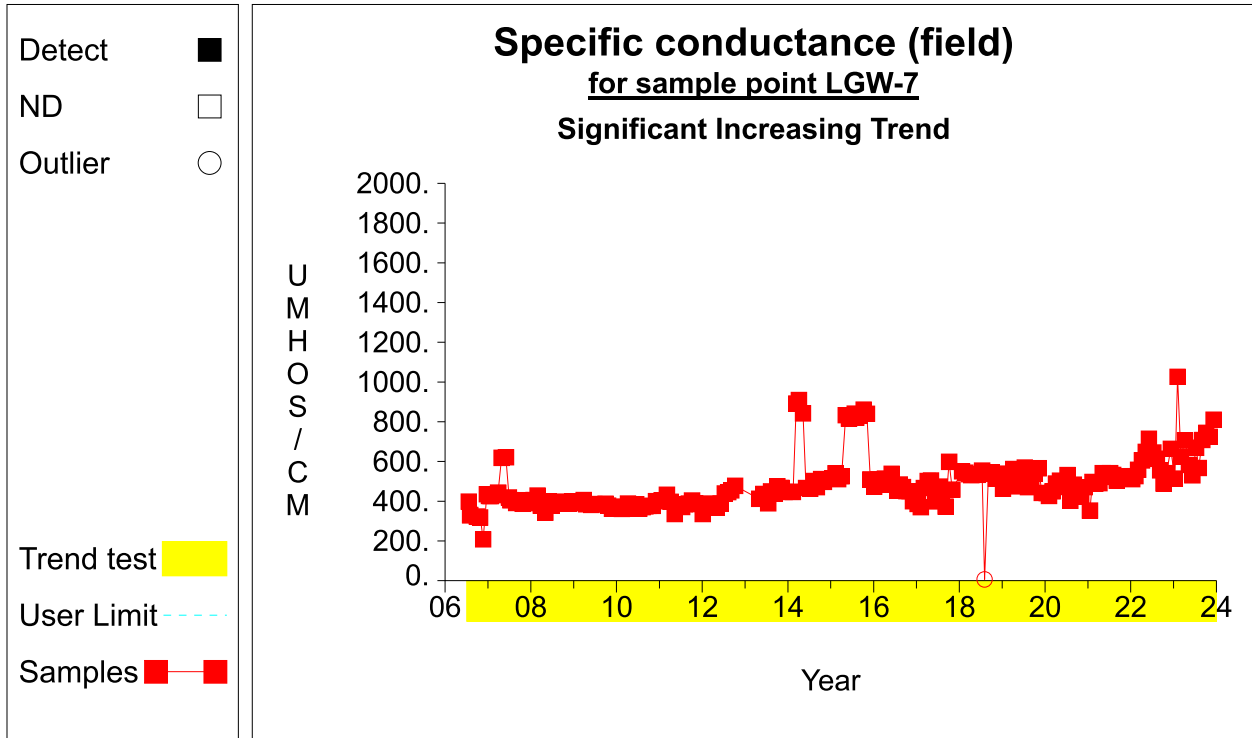
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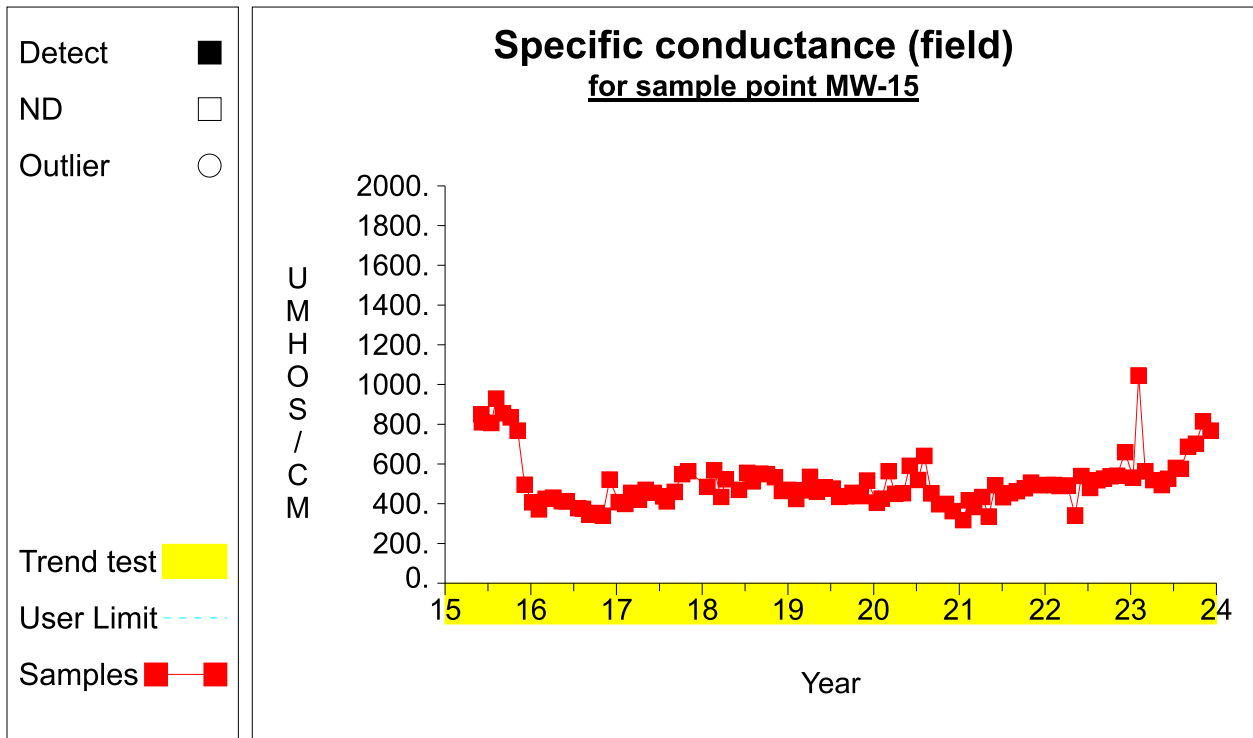
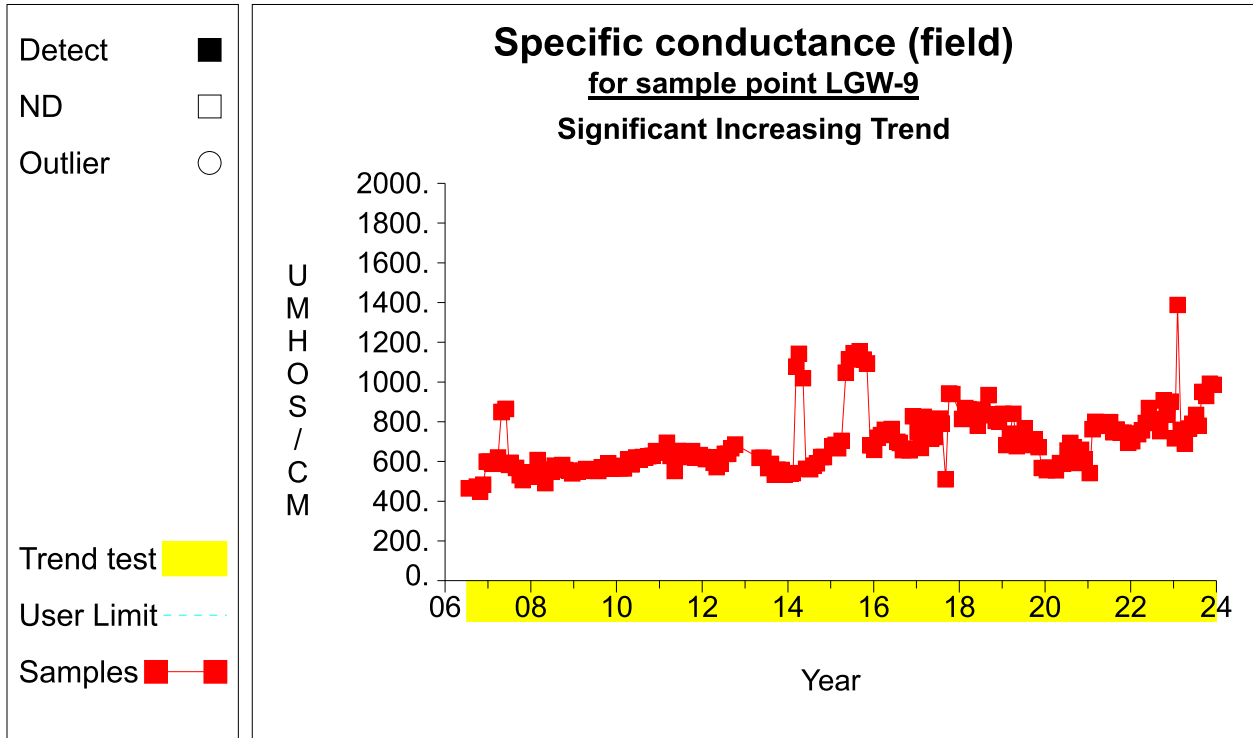
### Time Series



### Time Series

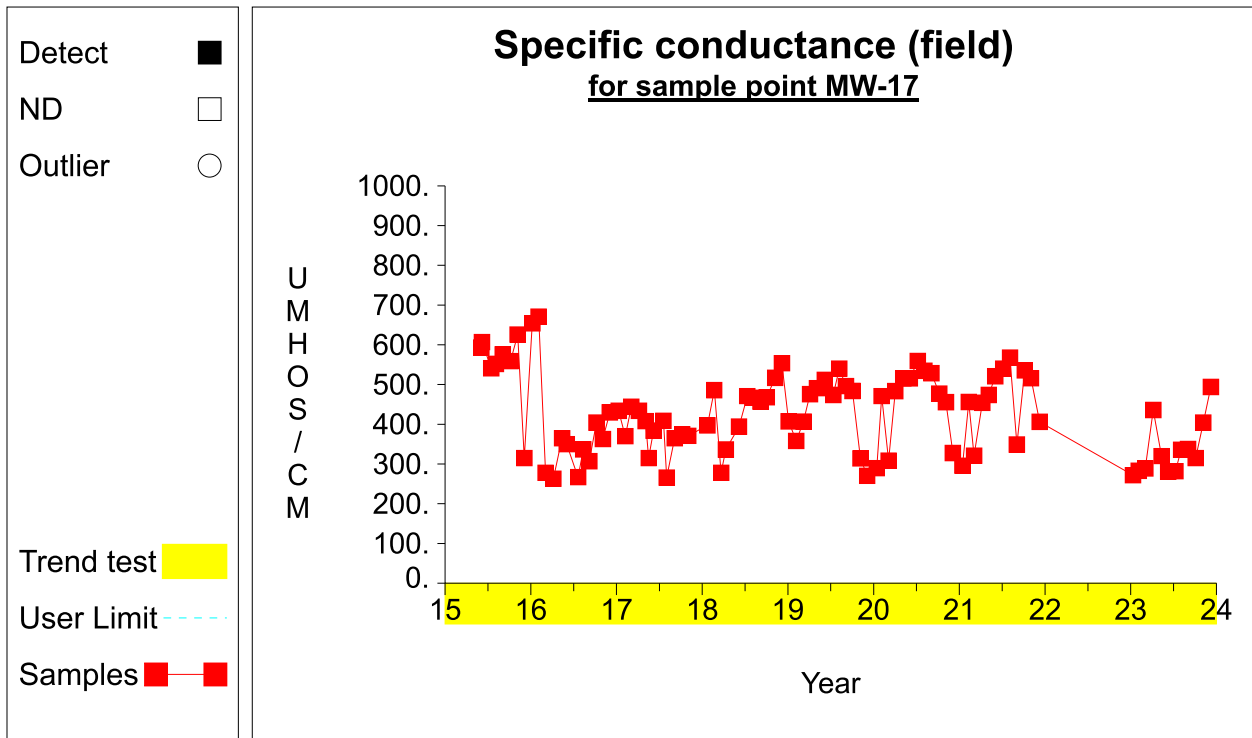
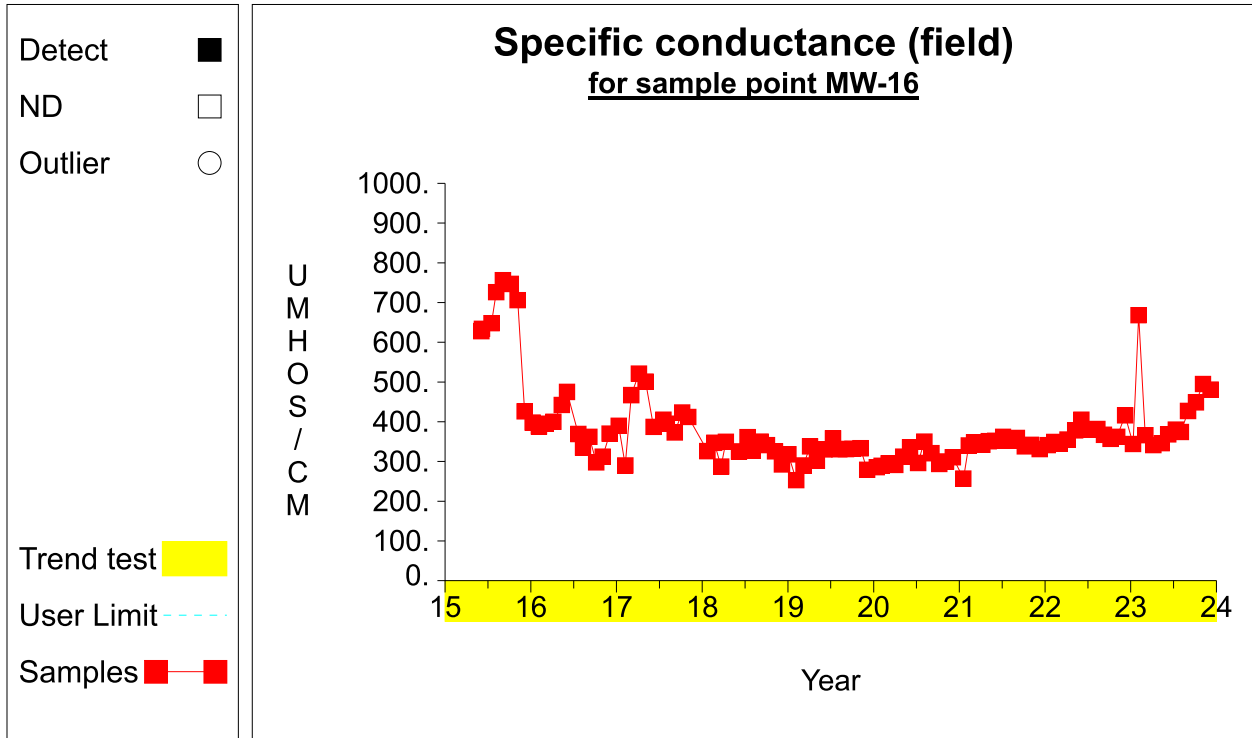


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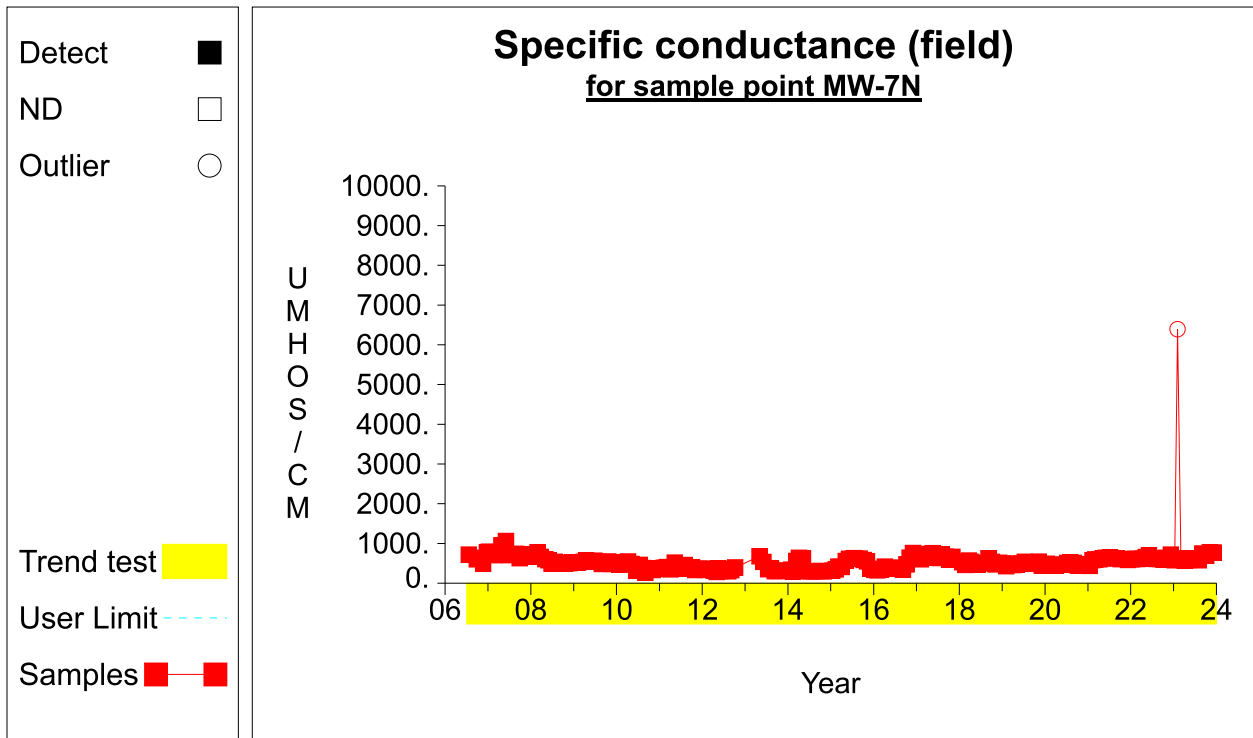
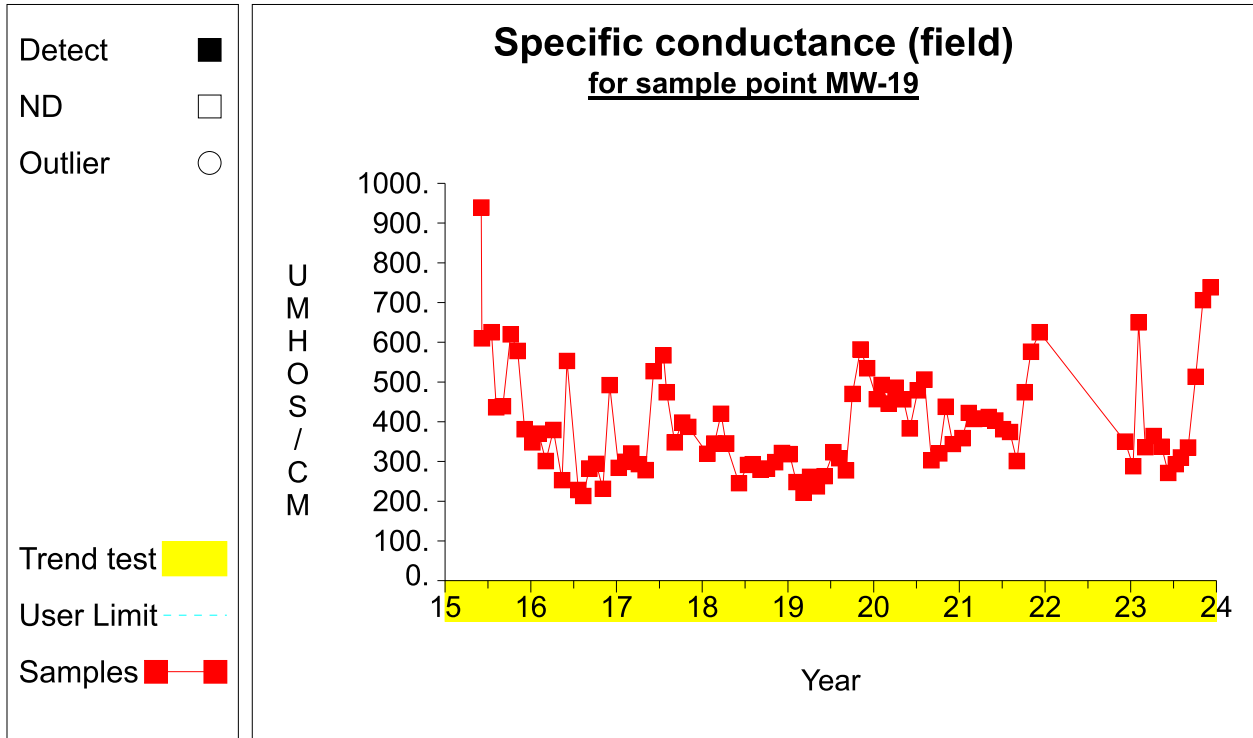




### Time Series



### Time Series



**ATTACHMENT D**

**Chloride Baseline Calculations**

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

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

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

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

Well	Date	Constituent	Results	Units	Mean Concentration	Mean Concentration x 10
LGW-4	7/20/2006	Chloride	20	mg/L	14.9	149
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		
LGW-5	8/1/2006	Chloride	13	mg/L	12.4	124
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		



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

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

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

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

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

**ATTACHMENT E**

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

		CELL 1 LCS			CELL 1 LDS				150	60		
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches) 90" Max.	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
12/1/23	Fri	28.2	64101	371	30.2	171,420	21.9	0	0.00			LDS manually pumped to verify pump is operational
12/2/23	Sat	28.2	64472	371	30.2	171,420	21.9	0	0.00	0.57		
12/3/23	Sun	28.2	64843	371	30.2	171,420	21.9	0	0.00			
12/4/23	Mon	29.9	65214	1,193	30.3	171,420	21.9	0	0.00			
12/5/23	Tue	30.3	66407	1,249	30.3	171,420	21.9	0	0.00	0.00		
12/6/23	Wed	29.2	67656	1,053	30.4	171,420	21.9	0	0.00			
12/7/23	Thu	27.4	68709	932	30.3	171,420	21.9	0	0.00		0.12	
12/8/23	Fri	28.3	69641	373	30.4	171,420	21.9	0	0.00	0.00		
12/9/23	Sat	28.3	70014	373	30.4	171,420	21.9	0	0.00			
12/10/23	Sun	28.3	70387	375	30.4	171,420	21.9	0	0.00			
12/11/23	Mon	29.3	70762	344	30.6	171,420	21.9	0	0.00	0.00		
12/12/23	Tue	27.4	71106	281	30.5	171,420	21.9	0	0.00			
12/13/23	Wed	28.7	71387	356	30.6	171,420	21.9	0	0.00			
12/14/23	Thu	27.4	71743	790	30.6	171,420	21.9	0	0.00	0.00		
12/15/23	Fri	28.4	72533	790	30.7	171,420	21.9	0	0.00			
12/16/23	Sat	28.4	73323	790	30.7	171,420	21.9	0	0.00			
12/17/23	Sun	28.4	74113	793	30.7	171,420	21.9	0	0.00	0.00		
12/18/23	Mon	29.3	74906	982	30.6	171,420	21.9	0	0.00			
12/19/23	Tue	28.7	75888	661	30.6	171,420	21.9	0	0.00			
12/20/23	Wed	29.4	76549	378	30.7	171,420	21.9	0	0.00	0.00		
12/21/23	Thu	28.2	76927	642	30.8	171,420	21.9	0	0.00		0.00	
12/22/23	Fri	27.9	77569	934	30.8	171,420	21.9	0	0.00			
12/23/23	Sat	27.9	78503	934	30.8	171,420	21.9	0	0.00	0.00		
12/24/23	Sun	27.9	79437	934	30.8	171,420	21.9	0	0.00			
12/25/23	Mon	27.9	80371	934	30.8	171,420	21.9	0	0.00			Closed for Christmas - Read averaged
12/26/23	Tue	29.8	81305	923	31.2	171,420	21.9	0	0.00	0.00		
12/27/23	Wed	29.3	82228	844	31.2	171,420	21.9	0	0.00			
12/28/23	Thu	28.3	83072	520	31.3	171,420	21.9	0	0.00			
12/29/23	Fri	29.1	83592	551	31.2	171,420	21.9	0	0.00	0.00		
12/30/23	Sat	29.1	84143	551	31.2	171,420	21.9	0	0.00			
12/31/23	Sun	29.1	84694	551	31.2	171,420	21.9	0	0.00			

		CELL 2 LCS			CELL 2 LDS			150 60				
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
12/1/23	Fri	19.8	28589	0	28.4	11,159	20.9	0	0.00	0.00		
12/2/23	Sat	19.8	28589	0	28.4	11,159	20.9	0	0.00			
12/3/23	Sun	19.8	28589	0	28.4	11,159	20.9	0	0.00			
12/4/23	Mon	20.1	28589	0	28.5	11,159	20.9	0	0.00	0.00		
12/5/23	Tue	20.4	28589	0	28.5	11,159	20.9	0	0.00			
12/6/23	Wed	20.4	28589	0	28.4	11,159	20.9	0	0.00			
12/7/23	Thu	20.9	28589	0	28.5	11,159	20.9	0	0.00	0.00		
12/8/23	Fri	21.2	28589	0	28.5	11,159	20.9	0	0.00			
12/9/23	Sat	21.2	28589	0	28.5	11,159	20.9	0	0.00			
12/10/23	Sun	21.2	28589	0	28.5	11,159	20.9	0	0.00	0.00		
12/11/23	Mon	21.9	28589	0	28.4	11,159	20.9	0	0.00		0.00	
12/12/23	Tue	22.6	28589	0	28.4	11,159	20.9	0	0.00			
12/13/23	Wed	22.9	28589	0	28.5	11,159	20.9	0	0.00	0.00		
12/14/23	Thu	23.5	28589	0	28.6	11,159	20.9	0	0.00			
12/15/23	Fri	24.2	28589	0	28.6	11,159	20.9	0	0.00			
12/16/23	Sat	24.2	28589	0	28.6	11,159	20.9	0	0.00	0.00		
12/17/23	Sun	24.2	28589	0	28.6	11,159	20.9	0	0.00			
12/18/23	Mon	24.6	28589	0	28.8	11,159	20.9	0	0.00			
12/19/23	Tue	24.9	28589	393	28.8	11,159	20.9	0	0.00	0.00		
12/20/23	Wed	22.8	28982	0	28.7	11,159	20.9	0	0.00			
12/21/23	Thu	23.1	28982	5	28.8	11,159	20.9	0	0.00			
12/22/23	Fri	23.3	28987	0	28.9	11,159	20.9	0	0.00	0.00		
12/23/23	Sat	23.3	28987	0	28.9	11,159	20.9	0	0.00			
12/24/23	Sun	23.3	28987	0	28.9	11,159	20.9	0	0.00			
12/25/23	Mon	23.3	28987	0	28.9	11,159	20.9	0	0.00	0.00	0.00	Closed for Christmas - Read averaged
12/26/23	Tue	21.7	28987	0	29.3	11,159	20.9	0	0.00			
12/27/23	Wed	21.9	28987	0	29.4	11,159	20.9	0	0.00			
12/28/23	Thu	22	28987	0	29.4	11,159	20.9	0	0.00	0.00		
12/29/23	Fri	22.1	28987	0	29.5	11,159	20.9	0	0.00			
12/30/23	Sat	22.1	28987	0	29.5	11,159	20.9	0	0.00			
12/31/23	Sun	22.1	28987	0	29.5	11,159	20.9	0	0.00	0.00		



		CELL 3 LCS			CELL 3 LDS				150	60		
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
12/1/23	Fri	25.2	160851	1,009	29.4	43	33.7	0	0.00			
12/2/23	Sat	25.2	161860	1,009	29.4	43	33.7	0	0.00			
12/3/23	Sun	25.2	162869	1,011	29.4	43	33.7	0	0.00	0.00		
12/4/23	Mon	26.3	163880	791	29.5	43	33.7	0	0.00			
12/5/23	Tue	27.4	164671	839	29.5	43	33.7	0	0.00			
12/6/23	Wed	27.3	165510	0	29.6	43	33.7	0	0.00	0.00		
12/7/23	Thu	28.2	165510	0	29.7	43	33.7	0	0.00			
12/8/23	Fri	28.7	165510	1,505	29.6	43	33.7	0	0.00			
12/9/23	Sat	28.7	167015	1,505	29.6	43	33.7	0	0.00	0.00		
12/10/23	Sun	28.7	168520	1,505	29.6	43	33.7	0	0.00			
12/11/23	Mon	23.6	170025	0	29.8	43	33.7	0	0.00			
12/12/23	Tue	24.5	170025	0	29.8	43	33.7	0	0.00	0.00		
12/13/23	Wed	25.1	170025	0	29.9	43	33.7	0	0.00			
12/14/23	Thu	27.3	170025	3,948	29.8	43	33.7	0	0.00		0.00	
12/15/23	Fri	20.9	173973	0	29.8	43	33.7	0	0.00	0.00		
12/16/23	Sat	20.9	173973	0	29.8	43	33.7	0	0.00			
12/17/23	Sun	20.9	173973	0	29.8	43	33.7	0	0.00			
12/18/23	Mon	22.6	173973	0	30.1	43	33.7	0	0.00	0.00		
12/19/23	Tue	23.1	173973	0	30.1	43	33.7	0	0.00			
12/20/23	Wed	24.2	173973	0	30.2	43	33.7	0	0.00			
12/21/23	Thu	25	173973	0	30.2	43	33.7	0	0.00	0.00		
12/22/23	Fri	25.4	173973	0	30.2	43	33.7	0	0.00			
12/23/23	Sat	25.4	173973	0	30.2	43	33.7	0	0.00			
12/24/23	Sun	25.4	173973	0	30.2	43	33.7	0	0.00	0.00		
12/25/23	Mon	25.4	173973	0	30.2	43	33.7	0	0.00			Closed for Christmas - Read averaged
12/26/23	Tue	28.4	173973	4,706	30.8	43	33.7	0	0.00			
12/27/23	Wed	20.7	178679	0	30.9	43	33.7	0	0.00	0.00		
12/28/23	Thu	21.2	178679	0	30.9	43	33.7	0	0.00		0.00	
12/29/23	Fri	21.8	178679	0	30.8	43	33.7	0	0.00			
12/30/23	Sat	21.8	178679	0	30.8	43	33.7	0	0.00	0.00		
12/31/23	Sun	21.8	178679	0	30.8	43	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
12/1/23	Fri	18	48474	842	34.2	8,355	20.3	0	0.00	0.00		
12/2/23	Sat	18	49316	842	34.2	8,355	20.3	0	0.00			
12/3/23	Sun	18	50158	843	34.2	8,355	20.3	0	0.00			
12/4/23	Mon	18.1	51001	1,299	34.2	8,355	20.3	0	0.00	0.00		
12/5/23	Tue	17.6	52300	1,460	34.3	8,355	20.3	0	0.00			
12/6/23	Wed	17.7	53760	1,051	34.2	8,355	20.3	0	0.00		0.02	
12/7/23	Thu	17.2	54811	1,094	34.3	8,355	20.3	0	0.00	0.00		
12/8/23	Fri	18	55905	1,147	34.3	8,355	20.3	0	0.00			
12/9/23	Sat	18	57052	1,147	34.3	8,355	20.3	0	0.00			
12/10/23	Sun	18	58199	1,147	34.3	8,355	20.3	0	0.00	0.00		
12/11/23	Mon	17.4	59346	1,133	34.2	8,355	20.3	0	0.00			
12/12/23	Tue	18	60479	1,160	34.2	8,355	20.3	0	0.00			
12/13/23	Wed	17.7	61639	1,191	34.3	8,355	20.3	0	0.00	0.00		
12/14/23	Thu	18	62830	1,139	34.3	8,355	20.3	0	0.00			
12/15/23	Fri	18.1	63969	1,088	34.5	8,355	20.3	0	0.00			
12/16/23	Sat	18.1	65057	1,088	34.5	8,355	20.3	0	0.00	0.00		
12/17/23	Sun	18.1	66145	1,090	34.5	8,355	20.3	0	0.00			
12/18/23	Mon	17.7	67235	1,001	34.7	8,355	20.3	0	0.00			
12/19/23	Tue	18	68236	1,179	34.7	8,355	20.3	0	0.00	0.00		
12/20/23	Wed	18.2	69415	1,087	34.8	8,355	20.3	0	0.00		0.00	
12/21/23	Thu	17.3	70502	1,060	34.8	8,355	20.3	0	0.00			
12/22/23	Fri	18	71562	1,083	34.8	8,355	20.3	0	0.00	0.00		
12/23/23	Sat	18	72645	1,083	34.8	8,355	20.3	0	0.00			
12/24/23	Sun	18	73728	1,083	34.8	8,355	20.3	0	0.00			
12/25/23	Mon	18	74811	1,085	34.8	8,355	20.3	0	0.00	0.00		Closed for Christmas - Read averaged
12/26/23	Tue	18	75896	1,088	34.9	8,355	20.3	0	0.00			
12/27/23	Wed	18.3	76984	1,188	34.9	8,355	20.3	0	0.00			
12/28/23	Thu	18.6	78172	1,319	34.8	8,355	20.3	0	0.00	0.00		
12/29/23	Fri	15.5	79491	1,287	35.0	8,355	20.3	0	0.00			
12/30/23	Sat	15.5	80778	1,287	35.0	8,355	20.3	0	0.00			
12/31/23	Sun	15.5	82065	1,287	35.0	8,355	20.3	0	0.00	0.00		

		CELL 5 LCS			CELL 5 LDS				150 60			
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
12/1/2023	Fri	18.9	5144740	5193	17.1	8300	26	0	0.00			
12/2/2023	Sat	18.9	5149933	5193	17.1	8300	26	0	0.00	0.00		
12/3/2023	Sun	18.9	5155126	5293	17.1	8300	26	0	0.00			
12/4/2023	Mon	16.9	5160419	9563	17.2	8300	26	0	0.00			
12/5/2023	Tue	15.2	5169982	11119	17.1	8300	26	0	0.00	0.00		
12/6/2023	Wed	12.9	5181101	8822	17.2	8300	26	0	0.00			
12/7/2023	Thu	16.8	5189923	7106	17.2	8300	26	0	0.00			
12/8/2023	Fri	19.1	5197029	6263	17.3	8300	26	0	0.00	0.00		
12/9/2023	Sat	19.1	5203292	6263	17.3	8300	26	0	0.00			
12/10/2023	Sun	19.1	5209555	6263	17.3	8300	26	0	0.00			
12/11/2023	Mon	19.6	5215818	4983	17	8300	26	0	0.00	0.00	0.00	
12/12/2023	Tue	11.2	5220801	3716	17	8300	26	0	0.00			
12/13/2023	Wed	14.2	5224517	3130	17.1	8300	26	0	0.00			
12/14/2023	Thu	18.2	5227647	3047	17	8300	26	0	0.00	0.00		
12/15/2023	Fri	17	5230694	5433	16.9	8300	26	0	0.00			
12/16/2023	Sat	17	5236127	5433	16.9	8300	26	0	0.00			
12/17/2023	Sun	17	5241560	5433	16.9	8300	26	0	0.00	0.00		
12/18/2023	Mon	15.7	5246993	6232	17	8300	26	0	0.00			
12/19/2023	Tue	19.6	5253225	4750	17.1	8300	26	0	0.00			
12/20/2023	Wed	14.4	5257975	3114	17	8300	26	0	0.00	0.00		
12/21/2023	Thu	15.9	5261089	5887	17	8300	26	27	7.30			
12/22/2023	Fri	12.3	5266976	5910	16.9	8327	26	0	0.00			
12/23/2023	Sat	12.3	5272886	5910	16.9	8327	26	0	0.00	2.43		
12/24/2023	Sun	12.3	5278796	5910	16.9	8327	26	0	0.00			
12/25/2023	Mon	12.3	5284706	5912	16.9	8327	26	0	0.00		0.52	Closed for Christmas - Read averaged
12/26/2023	Tue	18.9	5290618	6915	16.8	8327	26	0	0.00	0.00		
12/27/2023	Wed	15.6	5297533	8461	16.8	8327	26	0	0.00			
12/28/2023	Thu	17.1	5305994	6739	16.7	8327	26	0	0.00			
12/29/2023	Fri	16.2	5312733	5401	16.8	8327	26	0	0.00	0.00		
12/30/2023	Sat	16.2	5318134	5401	16.8	8327	26	0	0.00			
12/31/2023	Sun	16.2	5323535	5401	16.8	8327	26	0	0.00			

		CELL 6 LCS			CELL 6 LDS			150 60				
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
12/1/2023	Fri	13.2	1517468	1895	16.7	2892	42.4	0	0.00			
12/2/2023	Sat	13.2	1519363	1895	16.7	2892	42.4	0	0.00	0.35		
12/3/2023	Sun	13.2	1521258	1897	16.7	2892	42.4	0	0.00			
12/4/2023	Mon	15.9	1523155	1524	16.7	2892	42.4	0	0.00			
12/5/2023	Tue	17.1	1524679	2766	16.8	2892	42.4	0	0.00	0.00		
12/6/2023	Wed	12.9	1527445	1325	16.8	2892	42.4	0	0.00			
12/7/2023	Thu	16.6	1528770	1823	16.9	2892	42.4	0	0.00			
12/8/2023	Fri	19.7	1530593	1465	16.9	2892	42.4	0	0.00	0.00		
12/9/2023	Sat	19.7	1532058	1465	16.9	2892	42.4	0	0.00			
12/10/2023	Sun	19.7	1533523	1467	16.9	2892	42.4	0	0.00			
12/11/2023	Mon	13.1	1534990	1212	16.8	2892	42.4	0	0.00	0.00		
12/12/2023	Tue	14.3	1536202	1195	16.9	2892	42.4	0	0.00			
12/13/2023	Wed	14.2	1537397	1184	16.8	2892	42.4	0	0.00			
12/14/2023	Thu	14.6	1538581	1199	16.8	2892	42.4	0	0.00	0.00	0.00	
12/15/2023	Fri	12.9	1539780	1556	16.9	2892	42.4	0	0.00			
12/16/2023	Sat	12.9	1541336	1556	16.9	2892	42.4	0	0.00			
12/17/2023	Sun	12.9	1542892	1556	16.9	2892	42.4	0	0.00	0.00		
12/18/2023	Mon	12.4	1544448	1211	17	2892	42.4	0	0.00			
12/19/2023	Tue	14	1545659	1430	17	2892	42.4	0	0.00			
12/20/2023	Wed	13.3	1547089	1193	17.1	2892	42.4	0	0.00	0.00		
12/21/2023	Thu	13.6	1548282	1217	16.9	2892	42.4	6	1.58			
12/22/2023	Fri	13.5	1549499	2533	16.9	2898	42.4	0	0.00			
12/23/2023	Sat	13.5	1552032	2533	16.9	2898	42.4	0	0.00	0.53		
12/24/2023	Sun	13.5	1554565	2533	16.9	2898	42.4	0	0.00			
12/25/2023	Mon	13.5	1557098	2544	16.9	2898	42.4	0	0.00			Closed for Christmas - Read averaged
12/26/2023	Tue	18.6	1559642	2985	16.8	2898	42.4	0	0.00	0.00		
12/27/2023	Wed	16.5	1562627	2834	16.8	2898	42.4	0	0.00			
12/28/2023	Thu	17	1565461	2723	16.7	2898	42.4	0	0.00		0.11	
12/29/2023	Fri	17.2	1568184	2215	16.7	2898	42.4	0	0.00	0.00		
12/30/2023	Sat	17.2	1570399	2215	16.7	2898	42.4	0	0.00			
12/31/2023	Sun	17.2	1572614	2215	16.7	2898	42.4	0	0.00			

		CELL 7 LCS			CELL 7 LDS			150 60				
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
12/1/2023	Fri	1.8	2119988	1709	26.5	4076	16.5	0	0.00			
12/2/2023	Sat	1.8	2121697	1709	26.5	4076	16.5	0	0.00			
12/3/2023	Sun	1.8	2123406	1711	26.5	4076	16.5	0	0.00	0.00		
12/4/2023	Mon	2.9	2125117	2151	26.6	4076	16.5	0	0.00			
12/5/2023	Tue	3.6	2127268	2964	26.6	4076	16.5	0	0.00			
12/6/2023	Wed	1.8	2130232	2319	26.5	4076	16.5	0	0.00	0.00		
12/7/2023	Thu	2.1	2132551	1966	26.6	4076	16.5	0	0.00			
12/8/2023	Fri	2.8	2134517	1940	26.5	4076	16.5	0	0.00			
12/9/2023	Sat	2.8	2136457	1940	26.5	4076	16.5	0	0.00	0.00		
12/10/2023	Sun	2.8	2138397	1942	26.5	4076	16.5	0	0.00			
12/11/2023	Mon	2	2140339	1866	26.3	4076	16.5	0	0.00			
12/12/2023	Tue	2.1	2142205	1819	26.3	4076	16.5	0	0.00	0.00		
12/13/2023	Wed	1.4	2144024	1885	26.2	4076	16.5	0	0.00		0.00	
12/14/2023	Thu	3.2	2145909	1501	26.2	4076	16.5	0	0.00			
12/15/2023	Fri	2.7	2147410	1899	26.2	4076	16.5	0	0.00	0.00		
12/16/2023	Sat	2.7	2149309	1899	26.2	4076	16.5	0	0.00			
12/17/2023	Sun	2.7	2151208	1900	26.2	4076	16.5	0	0.00			
12/18/2023	Mon	1.8	2153108	1674	26	4076	16.5	0	0.00	0.00		
12/19/2023	Tue	4.3	2154782	1792	26	4076	16.5	0	0.00			
12/20/2023	Wed	3.3	2156574	1717	25.9	4076	16.5	0	0.00			
12/21/2023	Thu	2.1	2158291	1721	25.9	4076	16.5	0	0.00	0.00		
12/22/2023	Fri	2.4	2160012	2109	25.9	4076	16.5	0	0.00			
12/23/2023	Sat	2.4	2162121	2109	25.9	4076	16.5	0	0.00			
12/24/2023	Sun	2.4	2164230	2109	25.9	4076	16.5	0	0.00	0.00		
12/25/2023	Mon	2.4	2166339	2110	25.9	4076	16.5	0	0.00			Closed for Christmas - Read averaged
12/26/2023	Tue	2.2	2168449	2404	25.8	4076	16.5	0	0.00			
12/27/2023	Wed	1.7	2170853	2528	25.7	4076	16.5	0	0.00	0.00	0.00	
12/28/2023	Thu	3.2	2173381	2551	25.7	4076	16.5	0	0.00			
12/29/2023	Fri	1.5	2175932	2388	25.5	4076	16.5	0	0.00			
12/30/2023	Sat	1.5	2178320	2388	25.5	4076	16.5	0	0.00	0.00		
12/31/2023	Sun	1.5	2180708	2388	25.5	4076	16.5	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
12/1/2023	Fri	10.1	2176508	2154	23.8	18012	63.8	347	43.92			
12/2/2023	Sat	10.1	2178662	2154	23.8	18359	63.8	347	43.92			
12/3/2023	Sun	10.1	2180816	2156	23.8	18706	63.8	349	44.18	44.01		
12/4/2023	Mon	12.1	2182972	2239	18.5	19055	63.8	239	30.25			
12/5/2023	Tue	11.5	2185211	1821	19.3	19294	63.8	555	70.25			
12/6/2023	Wed	12.2	2187032	2696	18.1	19849	63.8	262	33.16	44.56		
12/7/2023	Thu	13.1	2189728	2032	18.4	20111	63.8	0	0.00			
12/8/2023	Fri	10.1	2191760	2223	19.2	20111	63.8	86	10.89			
12/9/2023	Sat	10.1	2193983	2223	19.2	20197	63.8	86	10.89	7.26		
12/10/2023	Sun	10.1	2196206	2223	19.2	20283	63.8	86	10.89			
12/11/2023	Mon	10.9	2198429	2142	19.6	20369	63.8	349	44.18			
12/12/2023	Tue	10.9	2200571	2067	17.4	20718	63.8	293	37.09	30.72		
12/13/2023	Wed	12.5	2202638	2238	17.1	21011	63.8	293	37.09		30.22	
12/14/2023	Thu	10.4	2204876	2086	16.8	21304	63.8	356	45.06			
12/15/2023	Fri	10.7	2206962	2063	17.3	21660	63.8	0	0.00	27.38		
12/16/2023	Sat	10.7	2209025	2063	17.3	21660	63.8	0	0.00			
12/17/2023	Sun	10.7	2211088	2065	17.3	21660	63.8	0	0.00			
12/18/2023	Mon	10.9	2213153	1978	19.3	21660	63.8	435	55.06	18.35		
12/19/2023	Tue	9.3	2215131	2001	19.8	22095	63.8	246	31.14			
12/20/2023	Wed	9.5	2217132	1863	20.6	22341	63.8	585	74.05			
12/21/2023	Thu	8.7	2218995	1834	19.5	22926	63.8	340	43.04	49.41		
12/22/2023	Fri	10.5	2220829	2132	20.9	23266	63.8	300	37.97			
12/23/2023	Sat	10.5	2222961	2132	20.9	23566	63.8	300	37.97			
12/24/2023	Sun	10.5	2225093	2132	20.9	23866	63.8	300	37.97	37.97		
12/25/2023	Mon	10.5	2227225	2134	20.9	24166	63.8	300	37.97			Closed for Christmas - Read averaged
12/26/2023	Tue	12.5	2229359	2404	21.9	24466	63.8	341	43.16			
12/27/2023	Wed	10.4	2231763	2596	22.3	24807	63.8	232	29.37	36.84	33.77	
12/28/2023	Thu	11.5	2234359	2885	21.4	25039	63.8	272	34.43			
12/29/2023	Fri	11.8	2237244	2895	20.3	25311	63.8	167	21.14			
12/30/2023	Sat	11.8	2240139	2895	20.3	25478	63.8	167	21.14	25.57		
12/31/2023	Sun	11.8	2243034	2895	20.3	25645	63.8	167	21.14			

		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
12/1/2023	Fri	12	12741150	3532	24.2	63533	193	18.74			
12/2/2023	Sat	12	12744682	3532	24.2	63726	193	18.74			
12/3/2023	Sun	12	12748214	3534	24.2	63919	193	18.74	18.74		
12/4/2023	Mon	10.7	12751748	3848	28.4	64112	396	38.45			
12/5/2023	Tue	11	12755596	4912	29.2	64508	369	35.83			
12/6/2023	Wed	11.7	12760508	3899	30.8	64877	234	22.72	32.33		
12/7/2023	Thu	10.3	12764407	3436	31.5	65111	346	33.59			
12/8/2023	Fri	12	12767843	3445	30.8	65457	350	33.98		31.45	
12/9/2023	Sat	12	12771288	3445	30.8	65807	350	33.98	33.85		
12/10/2023	Sun	12	12774733	3447	30.8	66157	352	34.17			
12/11/2023	Mon	12	12778180	3375	31.6	66509	340	33.01			
12/12/2023	Tue	11.4	12781555	3258	32.3	66849	395	38.35	35.18		
12/13/2023	Wed	12.7	12784813	3417	30.8	67244	339	32.91			
12/14/2023	Thu	11.9	12788230	3187	32.2	67583	417	40.49			
12/15/2023	Fri	10.7	12791417	3527	32	68000	411	39.90	37.77		
12/16/2023	Sat	10.7	12794944	3527	32	68411	411	39.90			
12/17/2023	Sun	10.7	12798471	3529	32	68822	411	39.90			
12/18/2023	Mon	10.9	12802000	3229	33.3	69233	618	60.00	46.60		
12/19/2023	Tue	10.7	12805229	3426	31.9	69851	352	34.17			
12/20/2023	Wed	11	12808655	3272	32.4	70203	761	73.88			
12/21/2023	Thu	9.1	12811927	3251	31.3	70964	399	38.74	48.93		
12/22/2023	Fri	12	12815178	4535	33.9	71363	428	41.55		41.50	
12/23/2023	Sat	12	12819713	4535	33.9	71791	428	41.55			
12/24/2023	Sun	12	12824248	4535	33.9	72219	428	41.55	41.55		
12/25/2023	Mon	12	12828783	4538	33.9	72647	429	41.65			Closed for Christmas - Read averaged
12/26/2023	Tue	12.2	12833321	4620	31.7	73076	393	38.16			
12/27/2023	Wed	10.4	12837941	4178	33	73469	542	52.62	44.14		
12/28/2023	Thu	11.1	12842119	4032	30.9	74011	515	50.00			
12/29/2023	Fri	10.6	12846151	3710	32.2	74526	529	51.36			
12/30/2023	Sat	10.6	12849861	3710	32.2	75055	529	51.36	50.91		
12/31/2023	Sun	10.6	12853571	3710	32.2	75584	529	51.36			

		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
12/1/2023	Fri	11.5	19330185	7320	24.9	216263	0	0.00			
12/2/2023	Sat	11.5	19337505	7320	24.9	216263	0	0.00			
12/3/2023	Sun	11.5	19344825	7322	24.9	216263	0	0.00	0.00		
12/4/2023	Mon	11	19352147	2924	26.3	216263	766	104.93			
12/5/2023	Tue	10.7	19355071	3205	22.2	217029	0	0.00			
12/6/2023	Wed	11.3	19358276	4993	22.4	217029	0	0.00	34.98		
12/7/2023	Thu	11.2	19363269	5175	22.9	217029	0	0.00			
12/8/2023	Fri	11.6	19368444	4608	23.3	217029	0	0.00		14.32	
12/9/2023	Sat	11.6	19373052	4608	23.3	217029	0	0.00	0.00		
12/10/2023	Sun	11.6	19377660	4609	23.3	217029	0	0.00			
12/11/2023	Mon	11.3	19382269	4808	23.9	217029	0	0.00			
12/12/2023	Tue	11.1	19387077	4697	24.2	217029	0	0.00	0.00		
12/13/2023	Wed	11.3	19391774	4757	24.5	217029	930	127.40			
12/14/2023	Thu	11.2	19396531	4603	23.2	217959	277	37.95			
12/15/2023	Fri	10.9	19401134	5156	22.1	218236	0	0.00	55.11		
12/16/2023	Sat	11.5	19406290	5156	22.1	218236	0	0.00			
12/17/2023	Sun	11.5	19411446	5158	22.1	218236	0	0.00			
12/18/2023	Mon	11.5	19416604	5256	23.2	218236	308	42.19	14.06		
12/19/2023	Tue	11.3	19421860	4570	22.8	218544	633	86.71			
12/20/2023	Wed	11.1	19426430	4301	23.3	219177	291	39.86			
12/21/2023	Thu	11	19430731	4261	24.6	219468	337	46.16	57.58		
12/22/2023	Fri	11.4	19434992	7205	24.1	219805	0	0.00		27.16	
12/23/2023	Sat	11.4	19442197	7205	24.1	219805	0	0.00			
12/24/2023	Sun	11.4	19449402	7205	24.1	219805	0	0.00	0.00		
12/25/2023	Mon	11.4	19456607	7207	24.1	219805	0	0.00			Closed for Christmas - Read averaged
12/26/2023	Tue	11.3	19463814	9096	26.6	219805	0	0.00			
12/27/2023	Wed	11	19472910	8784	26.9	219805	636	87.12	29.04		
12/28/2023	Thu	11.4	19481694	7101	24.2	220441	422	57.81			
12/29/2023	Fri	11.3	19488795	7190	22.1	220863	0	0.00			
12/30/2023	Sat	11.3	19495985	7190	22.1	220863	0	0.00	19.27		
12/31/2023	Sun	11.3	19503175	7190	22.1	220863	0	0.00			



		CELL 11 LCS			CELL 11 LDS			150	60		
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
12/1/2023	Fri	12.2	20233174	6726	25.5	25199	0	0.00		0.02	Closed for Christmas - Read averaged
12/2/2023	Sat	12.2	20239900	6726	25.5	25199	0	0.00			
12/3/2023	Sun	12.2	20246626	6726	25.5	25199	0	0.00	0.00		
12/4/2023	Mon	11.9	20253352	8010	25.9	25199	0	0.00			
12/5/2023	Tue	12	20261362	11057	26.3	25199	2	0.27			
12/6/2023	Wed	12.2	20272419	6803	26.8	25201	0	0.00	0.09		
12/7/2023	Thu	11.7	20279222	6079	26.8	25201	0	0.00			
12/8/2023	Fri	12	20285301	6437	27	25201	0	0.00			
12/9/2023	Sat	12	20291738	6437	27	25201	0	0.00	0.00		
12/10/2023	Sun	12	20298175	6437	27	25201	20	2.70			
12/11/2023	Mon	11.9	20304612	6531	26.6	25221	13	1.76			
12/12/2023	Tue	11.8	20311143	6341	26.3	25234	15	2.03	2.16		
12/13/2023	Wed	11.9	20317484	6842	26.1	25249	18	2.43			
12/14/2023	Thu	11.7	20324326	6767	26	25267	14	1.89			
12/15/2023	Fri	12.1	20331093	6423	26	25281	10	1.35	1.89	0.89	
12/16/2023	Sat	12.1	20337516	6423	26	25291	10	1.35			
12/17/2023	Sun	12.1	20343939	6423	26	25301	12	1.62			
12/18/2023	Mon	11.7	20350362	6411	25.7	25313	14	1.89	1.62		
12/19/2023	Tue	11.8	20356773	6758	25.6	25327	0	0.00			
12/20/2023	Wed	12	20363531	6474	25.6	25327	4	0.54			
12/21/2023	Thu	11.5	20370005	6174	25.8	25331	0	0.00	0.18		
12/22/2023	Fri	11.9	20376179	8235	25.8	25331	0	0.00			
12/23/2023	Sat	11.9	20384414	8235	25.8	25331	0	0.00			
12/24/2023	Sun	11.9	20392649	8235	25.8	25331	0	0.00	0.00		
12/25/2023	Mon	11.9	20400884	8236	25.8	25331	0	0.00			
12/26/2023	Tue	11.8	20409120	9686	26.2	25331	0	0.00			
12/27/2023	Wed	11.9	20418806	9310	26.3	25331	0	0.00	0.00		
12/28/2023	Thu	11.4	20428116	8902	26.3	25331	0	0.00			
12/29/2023	Fri	11.7	20437018	7727	26.5	25331	25	3.38		0.63	
12/30/2023	Sat	11.7	20444745	7727	26	25356	0	0.00	1.13		
12/31/2023	Sun	11.7	20452472	7727	26	25356	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
12/1/2023	Fri	1.4	7625197	0	26.6	82716	0	0.00		24.52	
12/2/2023	Sat	1.4	7625197	0	26.6	82716	0	0.00	12.23		
12/3/2023	Sun	1.4	7625197	8485	26.6	82716	0	0.00			
12/4/2023	Mon	5.9	7633682	4219	26.8	82716	298	33.86			
12/5/2023	Tue	10.1	7637901	4530	26.4	83014	672	76.36	36.74		
12/6/2023	Wed	8.5	7642431	4235	26	83686	197	22.39			
12/7/2023	Thu	7.9	7646666	2291	25.7	83883	127	14.43			
12/8/2023	Fri	6.4	7648957	0	26.9	84010	227	25.80	20.87		
12/9/2023	Sat	6.4	7648957	0	26.9	84237	227	25.80			
12/10/2023	Sun	6.4	7648957	9511	26.9	84464	228	25.91			
12/11/2023	Mon	8.3	7658468	2977	24.8	84692	0	0.00	17.23		
12/12/2023	Tue	2.4	7661445	2832	27.1	84692	323	36.70			
12/13/2023	Wed	2.8	7664277	2938	25.2	85015	0	0.00			
12/14/2023	Thu	3.3	7667215	2981	27.3	85015	0	0.00	12.23		
12/15/2023	Fri	5.9	7670196	3120	27.5	85015	321	36.48		21.27	
12/16/2023	Sat	5.9	7673316	3120	27.5	85336	321	36.48			
12/17/2023	Sun	5.9	7676436	3120	27.5	85657	323	36.70	36.55		
12/18/2023	Mon	9.3	7679556	2947	24.1	85980	384	43.64			
12/19/2023	Tue	1.9	7682503	3109	25.2	86364	263	29.89			
12/20/2023	Wed	6.1	7685612	2950	24.7	86627	474	53.86	42.46		
12/21/2023	Thu	3.6	7688562	2940	26.2	87101	314	35.68			
12/22/2023	Fri	5.7	7691502	3997	25.3	87415	341	38.75			
12/23/2023	Sat	5.7	7695499	3997	25.3	87756	341	38.75	37.73		
12/24/2023	Sun	5.7	7699496	3997	25.3	88097	341	38.75			
12/25/2023	Mon	5.7	7703493	3997	25.3	88438	343	38.98			Closed for Christmas - Read averaged
12/26/2023	Tue	5.5	7707490	4795	26.4	88781	241	27.39	35.04		
12/27/2023	Wed	1.3	7712285	4275	24.7	89022	337	38.30			
12/28/2023	Thu	3.5	7716560	3949	26.2	89359	348	39.55			
12/29/2023	Fri	3.9	7720509	3385	26.5	89707	381	43.30	40.38	38.57	
12/30/2023	Sat	3.9	7723894	3385	26.5	90088	381	43.30			
12/31/2023	Sun	3.9	7727279	3385	26.5	90469	381	43.30			

		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	
12/1/23	Fri	9.2	697,694	0	20.4	122,460	0	0.00	0.00	0.02		
12/2/23	Sat	9.2	697,694	0	20.4	122,460	0	0.00				
12/3/23	Sun	9.2	697,694	0	20.4	122,460	0	0.00				
12/4/23	Mon	10.9	697,694	1,332	20.9	122,460	0	0.00	0.00			
12/5/23	Tue	8.2	699,026	0	21.1	122,460	0	0.00				
12/6/23	Wed	8.9	699,026	0	21.4	122,460	0	0.00				
12/7/23	Thu	9.4	699,026	0	21.8	122,460	0	0.00	0.00			
12/8/23	Fri	10.1	699,026	746	22.3	122,460	0	0.00				
12/9/23	Sat	10.1	699,772	746	22.3	122,460	0	0.00				
12/10/23	Sun	10.1	700,518	747	22.3	122,460	0	0.00	0.00			
12/11/23	Mon	8.9	701,265	0	22.9	122,460	0	0.00				
12/12/23	Tue	9.2	701,265	0	23.4	122,460	0	0.00				
12/13/23	Wed	9.8	701,265	0	23.8	122,460	0	0.00	0.00			
12/14/23	Thu	10.6	701,265	1,399	24.4	122,460	0	0.00				
12/15/23	Fri	8.5	702,664	0	25.1	122,460	0	0.00		0.00		
12/16/23	Sat	8.5	702,664	0	25.1	122,460	0	0.00	0.00			
12/17/23	Sun	8.5	702,664	0	25.1	122,460	0	0.00				
12/18/23	Mon	9.5	702,664	0	25.8	122,460	0	0.00				
12/19/23	Tue	9.8	702,664	0	26.5	122,460	0	0.00	0.00			
12/20/23	Wed	10.2	702,664	0	26.9	122,460	0	0.00				
12/21/23	Thu	10.8	702,664	1,193	27.4	122,460	0	0.00				
12/22/23	Fri	7.7	703,857	0	28.3	122,460	0	0.00	0.00			
12/23/23	Sat	7.7	703,857	0	28.3	122,460	0	0.00				
12/24/23	Sun	7.7	703,857	0	28.3	122,460	0	0.00				
12/25/23	Mon	7.7	703,857	0	28.3	122,460	0	0.00	0.00		Closed for Christmas - Read averaged	
12/26/23	Tue	9.9	703,857	0	29.5	122,460	1,402	119.52				
12/27/23	Wed	10.4	703,857	1,472	20.4	123,862	0	0.00				
12/28/23	Thu	8.2	705,329	0	20.8	123,862	0	0.00	39.84			
12/29/23	Fri	8.8	705,329	0	21.2	123,862	0	0.00		8.54		
12/30/23	Sat	8.8	705,329	0	21.2	123,862	0	0.00				
12/31/23	Sun	8.8	705,329	0	21.2	123,862	0	0.00	0.00			

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

**ATTACHMENT F**

**Gas Extraction Well Operations & Location Map**

Device Name	Alias	Description	Active	Location	Downtime (hours)
<b>New Hill Gas Wells</b>					
EVLFLE01	LE-1	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE03	LE-03	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE04	LE-4	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE05	LE-05	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE07	LE-7	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE08	LE-08	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFLE8R	LE-8R	REPLACEMENT FOR LE-08	Yes	Interior	0.25 hour
EVLFLE10	LE-10	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE11	LE-11	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE12	LE-12	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE13	LE-13	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE13R	LE-13R	Replacement for LE-13	Yes	Interior	0.25 hour
EVLFLE15	LE-15	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE16	LE-16	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE18	LE-18	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE18R	LE-18R	REPLACEMENT FOR LE-18	Yes	Interior	0.25 hour
EVLFLE19	LE-19	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE21	LE-21	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE24	LE-24	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE26	LE-26	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE27	LE-27	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE29	LE-29	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE31	LE-31	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE31R	LE-31R	REPLACEMENT FOR LE-31	Yes	Interior	0.25 hour
EVLFLE32	LE-32	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE33	LE-33	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE34	LE-34	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE34R	LE-34R	REPLACEMENT FOR LE-34	Yes	Interior	0.25 hour
EVLFLE36	LE-36	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE38	LE-38	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE38R	LE-38R	REPLACEMENT FOR LE-38	Yes	Interior	0.25 hour
EVLFLE39	LE-39	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE41	LE-41	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFLE41R	LE-41R	REPLACEMENT FOR LE-41	Yes	Interior	0.25 hour
EVLFLE42	LE-42	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE43	LE-43	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE45	LE-45	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE48	LE-48	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE50	LE-50	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE50R	LE-50R	REPLACEMENT FOR LE-50	Yes	Interior	0.25 hour
EVLFLE52	LE-52	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE52R	LE-52R	REPLACEMENT FOR LE-52	Yes	Interior	0.25 hour
EVLFLE53	LE-53	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE53R	LE-53R	REPLACEMENT FOR LE-53	Yes	Interior	0.25 hour
EVLFLE55	LE-55	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE55R	LE-55R	REPLACEMENT FOR LE-55	Yes	Interior	0.25 hour
EVLFLE56	LE-56	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE56R	LE-56R	REPLACEMENT FOR LE-56	Yes	Interior	0.25 hour
EVLFLE57	LE-57	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE57R	LE-57R	REPLACEMENT FOR LE-57	Yes	Interior	0.25 hour
EVLFLE58	LE-58	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE58R	LE-58R	REPLACEMENT FOR LE-58	Yes	Interior	0.25 hour
EVLFLE59	LE-59	Lateral Expansion Area Well	No	Interior	0.25 hour
EVLLE59R	LE-59R	REPLACEMENT FOR LE-59	Yes	Interior	0.25 hour
EVLFLE62	LE-62	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE62R	LE-62R	REPLACEMENT FOR LE-62	Yes	Interior	0.25 hour

Device Name	Alias	Description	Active	Location	Downtime (hours)
EVLFL64	LE-64	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL65	LE-65	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE65R	LE-65R	REPLACEMENT FOR LE-65	Yes	Interior	0.25 hour
EVLFL67	LE-67	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL70	LE-70	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFE70R	LE-70R	Replacement for LE-70	Yes	Interior	0.25 hour
EVLFL71	LE-71	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL72	LE-72	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL73	LE-73	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE73R	LE-73R	Replacement for LE-73	Yes	Interior	0.25 hour
EVLFL75	LE-75	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL76	LE-76	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFE76R	LE-76R	Replacement for LE-76	Yes	Interior	0.25 hour
EVLFL78	LE-78	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL79	LE-79	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL80	LE-80	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL83	LE-83	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL84	LE-84	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL85	LE-85	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL86	LE-86	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL87	LE-87	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL114	LE-114	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE116	LE-116	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE117	LE-117	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE118	LE-118	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE119	LE-119	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE120	LE-120	Lateral Expansion Area Well	No	Interior	REPLACED
EVLE120R	LE-120R	REPLACEMENT FOR LE-120	Yes	Interior	0.25 hour
EVLLE121	LE-121	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE122	LE-122	Lateral Expansion Area Well	No	Interior	REPLACED
EVLE122R	LE-122R	REPLACEMENT FOR LE-122	Yes	Interior	0.25 hour
EVLLE127	LE-127	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE130	LE-130	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE143	LE-143	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE145	LE-145	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE146	LE-146	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE151	LE-151	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE154	LE-154	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1000	EW-1000	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1002	EW-1002	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1003	EW-1003	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1006	EW-1006	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1007	EW-1007	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1008	EW-1008	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1009	EW-1009	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1010	EW-1010	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1011	EW-1011	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1012	EW-1012	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1014	EW-1014	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1017	EW-1017	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1018	EW-1018	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1022	EW-1022	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1024	EW-1024	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1025	EW-1025	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1027	EW-1027	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1028	EW-1028	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1055	EW-1055	Lateral Expansion Area Well	Yes	Interior	0.25 hour

Device Name	Alias	Description	Active	Location	Downtime (hours)
EVEW1056	EW-1056	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1057	EW-1057	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1058	EW-1058	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1059	EW-1059	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1060	EW-1060	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1061	EW-1061	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1067	EW-1067	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFTD1A	TD-1A	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFTD1B	TD-1B	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFTD02	TD-2	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT10	OT-10	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT11	OT-11	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT12	OT-12	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT13	OT-13	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT14	OT-14	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT15	OT-15	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT16	OT-16	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT17	OT-17	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT18	OT-18	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT19	OT-19	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT20	OT-20	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT21	OT-21	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT22	OT-22	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT23	OT-23	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT24	OT-24	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLHGC1	HGC-1	Lateral Expansion Area Well	Yes	Interior	shut off 4/2020
EVLHGC2	HGC-2	Lateral Expansion Area Well	Yes	Interior	shut off 4/2020
EVLFHGC3	HGC-3	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFHGC4	HGC-4	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFHGC5	HGC-5	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFHGC6	HGC-6	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFHGC7	HGC-7	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFHC8A	HC-8A	Lateral Expansion Area Well	Yes	Interior	shut off 2/2023
EVLFHC8B	HC-8B	Lateral Expansion Area Well	Yes	Interior	shut off 2/2023
EVLFHGC9	HGC-9	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVHGC10A	HGC-10A	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVHGC10B	HGC-10B	Lateral Expansion Area Well	Yes	Interior	shut off 9/2023
EVLHGC11	HGC-11	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLHGC12	HGC-12	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLHGC13	HGC-13	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLHGC14	HGC-14	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLHGC15	HGC-15	Lateral Expansion Area Well	Yes	Interior	0.25 hour
<b>Old Hill Gas Wells</b>					
TOTIEW01	EW-01	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW02	EW-02	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW03	EW-03	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW04	EW-04	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW05	EW-05	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW06	EW-06	Old Hill Extraction Well	No	Interior	REPLACED
TOTIEW6R	EW-6R	Replacement for EW-6	Yes	Interior	0.25 hour
TOTIEW07	EW-07	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW08	EW-08	Old Hill Extraction Well	No	Interior	0.25 hour
TOTIEW09	EW-09	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW10	EW-10	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW10R	EW-10R	Replacement for EW-10	Yes	Interior	0.25 hour
TOTIEW11	EW-11	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW12	EW-12	Old Hill Extraction Well	Yes	Interior	0.25 hour



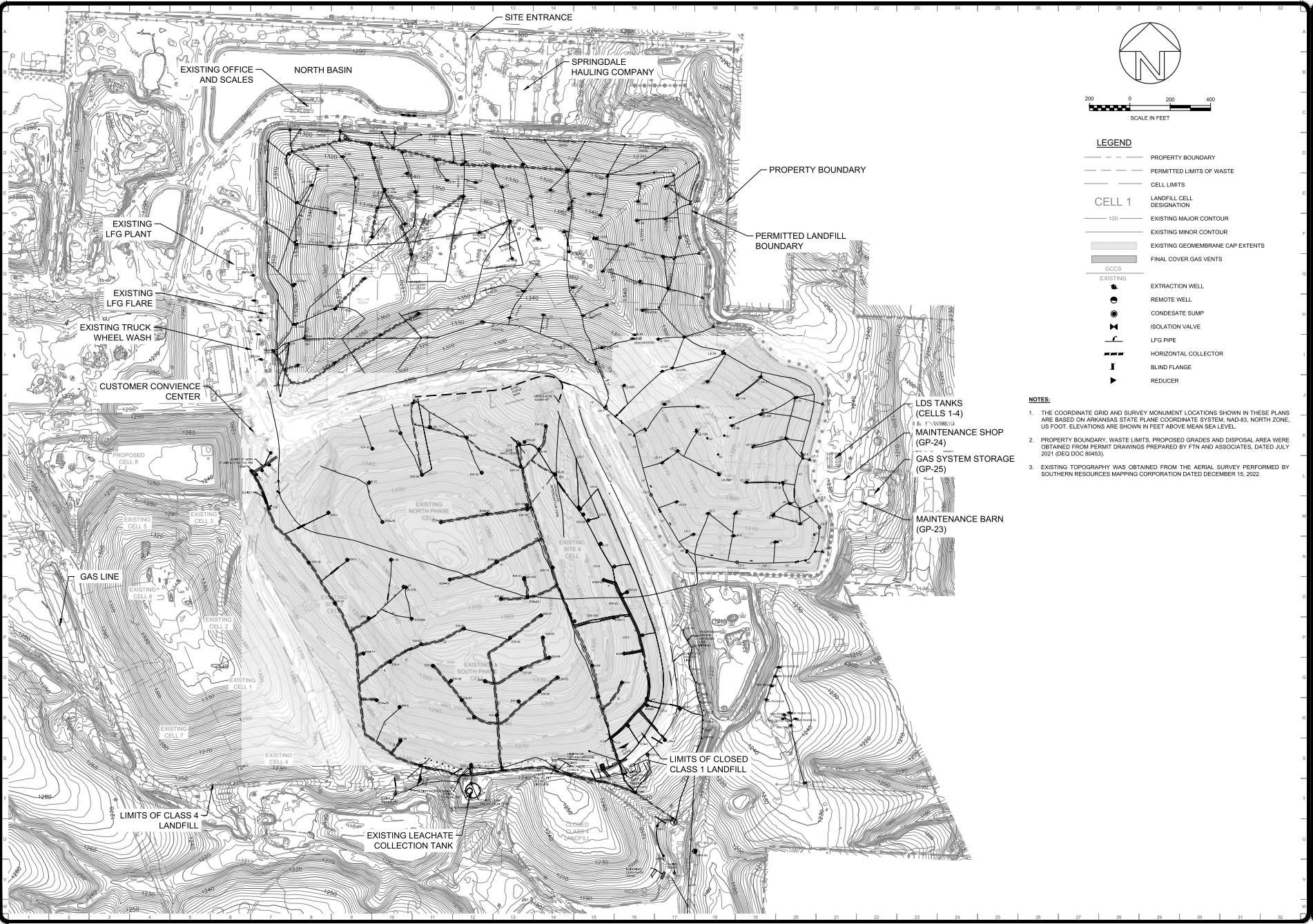
Device Name	Alias	Description	Active	Location	Downtime (hours)
TOTIEW13	EW-13	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW14	EW-14	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW14R	EW-14R	Replacement for EW-14	Yes	Interior	0.25 hour
TOTIEW15	EW-15	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW16	EW-16	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW17	EW-17	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW18	EW-18	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW19	EW-19	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW20	EW-20	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW21	EW-21	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW22	EW-22	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW23	EW-23	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW24	EW-24	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW25	EW-25	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW26	EW-26	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW27	EW-27	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW28	EW-28	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW29	EW-29	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW30	EW-30	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW31	EW-31	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW32	EW-32	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW33	EW-33	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW34	EW-34	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW35	EW-35	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW36	EW-36	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW37	EW-37	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW37R	EW-37R	REPLACEMENT FOR EW-37	Yes	Interior	0.25 hour
TOTIEW38	EW-38	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW39	EW-39	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW40	EW-40	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW41	EW-41	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW41R	EW-41R	REPLACEMENT FOR EW-41	Yes	Interior	0.25 hour
TOTIEW42	EW-42	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW43	EW-43	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW44	EW-44	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW45	EW-45	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW46	EW-46	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW47	EW-47	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW48	EW-48	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW48R	EW-48R	REPLACEMENT FOR EW-48	Yes	Interior	0.25 hour
TOTIEW49	EW-49	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW50	EW-50	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW51	EW-51	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW52	EW-52	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW53	EW-53	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW54	EW-54	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW55	EW-55	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW56	EW-56	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW57	EW-57	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW58	EW-58	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW59	EW-59	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW60	EW-60	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW61	EW-61	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW62	EW-62	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW63	EW-63	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW64	EW-64	Old Hill Extraction Well	No	Interior	shut off 5.16
<b>Out of Waste Extraction Wells</b>					

Device Name	Alias	Description	Active	Location	Downtime (hours)
TOTIOW01	OW-01	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW02	OW-02	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW03	OW-03	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW04	OW-04	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW05	OW-05	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW06	OW-06	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW07	OW-07	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW08	OW-08	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW09	OW-09	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW10	OW-10	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW11	OW-11	Not Active - Old Stutt's 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
<b>Nature and Extent Gas Wells</b>					
TTOWNE1A	NE-1A	Out of Waste - surrounds NE-1	Yes	Exterior	none
TTOWNE1B	NE-1B	Out of Waste - surrounds NE-1	Yes	Exterior	none
N/A	NE-4-EW-08	Out of Waste - surrounds NE-4	Yes	Exterior	none
N/A	NE-4-EW-09	Out of Waste - surrounds NE-4	Yes	Exterior	none
N/A	NE-4-EW-10	Out of Waste - surrounds NE-4	Yes	Exterior	none
N/A	NE-5-EW-15	Out of Waste - surrounds NE-5	No	Exterior	none
N/A	NE-5-EW-16	Out of Waste - surrounds NE-5	No	Exterior	none
N/A	NE-5-EW-17	Out of Waste - surrounds NE-5	No	Exterior	none
N/A	NE-5-EW-18	Out of Waste - surrounds NE-5	No	Exterior	none
N/A	GP-1-EW-01	Out of Waste - surrounds GP-01	No	Exterior	removed 2015
N/A	GP-1-EW-02	Out of Waste - surrounds GP-01	No	Exterior	shut off 2006
N/A	GP-1-EW-03	Out of Waste - surrounds GP-01	No	Exterior	shut off 2006
N/A	GP-1-EW-04	Out of Waste - surrounds GP-01	No	Exterior	removed 2015
TT1NEW05	MW-1N-EW-05	Out of Waste - surrounds MW-1N	No	Exterior	removed 2015
TT1NEW06	MW-1N-EW-06	Out of Waste - surrounds MW-1N	No	Exterior	removed 2015
TT1NEW07	MW-1N-EW-07	Out of Waste - surrounds MW-1N	No	Exterior	removed 2015
TT7NEW11	MW-7N-EW-11	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW12	MW-7N-EW-12	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW13	MW-7N-EW-13	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW14	MW-7N-EW-14	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW19	MW-7N-EW-19	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW20	MW-7N-EW-20	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW21	MW-7N-EW-21	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW22	MW-7N-EW-22	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW23	MW-7N-EW-23	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW24	MW-7N-EW-24	Out of Waste - surrounds MW-7N	Yes	Exterior	none
<b>North Gas Wells (cutoff wells for exceedances in GP-1)</b>					

Device Name	Alias	Description	Active	Location	Downtime (hours)
OW-121	N/A	Out of Waste - north of Cell 10	Yes	Exterior	none
OW-122	N/A	Out of Waste - north of Cell 10	Yes	Exterior	none
OW-123	N/A	Out of Waste - north of Cell 10	Yes	Exterior	none

Downtime:  
Blowers (Exterior): none  
Well System (Interior): 12.6.23 - 0.25 hour

Date: 11/29/2023 12:28 PM File Path: C:\USERS\JONATHAN\PROMIUS ENGINEERING\PROJECTS\ACTIVE\FIELD\230053\WML\ECO\STA\_2023\GCES\DRAWINGS\GENERAL SITE PLAN - 2023.DWG  
 Last Saved By: JONATHAN



**LEGEND**

- PROPERTY BOUNDARY
- - - PERMITTED LIMITS OF WASTE
- CELL LIMITS
- LANDFILL CELL DESIGNATION
- CELL 1
- 100 — EXISTING MAJOR CONTOUR
- — — EXISTING MINOR CONTOUR
- EXISTING GEOMEMBRANE CAP EXTENTS
- FINAL COVER GAS VENTS
- GCES
- EXISTING
- EXTRACTION WELL
- REMOTE WELL
- CONDENSATE SUMP
- ISOLATION VALVE
- LFG PIPE
- HORIZONTAL COLLECTOR
- BLIND FLANGE
- REDUCER

**NOTES:**

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

DESCRIPTION	
PREPARED FOR:	
PREPARED BY:	
GENERAL SITE PLAN - 2023	GCES SYSTEM CONFIGURATION ECO-STA CLASS 1 LANDFILL TONTOWN, ARKANSAS
Project No. - 230053	SHEET NUMBER
1	1

**ATTACHMENT G**

**Laboratory Analytical Report & Field Forms**

**Eco-Vista (Tontitown)LF**

Sample Delivery Group: L1686168  
Samples Received: 12/08/2023  
Project Number: 300  
Description: Eco-Vista-GW-Feb, Mar, May, Jun, Aug, Sep, Nov, Dec  
Site: AR03  
Report To: Jodi Reynolds  
88 Joyce Lane  
Russellville, AR 72801

Entire Report Reviewed By:



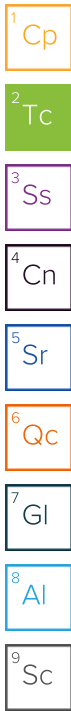
Stacy Kennedy  
Project Manager

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

**Pace Analytical National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [www.pacenational.com](http://www.pacenational.com)

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# SAMPLE SUMMARY

## LGW-2 L1686168-01 GW

Collected by  
Chris Fincher

Collected date/time  
12/07/23 12:15

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:29	12/10/23 16:29	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192130	1	12/20/23 00:23	12/20/23 00:23	ASM	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

## LGW-3R L1686168-02 GW

Collected by  
Chris Fincher

Collected date/time  
12/07/23 11:40

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:34	12/10/23 16:34	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192130	1	12/20/23 00:33	12/20/23 00:33	ASM	Mt. Juliet, TN

4 Cn

5 Sr

6 Qc

## LGW-4 L1686168-03 GW

Collected by  
Chris Fincher

Collected date/time  
12/07/23 11:05

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:37	12/10/23 16:37	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192130	1	12/20/23 00:42	12/20/23 00:42	ASM	Mt. Juliet, TN

7 Gl

8 Al

9 Sc

## LGW-5 L1686168-04 GW

Collected by  
Chris Fincher

Collected date/time  
12/07/23 10:30

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:38	12/10/23 16:38	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192130	1	12/20/23 00:52	12/20/23 00:52	ASM	Mt. Juliet, TN

## LGW-6 L1686168-05 GW

Collected by  
Chris Fincher

Collected date/time  
12/07/23 09:00

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:40	12/10/23 16:40	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192130	1	12/20/23 01:01	12/20/23 01:01	ASM	Mt. Juliet, TN

## LGW-7 L1686168-06 GW

Collected by  
Chris Fincher

Collected date/time  
12/07/23 14:10

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:46	12/10/23 16:46	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192130	1	12/20/23 01:11	12/20/23 01:11	ASM	Mt. Juliet, TN

## LGW-8R L1686168-07 GW

Collected by  
Chris Fincher

Collected date/time  
12/07/23 13:25

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:47	12/10/23 16:47	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192142	1	12/20/23 11:19	12/20/23 11:19	GEB	Mt. Juliet, TN



# SAMPLE SUMMARY

## LGW-9 L1686168-08 GW

Collected by  
Chris Fincher

Collected date/time  
12/06/23 14:00

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:49	12/10/23 16:49	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192142	1	12/20/23 11:57	12/20/23 11:57	GEB	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

## LGW-10 L1686168-09 GW

Collected by  
Chris Fincher

Collected date/time  
12/06/23 14:40

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:50	12/10/23 16:50	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192142	1	12/20/23 12:07	12/20/23 12:07	GEB	Mt. Juliet, TN

4 Cn

5 Sr

6 Qc

## LGW-14R L1686168-10 GW

Collected by  
Chris Fincher

Collected date/time  
12/07/23 09:40

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:52	12/10/23 16:52	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192142	1	12/20/23 12:16	12/20/23 12:16	GEB	Mt. Juliet, TN

7 Gl

8 Al

9 Sc

## MW-7N L1686168-11 GW

Collected by  
Chris Fincher

Collected date/time  
12/06/23 13:30

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:53	12/10/23 16:53	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192142	1	12/20/23 12:45	12/20/23 12:45	GEB	Mt. Juliet, TN

## MW-15 L1686168-12 GW

Collected by  
Chris Fincher

Collected date/time  
12/06/23 16:00

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:55	12/10/23 16:55	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192142	1	12/20/23 12:54	12/20/23 12:54	GEB	Mt. Juliet, TN

## MW-16 L1686168-13 GW

Collected by  
Chris Fincher

Collected date/time  
12/06/23 15:20

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:56	12/10/23 16:56	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192142	1	12/20/23 13:04	12/20/23 13:04	GEB	Mt. Juliet, TN

## MW-17 L1686168-14 GW

Collected by  
Chris Fincher

Collected date/time  
12/07/23 15:45

Received date/time  
12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:58	12/10/23 16:58	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192142	1	12/20/23 13:13	12/20/23 13:13	GEB	Mt. Juliet, TN

# SAMPLE SUMMARY

## MW-19 L1686168-15 GW

Collected by: Chris Fincher  
 Collected date/time: 12/06/23 16:35  
 Received date/time: 12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 16:59	12/10/23 16:59	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192142	1	12/20/23 13:23	12/20/23 13:23	GEB	Mt. Juliet, TN

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

## FB L1686168-16 GW

Collected by: Chris Fincher  
 Collected date/time: 12/06/23 13:15  
 Received date/time: 12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 17:05	12/10/23 17:05	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192142	1	12/20/23 13:32	12/20/23 13:32	GEB	Mt. Juliet, TN

## LGW-6-DUP L1686168-17 GW

Collected by: Chris Fincher  
 Collected date/time: 12/07/23 07:00  
 Received date/time: 12/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186488	1	12/10/23 17:08	12/10/23 17:08	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192142	1	12/20/23 13:42	12/20/23 13:42	GEB	Mt. Juliet, TN

# CASE NARRATIVE

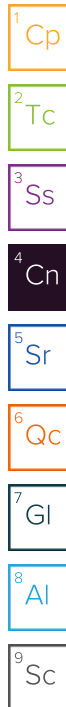
Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental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



Stacy Kennedy  
Project Manager

## Project Comments

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



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

Analyte	Result	Units
pH (On Site)	6.69	su
Specific Conductance (on site)	839	umhos/cm
Temperature (on-site)	15.3	Deg. C
Turbidity (on-site)	3.3	NTU
Dissolved Oxygen (on-site)	6	mg/l
eH/ORP ( On Site )	111.4	mV
Depth to water (DTW) (FROM TOC)	73.29	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:29	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	11.1		3.00	1	12/20/2023 00:23	<a href="#">WG2192130</a>

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

Analyte	Result	Units
pH (On Site)	5.19	su
Specific Conductance (on site)	140	umhos/cm
Temperature (on-site)	14.8	Deg. C
Turbidity (on-site)	5.1	NTU
Dissolved Oxygen (on-site)	5.1	mg/l
eH/ORP ( On Site )	153.9	mV
Depth to water (DTW) (FROM TOC)	57.37	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:34	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	4.57		3.00	1	12/20/2023 00:33	<a href="#">WG2192130</a>

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

Analyte	Result	Units
pH (On Site)	6.54	su
Specific Conductance (on site)	1039	umhos/cm
Temperature (on-site)	15.5	Deg. C
Turbidity (on-site)	5.6	NTU
Dissolved Oxygen (on-site)	1.3	mg/l
eH/ORP ( On Site )	29.3	mV
Depth to water (DTW) (FROM TOC)	61.34	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:37	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	20.7		3.00	1	12/20/2023 00:42	<a href="#">WG2192130</a>

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

Analyte	Result	Units
pH (On Site)	6.37	su
Specific Conductance (on site)	1085	umhos/cm
Temperature (on-site)	15.1	Deg. C
Turbidity (on-site)	3.2	NTU
Dissolved Oxygen (on-site)	2.3	mg/l
eH/ORP ( On Site )	-73.2	mV
Depth to water (DTW) (FROM TOC)	72.2	ft

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	0.106		0.100	1	12/10/2023 16:38	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	25.8		3.00	1	12/20/2023 00:52	<a href="#">WG2192130</a>

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

Analyte	Result	Units
pH (On Site)	6.23	su
Specific Conductance (on site)	1020	umhos/cm
Temperature (on-site)	15.8	Deg. C
Turbidity (on-site)	3.4	NTU
Dissolved Oxygen (on-site)	1.3	mg/l
eH/ORP ( On Site )	10.1	mV
Depth to water (DTW) (FROM TOC)	51.38	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:40	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	17.4		3.00	1	12/20/2023 01:01	<a href="#">WG2192130</a>



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

Analyte	Result	Units
pH (On Site)	6.76	su
Specific Conductance (on site)	810	umhos/cm
Temperature (on-site)	16.5	Deg. C
Turbidity (on-site)	3.2	NTU
Dissolved Oxygen (on-site)	3.1	mg/l
eH/ORP ( On Site )	93.2	mV
Depth to water (DTW) (FROM TOC)	43.8	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:46	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	14.9		3.00	1	12/20/2023 01:11	<a href="#">WG2192130</a>

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

Analyte	Result	Units
pH (On Site)	6.5	su
Specific Conductance (on site)	1000	umhos/cm
Temperature (on-site)	16.1	Deg. C
Turbidity (on-site)	3.1	NTU
Dissolved Oxygen (on-site)	0.4	mg/l
eH/ORP ( On Site )	104.5	mV
Depth to water (DTW) (FROM TOC)	11.2	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:47	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	19.7		3.00	1	12/20/2023 11:19	<a href="#">WG2192142</a>

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

Analyte	Result	Units
pH (On Site)	6.26	su
Specific Conductance (on site)	986	umhos/cm
Temperature (on-site)	15.5	Deg. C
Turbidity (on-site)	2.5	NTU
Dissolved Oxygen (on-site)	0.9	mg/l
eH/ORP ( On Site )	133.6	mV
Depth to water (DTW) (FROM TOC)	54.4	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:49	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	33.6		3.00	1	12/20/2023 11:57	<a href="#">WG2192142</a>

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

Analyte	Result	Units
pH (On Site)	6.23	su
Specific Conductance (on site)	1141	umhos/cm
Temperature (on-site)	15.9	Deg. C
Turbidity (on-site)	3.4	NTU
Dissolved Oxygen (on-site)	0.5	mg/l
eH/ORP ( On Site )	-46.2	mV
Depth to water (DTW) (FROM TOC)	59.6	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	0.125		0.100	1	12/10/2023 16:50	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	24.4		3.00	1	12/20/2023 12:07	<a href="#">WG2192142</a>

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

Analyte	Result	Units
pH (On Site)	6.76	su
Specific Conductance (on site)	840	umhos/cm
Temperature (on-site)	14.7	Deg. C
Turbidity (on-site)	3.3	NTU
Dissolved Oxygen (on-site)	4.8	mg/l
eH/ORP ( On Site )	59.9	mV
Depth to water (DTW) (FROM TOC)	56.8	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:52	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	5.56		3.00	1	12/20/2023 12:16	<a href="#">WG2192142</a>

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

Analyte	Result	Units
pH (On Site)	6.61	su
Specific Conductance (on site)	774	umhos/cm
Temperature (on-site)	14.7	Deg. C
Turbidity (on-site)	3	NTU
Dissolved Oxygen (on-site)	4.3	mg/l
eH/ORP ( On Site )	155.6	mV
Depth to water (DTW) (FROM TOC)	87.78	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:53	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	30.2		3.00	1	12/20/2023 12:45	<a href="#">WG2192142</a>

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

Analyte	Result	Units
pH (On Site)	6.4	su
Specific Conductance (on site)	768	umhos/cm
Temperature (on-site)	15.2	Deg. C
Turbidity (on-site)	2.8	NTU
Dissolved Oxygen (on-site)	5.4	mg/l
eH/ORP ( On Site )	77	mV
Depth to water (DTW) (FROM TOC)	58.85	ft

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:55	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	39.8		3.00	1	12/20/2023 12:54	<a href="#">WG2192142</a>

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

Analyte	Result	Units
pH (On Site)	7.09	su
Specific Conductance (on site)	481	umhos/cm
Temperature (on-site)	15	Deg. C
Turbidity (on-site)	2.8	NTU
Dissolved Oxygen (on-site)	6.7	mg/l
eH/ORP ( On Site )	-2.7	mV
Depth to water (DTW) (FROM TOC)	76.72	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:56	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	4.01		3.00	1	12/20/2023 13:04	<a href="#">WG2192142</a>



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

Analyte	Result	Units
pH (On Site)	6.69	su
Specific Conductance (on site)	494	umhos/cm
Temperature (on-site)	17.2	Deg. C
Turbidity (on-site)	13.1	NTU
Dissolved Oxygen (on-site)	6.9	mg/l
eH/ORP ( On Site )	96.1	mV
Depth to water (DTW) (FROM TOC)	60.5	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:58	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	6.62		3.00	1	12/20/2023 13:13	<a href="#">WG2192142</a>

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

Analyte	Result	Units
pH (On Site)	6.65	su
Specific Conductance (on site)	738	umhos/cm
Temperature (on-site)	16.4	Deg. C
Turbidity (on-site)	2.8	NTU
Dissolved Oxygen (on-site)	5.6	mg/l
eH/ORP ( On Site )	85.3	mV
Depth to water (DTW) (FROM TOC)	67.85	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	12/10/2023 16:59	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	7.55		3.00	1	12/20/2023 13:23	<a href="#">WG2192142</a>

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	12/10/2023 17:05	<a href="#">WG2186488</a>

<sup>1</sup> Cp

<sup>2</sup> Tc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	ND		3.00	1	12/20/2023 13:32	<a href="#">WG2192142</a>

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	12/10/2023 17:08	<a href="#">WG2186488</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	17.4		3.00	1	12/20/2023 13:42	<a href="#">WG2192142</a>

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Method Blank (MB)

(MB) R4010426-1 12/10/23 16:26

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1686168-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1686168-02 12/10/23 16:34 • (DUP) R4010426-5 12/10/23 16:35

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

L1686168-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1686168-17 12/10/23 17:08 • (DUP) R4010426-7 12/10/23 17:10

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

Laboratory Control Sample (LCS)

(LCS) R4010426-2 12/10/23 16:28

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Ammonia Nitrogen	7.50	7.53	100	90.0-110	

L1686168-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1686168-01 12/10/23 16:29 • (MS) R4010426-3 12/10/23 16:31 • (MSD) R4010426-4 12/10/23 16:32

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Ammonia Nitrogen	5.00	ND	5.19	5.27	104	105	1	90.0-110			1.51	10

L1686168-16 Original Sample (OS) • Matrix Spike (MS)

(OS) L1686168-16 12/10/23 17:05 • (MS) R4010426-6 12/10/23 17:07

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Ammonia Nitrogen	5.00	ND	5.20	104	1	90.0-110	

Method Blank (MB)

(MB) R4014731-1 12/19/23 09:14

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1685803-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1685803-09 12/19/23 21:13 • (DUP) R4014731-3 12/19/23 21:22

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	12.2	12.2	1	0.0839		15

L1686168-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1686168-06 12/20/23 01:11 • (DUP) R4014731-6 12/20/23 01:20

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	14.9	14.9	1	0.114		15

Laboratory Control Sample (LCS)

(LCS) R4014731-2 12/19/23 09:23

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	40.6	102	80.0-120	

L1685803-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1685803-09 12/19/23 21:13 • (MS) R4014731-4 12/19/23 21:32 • (MSD) R4014731-5 12/19/23 21:41

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	40.0	12.2	50.0	49.9	94.6	94.4	1	80.0-120			0.238	15

L1686168-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1686168-06 12/20/23 01:11 • (MS) R4014731-7 12/20/23 01:30

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Chloride	40.0	14.9	51.7	91.9	1	80.0-120	

Method Blank (MB)

(MB) R4015296-1 12/20/23 09:44

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1686168-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1686168-07 12/20/23 11:19 • (DUP) R4015296-3 12/20/23 11:29

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	19.7	19.7	1	0.0853		15

L1686417-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1686417-13 12/20/23 15:36 • (DUP) R4015296-6 12/20/23 15:45

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	ND	ND	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R4015296-2 12/20/23 09:54

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	40.5	101	80.0-120	

L1686168-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1686168-07 12/20/23 11:19 • (MS) R4015296-4 12/20/23 11:38 • (MSD) R4015296-5 12/20/23 11:48

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	40.0	19.7	55.1	55.1	88.6	88.5	1	80.0-120			0.126	15

L1686417-13 Original Sample (OS) • Matrix Spike (MS)

(OS) L1686417-13 12/20/23 15:36 • (MS) R4015296-7 12/20/23 15:55

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Chloride	40.0	ND	39.1	97.8	1	80.0-120	

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

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

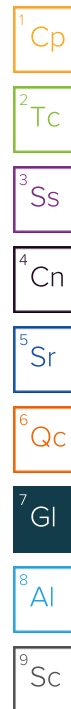
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location.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

### Abbreviations and Definitions

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

### Qualifier Description

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





# ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	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 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Company Name/Address: **Eco-Vista (Tontitown)LF**  
 88 Joyce Lane  
 Russellville, AR 72801

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

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: \_\_\_\_\_ Please Circle: PT MT CT ET

Chain of Custody Page 1 of 2



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

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

Collected by (print): **Chris Fineler**  
 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  
 Date Results Needed: \_\_\_\_\_

Immediately Packed on Ice N  Y

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
LDS-9		GW				2
LDS-10		GW				2
LDS-11		GW				2
LDS-12		GW				2
LGW-2	Grab	GW	73.90	12.7.23	1215	2
LGW-3R		GW	57.65		1140	2
LGW-4		GW	61.45		1105	2
LGW-5		GW	72.2		1030	2
LGW-6		GW	57.40		0900	2
LGW-7		GW	44.50		1410	2

Analysis / Container / Preservative	Pres Chk		Analysis / Container / Preservative																	
	1	2	1	2	3	4	5	6	7	8	9	10								
CHLORIDE 125mIHDPE-NoPres																				
NH3 250mIHDPE-H2SO4																				

SDG #: **L1686169**  
**D240**

Acctnum: **WMECOVISAR**  
 Template: **T161046**  
 Prelogin: **P1038071**  
 PM: **616 Stacy Kennedy**  
 PB: **0111123**

Shipped Via: **FedEX Ground**

Remarks: \_\_\_\_\_ Sample # (lab only): \_\_\_\_\_

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

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

pH \_\_\_\_\_ Temp \_\_\_\_\_  
 Flow \_\_\_\_\_ Other \_\_\_\_\_

Samples returned via:  UPS  FedEx  Courier \_\_\_\_\_ Tracking #: \_\_\_\_\_

Relinquished by: (Signature) <i>[Signature]</i>	Date: <b>12-7-23</b>	Time: <b>1700</b>	Received by: (Signature) _____	Trip Blank Received: Yes/No <b>CCAB</b> HCL/MeOH TBR
Relinquished by: (Signature) _____	Date: _____	Time: _____	Received by: (Signature) _____	Temp: <b>14.0 to 14.2</b> °C Bottles Received: <b>34</b>
Relinquished by: (Signature) _____	Date: _____	Time: _____	Received for lab by: (Signature) <i>[Signature]</i>	Date: <b>12-8-23</b> Time: <b>0900</b> Hold: _____ Condition: <b>NCF / OK</b>

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 Headpace:  Y  N  
 Preservation Correct/Checked:  Y  N  
 RAD Screen <0.5 mR/hr:  Y  N

Company Name/Address:  
**Eco-Vista (Tontitown)LF**  
 88 Joyce Lane  
 Russellville, AR 72801

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

Report to:  
**Jodi Reynolds**

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

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

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

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

Collected by (print): *Chris Funder* 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) \_\_\_\_\_  
 Immediately \_\_\_\_\_  
 Packed on Ice N \_\_\_\_\_ Y X

Quote # \_\_\_\_\_ Date Results Needed \_\_\_\_\_ No. of Cntrs \_\_\_\_\_

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
LGW-8R	Grab	GW	11.50	12.7.23	1325	2
LGW-9		GW	55.50	12.6.23	1400	2
LGW-10		GW	60.75	12.6.23	1440	2
LGW-14R		GW	58.90	12.7.23	0940	2
MW-7N		GW	88.10	12.6.23	1330	2
MW-15		GW	58.85		1600	2
MW-16		GW	76.72		1520	2
MW-17		GW	60.60	12.7.23	1545	2
MW-19		GW	68.50	12.6.23	1635	2
FB		GW	N/A	12.6.23	1315	2

Analysis / Container / Preservative	
CHLORIDE 125mlHDPE-NoPres	NH3 250mlHDPE-H2SO4

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 # U686168

Table # \_\_\_\_\_

Acctnum: **WMCOVISAR**  
 Template: **T161046**  
 Prelogin: **P1038071**  
 PM: **616 - Stacy Kennedy**  
 PB: 111723

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.**

Samples returned via: \_\_\_\_\_ Tracking # \_\_\_\_\_  
 \_\_\_ UPS \_\_\_ FedEx \_\_\_ Courier \_\_\_\_\_

Sample Receipt Checklist

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

Relinquished by: (Signature) *[Signature]* Date: 12.7.23 Time: 1700

Received by: (Signature) \_\_\_\_\_ Trip Blank Received: Yes/No  
 HCL/MeoH TBR

Relinquished by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: (Signature) \_\_\_\_\_ Temp: 14.0 °C Bottles Received: 34

Relinquished by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received for lab by: (Signature) *[Signature]* Date: 12-8-23 Time: 0900

If preservation required by Login: Date/Time  
 Hold: \_\_\_\_\_ Condition: NCF / OK

Company Name/Address: **Eco-Vista (Tontitown)LF**  
 88 Joyce Lane  
 Russellville, AR 72801

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

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 Funder* 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 \_\_\_\_\_ No. of Cntrs \_\_\_\_\_

Analysis / Container / Preservative

Chain of Custody Page **3** 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/hubs/pas-standard-terms.pdf>

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	NH3 250mlHDPE-H2SO4												
LGW-6-DUP	<i>Grab</i>	GW	<i>77.77</i>	<i>12-7-23</i>	<i>0700</i>	2	X	X												
		GW				2	X	X												
		GW				2	X	X												
		GW				2	X	X												
		GW				2	X	X												

SDG # *L1686168*

Table # \_\_\_\_\_

Acctnum: **WMECOVISAR**  
 Template: **T161046**  
 Prelogin: **P1038071**  
 PM: **616 - Stacy Kennedy**  
 PB: *[Signature]*

Shipped Via: **FedEX Ground**

Remarks \_\_\_\_\_ Sample # (lab only) *17*

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

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

pH \_\_\_\_\_ Temp \_\_\_\_\_  
 Flow \_\_\_\_\_ Other \_\_\_\_\_

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

Samples returned via: UPS FedEx Courier Tracking # \_\_\_\_\_

Relinquished by: (Signature) <i>[Signature]</i>	Date: <i>12-7-23</i>	Time: <i>1700</i>	Received by: (Signature) _____	Trip Blank Received: Yes/No <input checked="" type="checkbox"/> HCL/MeoH TBR
Relinquished by: (Signature) _____	Date: _____	Time: _____	Received by: (Signature) _____	Temp: <i>14°C</i> Bottles Received: <i>34</i>
Relinquished by: (Signature) _____	Date: _____	Time: _____	Received for lab by: (Signature) <i>[Signature]</i>	Date: <i>12-8-23</i> Time: <i>0700</i> Hold: _____ Condition: <b>NCF / OK</b>

# FIELD INFORMATION FORM



Site Name: EVLF  
 Site No.:       
 Sample Point: LC-W-2  
 Sample ID:     

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

Laboratory Use Only/Lab ID:     

**PURGE INFO**  
 PURGE DATE: 120723 (MM DD YY)  
 PURGE TIME: 1150 (2400 Hr Clock)  
 ELAPSED HRS:      (hrs:min)  
 WATER VOL IN CASING:      (Gallons)  
 ACTUAL VOL PURGED:      (Gallons)  
 WELL VOL PURGED:     

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

**PURGE/SAMPLE EQUIPMENT**  
 Purging and Sampling Equipment ... Dedicated:  Y or  N  
 Purging Device:  C A-Submersible Pump D-Bailer  
 B-Peristaltic Pump E-Piston Pump  
 Sampling Device:  C C-QED Bladder Pump F-Dipper/Bottle  
 X-Other:       
 Filter Device:  Y or  X 0.45 μ or      μ (circle or fill in)  
 Filter Type:       
 Sample Tube Type: 0  
 A-In-line Disposable C-Vacuum  
 B-Pressure X-Other       
 A-Teflon C-PVC X-Other:       
 B-Stainless Steel D-Polypropylene

**WELL DATA**  
 Well Elevation (at TOC):      (ft/msl)  
 Depth to Water (DTW) (from TOC): 7329 (ft)  
 Groundwater Elevation (site datum, from TOC):      (ft/msl)  
 Total Well Depth (from TOC):      (ft)  
 Stick Up (from ground elevation):      (ft)  
 Casing ID: 2 (in)  
 Casing Material: PVC

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

**STABILIZATION DATA (Optional)**

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:55	200 1 <sup>st</sup>	6.35	1587	15.3	37	6.0	137.2	73.7
12:00	200 2 <sup>nd</sup>	6.52	788	15.5	34	6.9	122.7	73.75
12:05	200 3 <sup>rd</sup>	6.64	828	15.2	34	6.5	116.8	73.8
12:10	200 4 <sup>th</sup>	6.68	832	15.2	35	6.2	114.4	73.85
12:15	200	6.69	839	15.3	33	6.0	111.4	73.9

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

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

**FIELD DATA**  
 SAMPLE DATE (MM DD YY): 120723  
 pH (std): 6.69  
 CONDUCTANCE (umhos/cm @ 25°C): 839  
 TEMP. (°C): 15.3  
 TURBIDITY (ntu): 33  
 DO (mg/L-ppm): 6.0  
 eH/ORP (mV): 111.4  
 Other:     

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

Sample Appearance: clear      Odor: none      Color: clear      Other:       
 Weather Conditions (required daily, or as conditions change):           Direction/Speed:           Outlook:           Precipitation: Y or N  
 Specific Comments (including purge/well volume calculations if required):     

**FIELD COMMENTS**  
      
      
    

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):  
12/7/23      C. Fincher      [Signature]      [Signature]  
 Date      Name      Signature      Company

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

# FIELD INFORMATION FORM



Site Name: EVLF  
 Site No.:       
 Sample Point: LCW-3R  
 Sample ID:     

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

Laboratory Use Only/Lab ID:     

**PURGE INFO**  
 PURGE DATE (MM DD YY): 11/20/23  
 PURGE TIME (2400 Hr Clock): 1145  
 ELAPSED HRS (hrs:min):       
 WATER VOL IN CASING (Gallons):       
 ACTUAL VOL PURGED (Gallons):       
 WELL VOLs PURGED:       
*Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.*

**PURGE/SAMPLE EQUIPMENT**  
 Purging and Sampling Equipment ... Dedicated:  or  N  
 Filter Device:  Y or  N 0.45 μ or      μ (circle or fill in)  
 Purging Device:  C A- Submersible Pump D-Bailer  
 B- Peristaltic Pump E- Piston Pump  
 Sampling Device:  C C-QED Bladder Pump F- Dipper/Bottle  
 X-Other:       
 Filter Type:       
 A-In-line Disposable C-Vacuum  
 B-Pressure X-Other       
 A-Teflon C-PVC X-Other:       
 B-Stainless Steel D-Polypropylene  
 Sample Tube Type: 10

**WELL DATA**  
 Well Elevation (at TOC)      (ft/msl)      Depth to Water (DTW) (from TOC) 57.37 (ft)  
 Groundwater Elevation (site datum, from TOC)      (ft/msl)  
 Total Well Depth (from TOC)      (ft)      Stick Up (from ground elevation)      (ft)  
 Casing ID 2 (in)      Casing Material PVC  
*Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.*

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (μmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:20	200 1 <sup>st</sup>	6.34	510	15.1	54	4.8	481	57.6
11:25	200 2 <sup>nd</sup>	5.67	260	14.9	53	5.7	816	57.65
11:30	200 3 <sup>rd</sup>	5.24	149	14.8	54	5.2	1378	57.65
11:35	200 4 <sup>th</sup>	5.19	142	14.8	52	5.2	1511	57.65
11:40	200	5.19	140	14.8	51	5.1	1539	57.65

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

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

**FIELD DATA**  
 SAMPLE DATE (MM DD YY): 11/20/23  
 pH (std): 5.19  
 CONDUCTANCE (umhos/cm @ 25°C): 140  
 TEMP. (°C): 14.8  
 TURBIDITY (ntu): 51  
 DO (mg/L-ppm): 5.1  
 eH/ORP (mV): 1539  
 Other:       
**Final Field Readings are required** (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.)

Sample Appearance: clear      Odor: none      Color: clear      Other:       
 Weather Conditions (required daily, or as conditions change):           Direction/Speed:           Outlook:           Precipitation: Y or N  
 Specific Comments (including purge/well volume calculations if required):     

**FIELD COMMENTS**  
      
      
      
    

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign).  
11/27/23      C. [Signature]      [Signature]      [Signature]  
 Date      Name      Signature      Company

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

# FIELD INFORMATION FORM



Site Name: EVLF  
 Site No.:      Sample Point: LGW-4  
 Sample ID:     

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

Laboratory Use Only/Lab ID:     

**PURGE INFO**  
 PURGE DATE: 120723 PURGE TIME: 10:40 ELAPSED HRS:       
 WATER VOL IN CASING:      ACTUAL VOL PURGED:      WELL VOLS PURGED:       
Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

**PURGE/SAMPLE EQUIPMENT**  
 Purging and Sampling Equipment ... Dedicated:  or  N  
 Purging Device: C A- Submersible Pump D-Bailer  
 Sampling Device: C B-Peristaltic Pump E-Piston Pump  
 X-Other:      C-QED Bladder Pump F-Dipper/Bottle  
 Filter Device: Y or  0.45 μ or      μ (circle or fill in)  
 Filter Type:      A-In-line Disposable C-Vacuum  
 B-Pressure X-Other:       
 Sample Tube Type: 0 A-Teflon C-PVC X-Other:       
 B-Stainless Steel D-Polypropylene

**WELL DATA**  
 Well Elevation (at TOC):      (ft/msl) Depth to Water (DTW) (from TOC): 6134 (ft) Groundwater Elevation (site datum, from TOC):      (ft/msl)  
 Total Well Depth (from TOC):      (ft) Stick Up (from ground elevation):      (ft) Casing ID: 2 (in) Casing Material: Pvc  
Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (μmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
10:45	200 1"	6.62	11037	15.5	4.5	4.3	-14	614
10:50	200 2"	6.57	11041	15.5	6.7	12.3	15.2	614.5
10:55	200 3"	6.60	11041	15.5	6.5	11.7	19.9	614.5
11:00	200 4"	6.54	11040	15.5	6.0	11.4	26.8	614.5
11:05	200	6.54	11039	15.5	5.6	11.3	29.3	614.5

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

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

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (μmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
120723	6.54	11039	15.5	5.6	11.3	29.3	

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

Sample Appearance: Clear Odor: None Color: Clear Other:       
 Weather Conditions (required daily, or as conditions change):      Direction/Speed:      Outlook:      Precipitation: Y or N  
 Specific Comments (including purge/well volume calculations if required):     

**FIELD COMMENTS**  
      
      
      
    

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):  
12/7/23 C. Emula [Signature] [Signature]  
 Date Name Signature Company

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

# FIELD INFORMATION FORM



Site Name: EVLF  
 Site No.:       
 Sample Point: LGW-5  
 Sample ID:     

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

Laboratory Use Only/Lab ID:     

**PURGE INFO**  
 PURGE DATE (MM DD YY): 120723  
 PURGE TIME (2400 Hr Clock): 0950  
 ELAPSED HRS (hrs:min):       
 WATER VOL IN CASING (Gallons):       
 ACTUAL VOL PURGED (Gallons):       
 WELL VOLS PURGED:     

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

**PURGE/SAMPLE EQUIPMENT**  
 Purging and Sampling Equipment ... Dedicated:  or  N  
 Purging Device: C A- Submersible Pump D-Bailer  
 Sampling Device: C B-Peristaltic Pump E-Piston Pump  
 X-Other:      C-QED Bladder Pump F-Dipper/Bottle  
 Filter Device:  Y or  X 0.45  $\mu$  or       $\mu$  (circle or fill in)  
 Filter Type:      A-In-line Disposable C-Vacuum  
 B-Pressure X-Other       
 Sample Tube Type: D A-Teflon C-PVC X-Other:       
 B-Stainless Steel D-Polypropylene

**WELL DATA**  
 Well Elevation (at TOC):      (ft/msl) Depth to Water (DTW) (from TOC): 7220 (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) ( $\mu$ mhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	dH/ORP (mV)	DTW (ft)
09:55	200 1 <sup>st</sup>	6.78	836	15.0	3.4	4.8	71.5	722
10:00	200 2 <sup>nd</sup>	6.69	968	14.9	3.3	6.7	75.0	722
10:05	200 3 <sup>rd</sup>	6.57	1005	15.0	3.3	6.7	20.8	722
10:10	200 4 <sup>th</sup>	6.41	1068	15.0	3.2	4.2	-60.9	722
10:15	200	6.39	1077	15.0	3.2	3.5	-70.1	722
10:20	200	6.37	1080	15.0	3.1	2.6	-72.1	722
10:25	200	6.37	1082	15.0	3.2	2.5	-73.7	722
10:30	200	6.37	1085	15.1	3.2	2.3	-73.2	722

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

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

**FIELD DATA**  
 SAMPLE DATE (MM DD YY): 120723 pH (std): 6.37 CONDUCTANCE ( $\mu$ mhos/cm @ 25°C): 1085 TEMP. (°C): 15.1 TURBIDITY (ntu): 3.2 DO (mg/L - ppm): 2.3 dH/ORP (mV): -73.2 Other:      Units:     

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

Sample Appearance: Clear Odor: None Color: Clear Other:       
 Weather Conditions (required daily, or as conditions change):      Direction/Speed:      Outlook:      Precipitation: Y or N

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

**FIELD COMMENTS**

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

12, 7, 23 C. Fincher [Signature] [Signature]  
 Date Name Signature Company



# FIELD INFORMATION FORM



Site Name: EVLF  
 Site No.:       
 Sample Point: LGW-6  
 Sample ID:     

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

Laboratory Use Only/Lab ID:     

**PURGE INFO**  
 PURGE DATE (MM DD YY): 12 08 23  
 PURGE TIME (2400 Hr Clock): 08:30  
 ELAPSED HRS (hrs:min):       
 WATER VOL IN CASING (Gallons):       
 ACTUAL VOL PURGED (Gallons):       
 WELL VOLS PURGED:     

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

**PURGE/SAMPLE EQUIPMENT**  
 Purging and Sampling Equipment ... Dedicated:  Y or  N  
 Purging Device:  C A-Submersible Pump D-Bailer  
 Sampling Device:  C B-Peristaltic Pump E-Piston Pump  
 X-Other:       
 Filter Device:  Y or  X 0.45 μ or      μ (circle or fill in)  
 Filter Type:       
 Sample Tube Type: 0  
 A-In-line Disposable C-Vacuum  
 B-Pressure X-Other       
 A-Teflon C-PVC X-Other:       
 B-Stainless Steel D-Polypropylene

**WELL DATA**  
 Well Elevation (at TOC)      (ft/msl)      Depth to Water (DTW) (from TOC) 5138 (ft)      Groundwater Elevation (site datum, from TOC)      (ft/msl)  
 Total Well Depth (from TOC)      (ft)      Stick Up (from ground elevation)      (ft)      Casing ID 2 (in)      Casing Material PVC

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

**STABILIZATION DATA (Optional)**

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:40	200 1 <sup>st</sup>	6.47	1852	15.3	3.5	7.5	104.9	51.4
08:45	200 2 <sup>nd</sup>	6.22	1986	15.7	3.5	2.7	33.5	51.4
08:50	200 3 <sup>rd</sup>	6.22	1105	15.7	3.5	1.9	21.1	51.4
08:55	200 4 <sup>th</sup>	6.22	11013	15.7	3.6	1.6	14.8	51.4
09:00	200	6.23	11020	15.8	3.4	1.3	10.1	51.4

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

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

**FIELD DATA**

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
12 08 20	6.23	11020	15.8	3.4	1.3	10.1	

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

Sample Appearance: Clear      Odor: None      Color: Clear      Other:       
 Weather Conditions (required daily, or as conditions change): clear, 40s      Direction/Speed: SE 15-20 mph      Outlook: Good, clear, 50s      Precipitation: Y or X  
 Specific Comments (including purge/well volume calculations if required):     

**FIELD COMMENTS**  
Dup @ 77.77' @ 0700

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):  
12, 7, 23      C. Finkler      [Signature]      [Signature]  
 Date      Name      Signature      Company

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

# FIELD INFORMATION FORM



Site Name: EVLF  
 Site No.:       
 Sample Point: LCW-7  
 Sample ID:     

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

Laboratory Use Only/Lab ID:     

**PURGE INFO**  
 PURGE DATE: 120723 PURGE TIME: 1345 ELAPSED HRS:       
 (MM DD YY) (2400 Hr Clock) (hrs:min)  
 WATER VOL IN CASING:      ACTUAL VOL PURGED:      WELL VOLs PURGED:       
 (Gallons) (Gallons)

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

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

**WELL DATA**  
 Well Elevation (at TOC):      (ft/msl) Depth to Water (DTW) (from TOC): 4380 (ft) Groundwater Elevation (site datum, from TOC):      (ft/msl)  
 Total Well Depth (from TOC):      (ft) Stick Up (from ground elevation):      (ft) Casing ID: 2 (in) Casing Material: pvc  
 Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
13:50	200 1 <sup>st</sup>	6.97	853	16.7	3.2	5.5	76.7	44.5
13:55	200 2 <sup>nd</sup>	6.96	744	16.5	3.2	4.2	78.9	44.5
14:00	200 3 <sup>rd</sup>	6.84	781	16.5	3.2	3.5	87.3	44.5
14:05	200 4 <sup>th</sup>	6.79	800	16.5	3.1	3.3	91.6	44.5
14:10	200	6.76	810	16.5	3.2	3.1	93.2	44.5

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

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

**FIELD DATA**  
 SAMPLE DATE (MM DD YY): 120723 pH (std): 6.76 CONDUCTANCE (umhos/cm @ 25°C): 810 TEMP. (°C): 16.5 TURBIDITY (ntu): 3.2 DO (mg/L-ppm): 3.1 eH/ORP (mV): 93.2 Other:       
 Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site).

Sample Appearance: Clear Odor: None Color: Clear Other:       
 Weather Conditions (required daily, or as conditions change):      Direction/Speed:      Outlook:      Precipitation: Y or N  
 Specific Comments (including purge/well volume calculations if required):     

**FIELD COMMENTS**  
      
      
      
    

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

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

ORIGINAL COPY

# FIELD INFORMATION FORM



Site Name: EVLF  
 Site No.:       
 Sample Point: LLW-8R  
 Sample ID:     

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

Laboratory Use Only/Lab ID:     

**PURGE INFO**  
 PURGE DATE (MM DD YY): 12 07 23  
 PURGE TIME (2400 Hr Clock): 13:00  
 ELAPSED HRS (hrs:min):     
 WATER VOL IN CASING (Gallons):     
 ACTUAL VOL PURGED (Gallons):     
 WELL VOLS PURGED:   

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

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

**WELL DATA**  
 Well Elevation (at TOC)      (ft/msl) Depth to Water (DTW) (from TOC) 1120 (ft) Groundwater Elevation (site datum, from TOC)      (ft/msl)  
 Total Well Depth (from TOC)      (ft) Stick Up (from ground elevation)      (ft) Casing ID 2 (in) Casing Material PVC  
*Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.*

**STABILIZATION DATA (Optional)**

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (μmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
13:05	200 1 <sup>st</sup>	6.56	11021	16.0	3.0	0.8	1064	11.5
13:10	200 2 <sup>nd</sup>	6.53	11021	16.0	2.9	0.5	1057	11.5
13:15	200 3 <sup>rd</sup>	6.51	11010	16.0	2.9	0.5	1048	11.5
13:20	200 4 <sup>th</sup>	6.50	11003	16.1	3.0	0.4	1046	11.5
13:25	200	6.50	11000	16.1	3.1	0.4	1045	11.5

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

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

**FIELD DATA**  
 SAMPLE DATE (MM DD YY): 12 07 23  
 pH (std): 6.50  
 CONDUCTANCE (umhos/cm @ 25°C): 1000  
 TEMP. (°C): 16.1  
 TURBIDITY (ntu): 3.1  
 DO (mg/L-ppm): 0.4  
 eH/ORP (mV): 1045  
 Other:      Units:     

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

Sample Appearance: clear Odor: none Color: clear Other:       
 Weather Conditions (required daily, or as conditions change):      Direction/Speed:      Outlook:      Precipitation: Y or N  
 Specific Comments (including purge/well volume calculations if required):     

**FIELD COMMENTS**  
      
      
      
    

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):  
12 7 23 C. Finler [Signature] [Signature]  
 Date Name Signature Company

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

# FIELD INFORMATION FORM



Site Name: EVLF

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

Laboratory Use Only/Lab ID: \_\_\_\_\_

Site No.: \_\_\_\_\_ Sample Point: L6W-9 Sample ID

**PURGE INFO**

PURGE DATE (MM DD YY): 12 06 23	PURGE TIME (2400 Hr Clock): 13:40	ELAPSED HRS (hrs:min):	WATER VOL IN CASING (Gallons):	ACTUAL VOL PURGED (Gallons):	WELL VOLS PURGED:
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Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

**PURGE/SAMPLE EQUIPMENT**

Purging and Sampling Equipment ... Dedicated:  Y or  N

Filter Device:  Y or  X 0.45  $\mu$  or \_\_\_\_\_  $\mu$  (circle or fill in)

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

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

Sampling Device:  C  
X-Other: \_\_\_\_\_

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

**WELL DATA**

Well Elevation (at TOC): \_\_\_\_\_ (ft/msl)      Depth to Water (DTW) (from TOC): 5440 (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) ( $\mu$ mhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
13:45	200 1"	6.33	973	15.7	2.5	5.6	131.2	55.25
13:50	200 2"	6.26	993	15.7	2.6	1.7	133.8	55.35
13:55	200 3"	6.26	989	15.6	2.5	1.2	133.6	55.45
14:00	200 4"	6.26	986	15.5	2.5	0.9	133.6	55.5

Suggested range for 3 consec. readings or note Permit/State requirements:      +/- 0.2      +/- 3%      -      -      +/- 10%      +/- 25 mV      Stabilize

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

**FIELD DATA**

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE ( $\mu$ mhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____
12 06 23	6.26	986	15.5	2.5	0.9	133.6	

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

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

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

**FIELD COMMENTS**

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):

12/6/23      C. Anwar      \_\_\_\_\_      \_\_\_\_\_

Date      Name      Signature      Company

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

# FIELD INFORMATION FORM



Site Name: EVLF  
 Site No.:       
 Sample Point: mW-7W  
 Sample ID:     

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

Laboratory Use Only/Lab ID:     

**PURGE INFO**  
 PURGE DATE (MM DD YY): 120623  
 PURGE TIME (2400 Hr Clock): 13:00  
 ELAPSED HRS (hrs:min):       
 WATER VOL IN CASING (Gallons):       
 ACTUAL VOL PURGED (Gallons):       
 WELL VOL PURGED:     

**PURGE/SAMPLE EQUIPMENT**  
 Purging and Sampling Equipment ... Dedicated:  Y or  N  
 Purging Device: C A-Submersible Pump D-Bailer  
 Sampling Device: C B-Peristaltic Pump E-Piston Pump  
 X-Other:      C-QED Bladder Pump F-Dipper/Bottle  
 Filter Device:  Y or  N 0.45 μ or      μ (circle or fill in)  
 Filter Type:      A-In-line Disposable C-Vacuum  
 B-Pressure X-Other       
 Sample Tube Type: 0 A-Teflon C-PVC X-Other:       
 B-Stainless Steel D-Polypropylene

**WELL DATA**  
 Well Elevation (at TOC):      (ft/msl) Depth to Water (DTW) (from TOC): 87.78 (ft) Groundwater Elevation (site datum, from TOC):      (ft/msl)  
 Total Well Depth (from TOC):      (ft) Stick Up (from ground elevation):      (ft) Casing ID: 2 (in) Casing Material: Pvc  
*Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.*

**STABILIZATION DATA (Optional)**

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (μmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	dH/ORP (mV)	DTW (ft)
13:05	285 1 <sup>st</sup>	6.97	743	14.5	29	10.3	162.2	88.1
13:10	285 2 <sup>nd</sup>	7.03	766	14.7	27	9.7	153.8	88.1
13:15	200 3 <sup>rd</sup>	6.69	776	14.8	28	6.0	157.9	88.1
13:20	200 4 <sup>th</sup>	6.63	777	14.9	28	5.1	156.8	88.1
13:25	200	6.62	776	14.7	28	4.8	156.3	88.1
13:30	200	6.61	774	14.7	30	4.3	155.6	88.1

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

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

**FIELD DATA**  
 SAMPLE DATE (MM DD YY): 120623 pH (std): 6.61 CONDUCTANCE (μmhos/cm @ 25°C): 774 TEMP. (°C): 14.7 TURBIDITY (ntu): 30 DO (mg/L-ppm): 4.3 dH/ORP (mV): 155.6 Other:       
**Final Field Readings are required** (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site).

Sample Appearance: Clear Odor: None Color: Clear Other:       
 Weather Conditions (required daily, or as conditions change):      Direction/Speed: SE 10-15 mph Outlook: Sunny, 80° Precipitation: Y or X  
 Specific Comments (including purge/well volume calculations if required):     

**FIELD COMMENTS**  
      
      
      
      
    

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):  
12.6.23 Chris Fincher            
 Date Name Signature Company  
**DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client**

# FIELD INFORMATION FORM



Site Name: EVLF  
 Site No.:       
 Sample Point: LGW-10  
 Sample ID:     

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

Laboratory Use Only/Lab ID:     

**PURGE INFO**  
 PURGE DATE: 12/06/23 PURGE TIME: 14:15 ELAPSED HRS:       
 WATER VOL IN CASING:      ACTUAL VOL PURGED:      WELL VOLS PURGED:     

**PURGE/SAMPLE EQUIPMENT**  
 Purging and Sampling Equipment ... Dedicated:  or  **Filter Device:**  or  0.45  $\mu$  or       $\mu$  (circle or fill in)  
 Purging Device: C A-Submersible Pump D-Bailer **Filter Type:**      A-In-line Disposable C-Vacuum  
 Sampling Device: C B-Peristaltic Pump E-Piston Pump B-Pressure X-Other       
 X-Other:      C-QED Bladder Pump F-Dipper/Bottle **Sample Tube Type:** D A-Teflon C-PVC X-Other:       
 B-Stainless Steel D-Polypropylene

**WELL DATA**  
 Well Elevation (at TOC):      (ft/msl) Depth to Water (DTW) (from TOC): 59.60 (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) ( $\mu$ mhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	H/ORP (mV)	DTW (ft)
14:20	200 1"	6.49	1109.1	15.8	4.8	1.33	189	60.15
14:25	200 2"	6.24	1154	15.9	X 115.6	1.4	-172	60.55
14:30	200 3"	6.22	1150	15.8	4.8	0.9	-31.9	60.65
14:36	200 4"	6.23	1145	15.8	3.5	0.7	-40.0	60.7
14:40	200	6.23	1141	15.9	3.4	0.5	-46.2	60.75

Suggested range for 3 consec. readings or note Permit/State requirements: pH +/- 0.2, Conductance +/- 3%, Temp. --, Turbidity --, D.O. +/- 10%, H/ORP +/- 25mV, 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): 12/06/23 pH (std): 6.23 CONDUCTANCE ( $\mu$ mhos/cm @ 25°C): 1141 TEMP. (°C): 15.9 TURBIDITY (ntu): 3.4 DO (mg/L-ppm): 0.5 H/ORP (mV): -46.2 Other:       
**Final Field Readings are required** (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site).

Sample Appearance: Clear Odor: NONE Color: Clear Other:       
 Weather Conditions (required daily, or as conditions change):      Direction/Speed:      Outlook:      Precipitation: Y or N  
 Specific Comments (including purge/well volume calculations if required):     

**FIELD COMMENTS**  
      
      
      
    

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):  
12/6/23 C. Finke [Signature] [Signature]  
 Date Name Signature Company

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

# FIELD INFORMATION FORM



Site Name: EVLF  
 Site No.:       
 Sample Point: LGW14R  
 Sample ID

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

Laboratory Use Only/Lab ID:     

**PURGE INFO**  
 PURGE DATE (MM DD YY): 120723  
 PURGE TIME (2400 Hr Clock): 0915  
 ELAPSED HRS (hrs:min):       
 WATER VOL IN CASING (Gallons):       
 ACTUAL VOL PURGED (Gallons):       
 WELL VOLs PURGED:     

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

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

**WELL DATA**  
 Well Elevation (at TOC):      (ft/msl) Depth to Water (DTW) (from TOC): 5686 (ft) Groundwater Elevation (site datum, from TOC):      (ft/msl)  
 Total Well Depth (from TOC):      (ft) Stick Up (from ground elevation):      (ft) Casing ID: 2 (in) Casing Material: PVC

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

**STABILIZATION DATA (Optional)**

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
09:20	200 1 <sup>st</sup>	6.90	761	15.1	3.5	6.8	186	157.8
09:25	200 2 <sup>nd</sup>	6.79	834	14.9	3.3	5.4	402	158.5
09:30	200 3 <sup>rd</sup>	6.76	840	14.9	3.3	5.0	506	158.7
09:35	200 4 <sup>th</sup>	6.76	842	14.8	3.4	4.9	558	158.8
09:40	200	6.76	840	14.7	3.3	4.8	599	158.9

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

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

**FIELD DATA**  
 SAMPLE DATE (MM DD YY): 120723 pH (std): 6.76 CONDUCTANCE (umhos/cm @ 25°C): 840 TEMP. (°C): 14.7 TURBIDITY (ntu): 3.3 DO (mg/L-ppm): 4.8 eH/ORP (mV): 599 Other:     

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

Sample Appearance: Clear Odor: None Color: Clear Other:       
 Weather Conditions (required daily, or as conditions change):      Direction/Speed:      Outlook:      Precipitation: Y or N  
 Specific Comments (including purge/well volume calculations if required):     

**FIELD COMMENTS**  
      
      
      
    

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

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

# FIELD INFORMATION FORM



Site Name: EVLF  
 Site No.:       
 Sample Point: MW-15  
 Sample ID:     

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

Laboratory Use Only/Lab ID:     

**PURGE INFO**  
 PURGE DATE (MM DD YY): 120623  
 PURGE TIME (2400 Hr Clock): 1530  
 ELAPSED HRS (hrs:min):       
 WATER VOL IN CASING (Gallons):       
 ACTUAL VOL PURGED (Gallons):       
 WELL VOLS PURGED:     

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

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

**WELL DATA**  
 Well Elevation (at TOC):      (ft/msl) Depth to Water (DTW) (from TOC): 5885 (ft) Groundwater Elevation (site datum, from TOC):      (ft/msl)  
 Total Well Depth (from TOC):      (ft) Stick Up (from ground elevation):      (ft) Casing ID: 2 (in) Casing Material: PVC

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

**STABILIZATION DATA (Optional)**

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
15:35	200 1 <sup>st</sup>	6.68	768	15.2	28	5.4	770	5885
15:40	200 2 <sup>nd</sup>	6.42	762	15.3	28	5.4	770	5885
15:45	200 3 <sup>rd</sup>	6.40	767	15.3	28	5.4	770	5885
15:50	200 4 <sup>th</sup>	6.40	768	15.2	28	5.4	770	5885
16:00	200	6.40	768	15.2	28	5.4	770	5885

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

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

**FIELD DATA**

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
120623	6.40	768	15.2	28	5.4	770	

**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):  
12, 6, 23      C. Fisher      [Signature]      [Signature]  
 Date      Name      Signature      Company

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



# FIELD INFORMATION FORM



Site Name: EVLF  
Site No.:      Sample Point: MW-16  
Sample ID

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

Laboratory Use Only/Lab ID:                     

PURGE INFO: 120623 1456                 
PURGE DATE (MM DD YY) PURGE TIME (2400 Hr Clock) ELAPSED HRS (hrs:min) WATER VOL IN CASING (Gallons) ACTUAL VOL PURGED (Gallons) WELL VOLS PURGED  
*Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.*

PURGING AND SAMPLING EQUIPMENT ... Dedicated:  or  N Filter Device:  Y or  N 0.45  $\mu$  or       $\mu$  (circle or fill in)  
Purging Device:  C A- Submersible Pump D-Bailer Filter Type:      A-In-line Disposable C-Vacuum  
Sampling Device:  C B-Peristaltic Pump E-Piston Pump B-Pressure X-Other  
X-Other:      Sample Tube Type:  D A-Teflon C-PVC X-Other:       
B-Stainless Steel D-Polypropylene

WELL DATA: Well Elevation (at TOC)      (ft/msl) Depth to Water (DTW) (from TOC)      (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) ( $\mu$ mhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
		<u>14:55</u>	<u>200</u>	<u>6.58</u>	<u>851</u>	<u>14.8</u>	<u>448 33</u>	<u>139</u>	<u>-30.1</u>
	<u>15:00</u>	<u>200</u>	<u>6.72</u>	<u>677</u>	<u>15.2</u>	<u>29</u>	<u>6.7</u>	<u>-25.7</u>	<u>176.05</u>
	<u>15:05</u>	<u>200</u>	<u>6.86</u>	<u>587</u>	<u>15.1</u>	<u>29</u>	<u>6.9</u>	<u>-22.8</u>	<u>176.30</u>
	<u>15:10</u>	<u>200</u>	<u>6.95</u>	<u>528</u>	<u>15.0</u>	<u>28</u>	<u>6.8</u>	<u>-17.3</u>	<u>176.45</u>
	<u>15:15</u>	<u>200</u>	<u>7.07</u>	<u>499</u>	<u>15.0</u>	<u>29</u>	<u>6.7</u>	<u>-11.0</u>	<u>176.59</u>
	<u>15:20</u>	<u>200</u>	<u>7.09</u>	<u>481</u>	<u>15.0</u>	<u>28</u>	<u>6.7</u>	<u>-12.7</u>	<u>176.72</u>
	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

*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) 120623 pH (std) 7.09 CONDUCTANCE ( $\mu$ mhos/cm @ 25°C) 481 TEMP. (°C) 15.0 TURBIDITY (ntu) 28 DO (mg/L-ppm) 6.7 eH/ORP (mV) -27 Other:       
*Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site).*

Sample Appearance: clear Odor: none Color: clear Other:       
Weather Conditions (required daily, or as conditions change):      Direction/Speed:      Outlook:      Precipitation: Y or N

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

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):  
12, 6, 23 C. Finley Chris L P. Perry  
Date Name Signature Company

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

# FIELD INFORMATION FORM



Site Name: EVLF

**This Waste Management Field Information Form is Required**

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

Laboratory Use Only/Lab ID: \_\_\_\_\_

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

PURGE INFO: 12/07/23 15:00 \_\_\_\_\_  
PURGE DATE (MM DD YY) PURGE TIME (2400 Hr Clock) ELAPSED HRS (hrs:min) WATER VOL IN CASING (Gallons) ACTUAL VOL PURGED (Gallons) WELL VOLS PURGED

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

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

WELL DATA: Well Elevation (at TOC) \_\_\_\_\_ (ft/msl) Depth to Water (DTW) (from TOC) 6050 (ft) Groundwater Elevation (site datum, from TOC) \_\_\_\_\_ (ft/msl)  
Total Well Depth (from TOC) \_\_\_\_\_ (ft) Stick Up (from ground elevation) \_\_\_\_\_ (ft) Casing ID 2 (in) Casing Material PVC  
Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (μmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
<u>15:05</u>	<u>250</u> 1 <sup>st</sup>	<u>7.07</u> 1 <sup>st</sup>	<u>1619</u>	<u>16.7</u>	<u>1853</u>	<u>5.3</u>	<u>77.5</u>	<u>6058</u>
<u>15:10</u>	<u>250</u> 2 <sup>nd</sup>	<u>7.17</u> 2 <sup>nd</sup>	<u>1610</u>	<u>16.4</u>	<u>1960</u>	<u>5.3</u>	<u>75.3</u>	<u>6058</u>
<u>15:15</u>	<u>250</u> 3 <sup>rd</sup>	<u>7.18</u> 3 <sup>rd</sup>	<u>1594</u>	<u>16.8</u>	<u>1806</u>	<u>5.5</u>	<u>75.7</u>	<u>6016</u>
<u>15:20</u>	<u>250</u> 4 <sup>th</sup>	<u>7.13</u> 4 <sup>th</sup>	<u>1587</u>	<u>17.0</u>	<u>1701</u>	<u>5.8</u>	<u>77.3</u>	<u>6016</u>
<u>15:25</u>	<u>275</u>	<u>6.94</u>	<u>1555</u>	<u>17.1</u>	<u>1706</u>	<u>6.4</u>	<u>86.5</u>	<u>606</u>
<u>15:30</u>	<u>275</u>	<u>6.85</u>	<u>1532</u>	<u>17.2</u>	<u>1514</u>	<u>6.5</u>	<u>90.3</u>	<u>6016</u>
<u>15:35</u>	<u>275</u>	<u>6.75</u>	<u>1511</u>	<u>17.2</u>	<u>1338</u>	<u>6.6</u>	<u>93.3</u>	<u>6016</u>
<u>15:40</u>	<u>275</u>	<u>6.71</u>	<u>1502</u>	<u>17.2</u>	<u>1206</u>	<u>6.7</u>	<u>94.8</u>	<u>6016</u>
<u>15:45</u>	<u>275</u>	<u>6.69</u>	<u>1494</u>	<u>17.2</u>	<u>1131</u>	<u>6.9</u>	<u>96.1</u>	<u>6016</u>

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

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
<u>12/07/23</u>	<u>6.69</u>	<u>1494</u>	<u>17.2</u>	<u>1131</u>	<u>6.9</u>	<u>96.1</u>	

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

Sample Appearance: Clear Odor: NONE Color: Clear Other: \_\_\_\_\_  
Weather Conditions (required daily, or as conditions change): \_\_\_\_\_ Direction/Speed: \_\_\_\_\_ Outlook: \_\_\_\_\_ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): \_\_\_\_\_  
FIELD COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):  
12/7/23 C. Fincher \_\_\_\_\_  
Date Name Signature Company

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

ORIGINAL COPY

# FIELD INFORMATION FORM



Site Name: EVLP

**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: \_\_\_\_\_

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

**PURGE INFO**

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLS PURGED
120623	1615	1			

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

**PURGE/SAMPLE EQUIPMENT**

Purging and Sampling Equipment ... Dedicated:  or  Filter Device:  or  0.45 μ or \_\_\_\_\_ μ (circle or fill in)

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

**WELL DATA**

Well Elevation (at TOC) \_\_\_\_\_ (ft/msl) Depth to Water (DTW) (from TOC) 67.85 (ft) Groundwater Elevation (site datum, from TOC) \_\_\_\_\_ (ft/msl)

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

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

**STABILIZATION DATA (Optional)**

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
16:20	250 1 <sup>st</sup>	6.52	751	15.7	29	5.5	84.6	68.8
16:25	250 2 <sup>nd</sup>	6.59	702	16.2	27	5.5	84.4	68.5
16:30	250 3 <sup>rd</sup>	6.64	709	16.4	26	5.6	84.7	68.5
16:35	250 4 <sup>th</sup>	6.65	738	16.4	28	5.6	85.3	68.5

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

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

**FIELD DATA**

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____
120623	6.65	738	16.4	28	5.6	85.3	

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

Sample Appearance: Clear Odor: NONE Color: Clear Other: \_\_\_\_\_  
 Weather Conditions (required daily, or as conditions change): \_\_\_\_\_ Direction/Speed: \_\_\_\_\_ Outlook: \_\_\_\_\_ Precipitation: Y or N  
 Specific Comments (including purge/well volume calculations if required): \_\_\_\_\_

**FIELD COMMENTS**

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

12, 6, 23      C. Knecht      [Signature]      [Signature]

Date      Name      Signature      Company

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



**Eco-Vista (Tontitown)LF**

Sample Delivery Group: L1686474  
Samples Received: 12/09/2023  
Project Number: 300  
Description: Eco-Vista-GW-Feb, Mar, May, Jun, Aug, Sep, Nov, Dec  
Site: AR03  
Report To: Jodi Reynolds  
88 Joyce Lane  
Russellville, AR 72801

Entire Report Reviewed By:



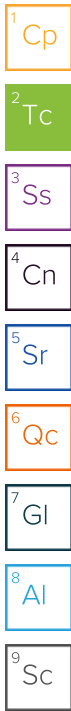
Stacy Kennedy  
Project Manager

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

**Pace Analytical National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [www.pacenational.com](http://www.pacenational.com)

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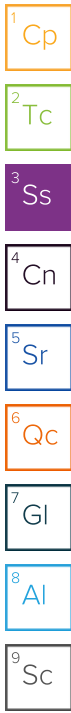


# SAMPLE SUMMARY

## LCS-1 L1686474-01 GW

Collected by CF      Collected date/time 12/08/23 09:08      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	500	12/15/23 11:55	12/15/23 11:55	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	10	12/23/23 00:45	12/23/23 00:45	GEB	Mt. Juliet, TN



## LCS-2 L1686474-02 GW

Collected by CF      Collected date/time 12/08/23 09:30      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	500	12/15/23 11:57	12/15/23 11:57	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	20	12/23/23 01:23	12/23/23 01:23	GEB	Mt. Juliet, TN

## LCS-3 L1686474-03 GW

Collected by CF      Collected date/time 12/08/23 10:00      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	500	12/15/23 11:58	12/15/23 11:58	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	10	12/23/23 01:32	12/23/23 01:32	GEB	Mt. Juliet, TN

## LCS-4 L1686474-04 GW

Collected by CF      Collected date/time 12/08/23 10:30      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	500	12/15/23 12:00	12/15/23 12:00	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	10	12/23/23 01:42	12/23/23 01:42	GEB	Mt. Juliet, TN

## LCS-5 L1686474-05 GW

Collected by CF      Collected date/time 12/08/23 11:00      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	500	12/15/23 12:01	12/15/23 12:01	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	100	12/23/23 01:51	12/23/23 01:51	GEB	Mt. Juliet, TN

## LCS-6 L1686474-06 GW

Collected by CF      Collected date/time 12/08/23 11:30      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	500	12/15/23 12:03	12/15/23 12:03	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	10	12/23/23 02:20	12/23/23 02:20	GEB	Mt. Juliet, TN

## LCS-7 L1686474-07 GW

Collected by CF      Collected date/time 12/08/23 12:00      Received date/time 12/09/23 09:00

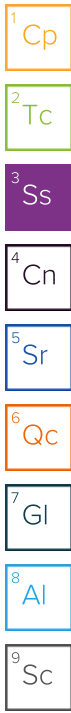
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	500	12/15/23 12:04	12/15/23 12:04	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	10	12/23/23 02:30	12/23/23 02:30	GEB	Mt. Juliet, TN

# SAMPLE SUMMARY

## LCS-8 L1686474-08 GW

Collected by CF      Collected date/time 12/08/23 12:30      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	200	12/15/23 12:06	12/15/23 12:06	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	10	12/23/23 02:39	12/23/23 02:39	GEB	Mt. Juliet, TN



## LCS-9 L1686474-09 GW

Collected by CF      Collected date/time 12/08/23 13:00      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	200	12/15/23 12:12	12/15/23 12:12	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	10	12/23/23 02:49	12/23/23 02:49	GEB	Mt. Juliet, TN

## LCS-10 L1686474-10 GW

Collected by CF      Collected date/time 12/08/23 13:30      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	200	12/15/23 12:13	12/15/23 12:13	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	20	12/23/23 02:58	12/23/23 02:58	GEB	Mt. Juliet, TN

## LCS-11 L1686474-11 GW

Collected by CF      Collected date/time 12/08/23 14:00      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	500	12/15/23 12:15	12/15/23 12:15	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	100	12/23/23 03:08	12/23/23 03:08	GEB	Mt. Juliet, TN

## LCS-12 L1686474-12 GW

Collected by CF      Collected date/time 12/08/23 14:30      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	200	12/15/23 12:16	12/15/23 12:16	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	20	12/23/23 03:17	12/23/23 03:17	GEB	Mt. Juliet, TN

## LDS-1 L1686474-13 GW

Collected by CF      Collected date/time 12/08/23 09:15      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	5	12/15/23 12:18	12/15/23 12:18	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	5	12/23/23 03:27	12/23/23 03:27	GEB	Mt. Juliet, TN

## LDS-2 L1686474-14 GW

Collected by CF      Collected date/time 12/08/23 09:45      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	5	12/15/23 12:24	12/15/23 12:24	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	5	12/23/23 03:36	12/23/23 03:36	GEB	Mt. Juliet, TN



# SAMPLE SUMMARY

## LDS-3 L1686474-15 GW

Collected by CF      Collected date/time 12/08/23 10:15      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	100	12/15/23 12:33	12/15/23 12:33	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	20	12/23/23 03:46	12/23/23 03:46	GEB	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

## LDS-4 L1686474-16 GW

Collected by CF      Collected date/time 12/08/23 10:45      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	200	12/15/23 12:34	12/15/23 12:34	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	10	12/23/23 04:14	12/23/23 04:14	GEB	Mt. Juliet, TN

4 Cn

5 Sr

6 Qc

## LDS-5 L1686474-17 GW

Collected by CF      Collected date/time 12/08/23 11:15      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	500	12/15/23 12:36	12/15/23 12:36	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	10	12/23/23 04:24	12/23/23 04:24	GEB	Mt. Juliet, TN

7 Gl

8 Al

9 Sc

## LDS-6 L1686474-18 GW

Collected by CF      Collected date/time 12/08/23 11:45      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	50	12/15/23 12:37	12/15/23 12:37	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	10	12/23/23 04:33	12/23/23 04:33	GEB	Mt. Juliet, TN

## LDS-7 L1686474-19 GW

Collected by CF      Collected date/time 12/08/23 12:15      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	200	12/15/23 12:39	12/15/23 12:39	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	5	12/23/23 04:43	12/23/23 04:43	GEB	Mt. Juliet, TN

## LDS-8 L1686474-20 GW

Collected by CF      Collected date/time 12/08/23 12:45      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2189218	100	12/15/23 12:40	12/15/23 12:40	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192874	10	12/23/23 04:52	12/23/23 04:52	GEB	Mt. Juliet, TN

## LDS-9 L1686474-21 GW

Collected by CF      Collected date/time 12/08/23 13:15      Received date/time 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186907	20	12/14/23 12:49	12/14/23 12:49	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192875	1	12/21/23 04:26	12/21/23 04:26	GEB	Mt. Juliet, TN

# SAMPLE SUMMARY

## LDS-10 L1686474-22 GW

Collected by: CF  
 Collected date/time: 12/08/23 13:45  
 Received date/time: 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186907	200	12/14/23 12:51	12/14/23 12:51	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192875	10	12/21/23 04:36	12/21/23 04:36	GEB	Mt. Juliet, TN

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

## LDS-11 L1686474-23 GW

Collected by: CF  
 Collected date/time: 12/08/23 14:15  
 Received date/time: 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186907	500	12/14/23 12:52	12/14/23 12:52	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192875	100	12/21/23 04:45	12/21/23 04:45	GEB	Mt. Juliet, TN

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

## LDS-12 L1686474-24 GW

Collected by: CF  
 Collected date/time: 12/08/23 14:45  
 Received date/time: 12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2186907	100	12/14/23 12:58	12/14/23 12:58	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2192875	10	12/21/23 04:55	12/21/23 04:55	GEB	Mt. Juliet, TN

<sup>7</sup>Gl

<sup>8</sup>Al

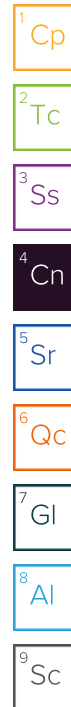
<sup>9</sup>Sc

# CASE NARRATIVE

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



Stacy Kennedy  
Project Manager



## Project Comments

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

## Sample Delivery Group (SDG) Narrative

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

Batch	Method	Lab Sample ID
WG2186907	350.1	L1686474-22, 23, 24
WG2189218	350.1	L1686474-01, 02, 03, 04, 05, 06, 07, 09, 10, 11, 12, 15, 16, 17

## Wet Chemistry by Method 9056A

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

Batch	Lab Sample ID	Analytes
WG2192874	(MS) R4016237-4, (MS) R4016237-7, (MSD) R4016237-5, L1686474-01, 20	Chloride

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

Batch	Lab Sample ID	Analytes
WG2192875	(MS) R4015302-7	Chloride

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

Analyte	Result	Units
pH (On Site)	7.75	su
Specific Conductance (on site)	7044	umhos/cm
Temperature (on-site)	17.6	Deg. C
Turbidity (on-site)	98.43	NTU
Dissolved Oxygen (on-site)	5.71	mg/l
eH/ORP ( On Site )	-225.4	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	2000		15.8	500	12/15/2023 11:55	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1780	<u>V</u>	3.00	10	12/23/2023 00:45	<a href="#">WG2192874</a>

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)	8690	umhos/cm
Temperature (on-site)	14	Deg. C
Turbidity (on-site)	168.2	NTU
Dissolved Oxygen (on-site)	3.98	mg/l
eH/ORP ( On Site )	-181.7	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1270		15.8	500	12/15/2023 11:57	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1860		3.00	20	12/23/2023 01:23	<a href="#">WG2192874</a>

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

Analyte	Result	Units
pH (On Site)	7.47	su
Specific Conductance (on site)	8387	umhos/cm
Temperature (on-site)	14.2	Deg. C
Turbidity (on-site)	21.03	NTU
Dissolved Oxygen (on-site)	7.69	mg/l
eH/ORP ( On Site )	-140.9	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
Ammonia Nitrogen	1180		15.8	500	12/15/2023 11:58	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
Chloride	1380		3.00	10	12/23/2023 01:32	<a href="#">WG2192874</a>

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

Analyte	Result	Units
pH (On Site)	7.35	su
Specific Conductance (on site)	13410	umhos/cm
Temperature (on-site)	24.4	Deg. C
Turbidity (on-site)	74.12	NTU
Dissolved Oxygen (on-site)	1.91	mg/l
eH/ORP ( On Site )	-199.7	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	956		15.8	500	12/15/2023 12:00	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1060		3.00	10	12/23/2023 01:42	<a href="#">WG2192874</a>

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

Analyte	Result	Units
pH (On Site)	7.87	su
Specific Conductance (on site)	18711	umhos/cm
Temperature (on-site)	23.6	Deg. C
Turbidity (on-site)	482.71	NTU
Dissolved Oxygen (on-site)	1.83	mg/l
eH/ORP ( On Site )	-264.2	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	2940		15.8	500	12/15/2023 12:01	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	2600		5.19	100	12/23/2023 01:51	<a href="#">WG2192874</a>



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

Analyte	Result	Units
pH (On Site)	7.27	su
Specific Conductance (on site)	12449	umhos/cm
Temperature (on-site)	16.4	Deg. C
Turbidity (on-site)	46.38	NTU
Dissolved Oxygen (on-site)	4.37	mg/l
eH/ORP ( On Site )	-95.9	mV

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	927		15.8	500	12/15/2023 12:03	<a href="#">WG2189218</a>

5 Sr

6 Qc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1210		3.00	10	12/23/2023 02:20	<a href="#">WG2192874</a>

7 Gl

8 Al

9 Sc

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

Analyte	Result	Units
pH (On Site)	7.37	su
Specific Conductance (on site)	17624	umhos/cm
Temperature (on-site)	26.2	Deg. C
Turbidity (on-site)	88.09	NTU
Dissolved Oxygen (on-site)	3.81	mg/l
eH/ORP ( On Site )	-163.5	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1370		15.8	500	12/15/2023 12:04	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1740		3.00	10	12/23/2023 02:30	<a href="#">WG2192874</a>

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)	12232	umhos/cm
Temperature (on-site)	23.6	Deg. C
Turbidity (on-site)	26.23	NTU
Dissolved Oxygen (on-site)	5.24	mg/l
eH/ORP ( On Site )	-47.4	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	786		6.34	200	12/15/2023 12:06	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1050		3.00	10	12/23/2023 02:39	<a href="#">WG2192874</a>

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

Analyte	Result	Units
pH (On Site)	7.53	su
Specific Conductance (on site)	18719	umhos/cm
Temperature (on-site)	29.4	Deg. C
Turbidity (on-site)	27.43	NTU
Dissolved Oxygen (on-site)	3.41	mg/l
eH/ORP ( On Site )	7.4	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1320		6.34	200	12/15/2023 12:12	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1710		3.00	10	12/23/2023 02:49	<a href="#">WG2192874</a>

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)	24170	umhos/cm
Temperature (on-site)	28.7	Deg. C
Turbidity (on-site)	53.25	NTU
Dissolved Oxygen (on-site)	1.1	mg/l
eH/ORP ( On Site )	-223	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
Ammonia Nitrogen	1950		6.34	200	12/15/2023 12:13	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
Chloride	2280		3.00	20	12/23/2023 02:58	<a href="#">WG2192874</a>

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

Analyte	Result	Units
pH (On Site)	7.96	su
Specific Conductance (on site)	25155	umhos/cm
Temperature (on-site)	28	Deg. C
Turbidity (on-site)	447.12	NTU
Dissolved Oxygen (on-site)	3.86	mg/l
eH/ORP ( On Site )	-131	mV

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	2820		15.8	500	12/15/2023 12:15	<a href="#">WG2189218</a>

5 Sr

6 Qc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	2630		5.19	100	12/23/2023 03:08	<a href="#">WG2192874</a>

7 Gl

8 Al

9 Sc

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

Analyte	Result	Units
pH (On Site)	7.54	su
Specific Conductance (on site)	28091	umhos/cm
Temperature (on-site)	30.4	Deg. C
Turbidity (on-site)	46.4	NTU
Dissolved Oxygen (on-site)	2.45	mg/l
eH/ORP ( On Site )	-167.1	mV

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1950		6.34	200	12/15/2023 12:16	<a href="#">WG2189218</a>

5 Sr

6 Qc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	2150		3.00	20	12/23/2023 03:17	<a href="#">WG2192874</a>

7 Gl

8 Al

9 Sc

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

Analyte	Result	Units
pH (On Site)	6.68	su
Specific Conductance (on site)	5439	umhos/cm
Temperature (on-site)	16.7	Deg. C
Turbidity (on-site)	18.14	NTU
Dissolved Oxygen (on-site)	5.09	mg/l
eH/ORP ( On Site )	-154	mV

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	17.8		0.158	5	12/15/2023 12:18	<a href="#">WG2189218</a>

5 Sr

6 Qc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	343		3.00	5	12/23/2023 03:27	<a href="#">WG2192874</a>

7 Gl

8 Al

9 Sc



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

Analyte	Result	Units
pH (On Site)	6.73	su
Specific Conductance (on site)	4015	umhos/cm
Temperature (on-site)	16.2	Deg. C
Turbidity (on-site)	2.64	NTU
Dissolved Oxygen (on-site)	5.61	mg/l
eH/ORP ( On Site )	-133.4	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	8.40		0.158	5	12/15/2023 12:24	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	360		3.00	5	12/23/2023 03:36	<a href="#">WG2192874</a>

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

Analyte	Result	Units
pH (On Site)	7.37	su
Specific Conductance (on site)	12020	umhos/cm
Temperature (on-site)	14.1	Deg. C
Turbidity (on-site)	14.38	NTU
Dissolved Oxygen (on-site)	3.53	mg/l
eH/ORP ( On Site )	-178.7	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	192		3.17	100	12/15/2023 12:33	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1890		3.00	20	12/23/2023 03:46	<a href="#">WG2192874</a>

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

Analyte	Result	Units
pH (On Site)	7.38	su
Specific Conductance (on site)	14340	umhos/cm
Temperature (on-site)	21.7	Deg. C
Turbidity (on-site)	15.47	NTU
Dissolved Oxygen (on-site)	2.87	mg/l
eH/ORP ( On Site )	-209.3	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1430		6.34	200	12/15/2023 12:34	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1670		3.00	10	12/23/2023 04:14	<a href="#">WG2192874</a>

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

Analyte	Result	Units
pH (On Site)	7.3	su
Specific Conductance (on site)	9711	umhos/cm
Temperature (on-site)	20.1	Deg. C
Turbidity (on-site)	6.57	NTU
Dissolved Oxygen (on-site)	4.28	mg/l
eH/ORP ( On Site )	-141.5	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	302		15.8	500	12/15/2023 12:36	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	795		3.00	10	12/23/2023 04:24	<a href="#">WG2192874</a>

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

Analyte	Result	Units
pH (On Site)	7.6	su
Specific Conductance (on site)	12193	umhos/cm
Temperature (on-site)	19.8	Deg. C
Turbidity (on-site)	2.59	NTU
Dissolved Oxygen (on-site)	3.73	mg/l
eH/ORP ( On Site )	-132.5	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	184		1.58	50	12/15/2023 12:37	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1380		3.00	10	12/23/2023 04:33	<a href="#">WG2192874</a>

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

Analyte	Result	Units
pH (On Site)	7.35	su
Specific Conductance (on site)	6697	umhos/cm
Temperature (on-site)	18.5	Deg. C
Turbidity (on-site)	7.48	NTU
Dissolved Oxygen (on-site)	5.54	mg/l
eH/ORP ( On Site )	-127.6	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	93.6		6.34	200	12/15/2023 12:39	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	289		3.00	5	12/23/2023 04:43	<a href="#">WG2192874</a>

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)	13556	umhos/cm
Temperature (on-site)	24.6	Deg. C
Turbidity (on-site)	8.38	NTU
Dissolved Oxygen (on-site)	3.71	mg/l
eH/ORP ( On Site )	-66.1	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	714		3.17	100	12/15/2023 12:40	<a href="#">WG2189218</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	990	<u>V</u>	3.00	10	12/23/2023 04:52	<a href="#">WG2192874</a>

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

Analyte	Result	Units
pH (On Site)	6.22	su
Specific Conductance (on site)	2981	umhos/cm
Temperature (on-site)	24.4	Deg. C
Turbidity (on-site)	3.03	NTU
Dissolved Oxygen (on-site)	4.1	mg/l
eH/ORP ( On Site )	-110	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	12.7		0.634	20	12/14/2023 12:49	<a href="#">WG2186907</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	89.7		3.00	1	12/21/2023 04:26	<a href="#">WG2192875</a>



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

Analyte	Result	Units
pH (On Site)	7.09	su
Specific Conductance (on site)	16351	umhos/cm
Temperature (on-site)	25.9	Deg. C
Turbidity (on-site)	13.79	NTU
Dissolved Oxygen (on-site)	1.79	mg/l
eH/ORP ( On Site )	-194	mV

1 Cp

2 Tc

3 Ss

4 Cn

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
Ammonia Nitrogen	746		6.34	200	12/14/2023 12:51	<a href="#">WG2186907</a>

5 Sr

6 Qc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
Chloride	1140		3.00	10	12/21/2023 04:36	<a href="#">WG2192875</a>

7 Gl

8 Al

9 Sc

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)	31049	umhos/cm
Temperature (on-site)	26.1	Deg. C
Turbidity (on-site)	78.87	NTU
Dissolved Oxygen (on-site)	1.74	mg/l
eH/ORP ( On Site )	-216.7	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1790		15.8	500	12/14/2023 12:52	<a href="#">WG2186907</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	2690		5.19	100	12/21/2023 04:45	<a href="#">WG2192875</a>

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

Analyte	Result	Units
pH (On Site)	7.3	su
Specific Conductance (on site)	25555	umhos/cm
Temperature (on-site)	27.3	Deg. C
Turbidity (on-site)	177.7	NTU
Dissolved Oxygen (on-site)	2.6	mg/l
eH/ORP ( On Site )	-178.7	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	920		3.17	100	12/14/2023 12:58	<a href="#">WG2186907</a>

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1610		3.00	10	12/21/2023 04:55	<a href="#">WG2192875</a>

Method Blank (MB)

(MB) R4012627-1 12/14/23 12:14

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1686325-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1686325-02 12/14/23 12:42 • (DUP) R4012627-3 12/14/23 12:43

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

L1686946-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1686946-05 12/14/23 13:03 • (DUP) R4012627-6 12/14/23 13:04

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

Laboratory Control Sample (LCS)

(LCS) R4012627-2 12/14/23 12:15

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Ammonia Nitrogen	7.50	7.40	98.7	90.0-110	

L1686325-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1686325-02 12/14/23 12:42 • (MS) R4012627-4 12/14/23 12:45 • (MSD) R4012627-5 12/14/23 12:46

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Ammonia Nitrogen	5.00	ND	5.06	5.06	101	101	1	90.0-110			0.0988	10

L1686946-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1686946-05 12/14/23 13:03 • (MS) R4012627-7 12/14/23 13:06

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Ammonia Nitrogen	5.00	ND	5.27	105	1	90.0-110	

Method Blank (MB)

(MB) R4013127-1 12/15/23 11:47

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1686474-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1686474-13 12/15/23 12:18 • (DUP) R4013127-3 12/15/23 12:19

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	17.8	17.6	5	1.25		10

L1686474-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1686474-14 12/15/23 12:24 • (DUP) R4013127-6 12/15/23 12:25

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	8.40	8.62	5	2.61		10

Laboratory Control Sample (LCS)

(LCS) R4013127-2 12/15/23 11:48

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Ammonia Nitrogen	7.50	7.38	98.4	90.0-110	

L1686474-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1686474-13 12/15/23 12:18 • (MS) R4013127-4 12/15/23 12:21 • (MSD) R4013127-5 12/15/23 12:22

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Ammonia Nitrogen	25.0	17.8	41.2	41.7	93.4	95.5	5	90.0-110			1.27	10

L1686474-14 Original Sample (OS) • Matrix Spike (MS)

(OS) L1686474-14 12/15/23 12:24 • (MS) R4013127-7 12/15/23 12:31

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Ammonia Nitrogen	25.0	8.40	33.4	100	5	90.0-110	

Method Blank (MB)

(MB) R4016237-1 12/23/23 00:26

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1686474-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1686474-01 12/23/23 00:45 • (DUP) R4016237-3 12/23/23 00:54

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	1780	1720	10	3.54		15

L1686474-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1686474-20 12/23/23 04:52 • (DUP) R4016237-6 12/23/23 05:02

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	990	959	10	3.15		15

Laboratory Control Sample (LCS)

(LCS) R4016237-2 12/23/23 00:35

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	40.9	102	80.0-120	

L1686474-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1686474-01 12/23/23 00:45 • (MS) R4016237-4 12/23/23 01:04 • (MSD) R4016237-5 12/23/23 01:13

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	40.0	1780	1430	1430	0.000	0.000	10	80.0-120	√	√	0.380	15

Sample Narrative:

MS: [spike failed due to high CL hit in parent]

MSD: [spike failed due to high CL hit in parent]

L1686474-20 Original Sample (OS) • Matrix Spike (MS)

(OS) L1686474-20 12/23/23 04:52 • (MS) R4016237-7 12/23/23 05:11

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	990	824	0.000	10	80.0-120	<u>V</u>

Sample Narrative:

MS: [spike failed due to high CL hit in parent]

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4015302-1 12/21/23 04:07

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Chloride	0.0524		0.0519	1.00

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1686494-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1686494-09 12/21/23 06:39 • (DUP) R4015302-3 12/21/23 06:49

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	17.2	17.2	1	0.00291		15

L1686573-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1686573-03 12/21/23 08:34 • (DUP) R4015302-6 12/21/23 08:43

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	99.3	99.2	1	0.145		15

Laboratory Control Sample (LCS)

(LCS) R4015302-2 12/21/23 04:17

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

L1686494-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1686494-09 12/21/23 06:39 • (MS) R4015302-4 12/21/23 06:58 • (MSD) R4015302-5 12/21/23 07:08

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	40.0	17.2	54.4	54.0	92.9	92.1	1	80.0-120			0.606	15

L1686573-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1686573-03 12/21/23 08:34 • (MS) R4015302-7 12/21/23 08:53

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Chloride	40.0	99.3	120	50.7	1	80.0-120	J6



L1686573-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1686573-03 12/21/23 08:34 • (MS) R4015302-7 12/21/23 08:53

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
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Sample Narrative:

MS: Spike failure due to matrix interference

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

# 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.

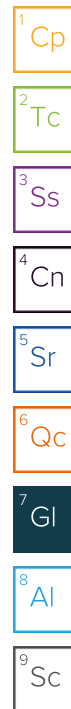
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location.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

Qualifier	Description
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

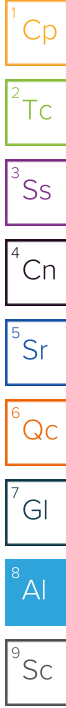
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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 <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	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 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.



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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)

Quote #

\_\_\_ Same Day \_\_\_ Five Day  
\_\_\_ Next Day \_\_\_ 5 Day (Rad Only)  
\_\_\_ Two Day \_\_\_ 10 Day (Rad Only)  
\_\_\_ Three Day

Date Results Needed

Immediately  
Packed on Ice N \_\_\_ Y X

No. of  
Cnts

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cnts
LCS-1	Grab	GW	N/A	11.8.23	0900	2
LCS-2		GW			0930	2
LCS-3		GW			1000	2
LCS-4		GW			1030	2
LCS-5		GW			1100	2
LCS-6		GW			1130	2
LCS-7		GW			1200	2
LCS-8		GW			1230	2
LCS-9		GW			1300	2
LCS-10		GW			1330	2

CHLORIDE 125mIHDP-NOPres

NH3 250mIHDP-H2SO4

Collection date is 12/8/23 per C.Fincher. SK 12/18/23



**MT JULIET, TN**

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

SDG # **L1686474**  
**D018**

Acctnum: **WMECOVISAR**

Template: **T161046**

Prelogin: **P1038071**

PM: **616 - Stacy Kennedy**

PB: *08/11/23*

Shipped Via: **FedEx Ground**

Remarks | Sample # (lab only)

	- 01
	- 02
	- 03
	- 04
	- 05
	- 06
	- 07
	- 08
	- 09
	- 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 \_\_\_\_\_

**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
<b>If Applicable</b>			
VOA Zero Headspace:		Y	N
Preservation Correct/Checked:		Y	N
RAD Screen <0.5 mR/hr:		Y	N

Samples returned via:  
\_\_\_ UPS \_\_\_ FedEx \_\_\_ Courier

Tracking # **6643 4818 2733**

Relinquished by: (Signature)  
*[Signature]*

Date: **12.8.23**  
Time: **1530**

Received by: (Signature)

Trip Blank Received: Yes / No  
HCL / MeOH  
TBR

Relinquished by: (Signature)

Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Received by: (Signature)

Temp: **COA8C**  
**3.510 = 35.48**

Bottles Received: \_\_\_\_\_  
If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Received for lab by: (Signature)  
*Alena Mitchell*

Date: **12/9/23**  
Time: **0900**

Hold: \_\_\_\_\_  
Condition: NCF / OK

Company Name/Address:

**Eco-Vista (Tontitown)LF**

88 Joyce Lane  
Russellville, AR 72801

Billing information:

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

Pres  
Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 1



**MT JULIET, TN**

12065 Lebanon Rd Mount Juliet, TN 37122  
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Report to:  
**Jodi Reynolds**

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

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

City/State  
Collected:

Please Circle:  
PT MT CT ET

Phone: **501-993-8966**

Client Project #  
**300**

Lab Project #  
**WMECOVISAR-00005**

Collected by (print):  
*Christy Finley*

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   

CHLORIDE 125mlHDPE-NoPres

NH3 250mlHDPE-H2SO4

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs												
LCS-11	Grab	GW	N/A	11.8.23	1400	2	X	X										
LCS-12		GW			1430	2	X	X										
LDS-1		GW			0915	2	X	X										
LDS-2		GW			0945	2	X	X										
LDS-3		GW			1015	2	X	X										
LDS-4		GW			1045	2	X	X										
LDS-5		GW			1115	2	X	X										
LDS-6		GW			1145	2	X	X										
LDS-7		GW			1215	2	X	X										
LDS-8		GW			1245	2	X	X										

SDG # **L1686474**  
 Table #  
 Acctnum: **WMECOVISAR**  
 Template: **T161046**  
 Prelogin: **P1038071**  
 PM: **616 - Stacy Kennedy**  
 PB: *[Signature]*  
 Shipped Via: **FedEX Ground**  
 Remarks | Sample # (lab only)

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

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

pH \_\_\_\_\_ Temp \_\_\_\_\_  
 Flow \_\_\_\_\_ Other \_\_\_\_\_

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

Samples returned via:  
 UPS  FedEx  Courier

Tracking # **66643 4318 2733**

Relinquished by: (Signature) <i>[Signature]</i>	Date: 12/23	Time: 1530	Received by: (Signature)	Trip Blank Received: Yes/No HCL/MeOH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: <b>COAGC</b> Bottles Received: <b>3.570-3.5 48</b>
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>Albera Mitchell</i>	Date: <b>12/19/23</b> Time: <b>0900</b> Hold: Condition: NCF / OK

**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):  
*[Signature]*

**Rush?** (Lab MUST Be Notified)

Quote #

- Same Day  Five Day
- Next Day  5 Day (Rad Only)
- Two Day  10 Day (Rad Only)
- Three Day

Date Results Needed

Immediately  
Packed on Ice N  Y

No.  
of  
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

LDS-9	Grab	GW	N/A	12.8.23	1315	2
LDS-10	↓	GW	↓	↓	1345	2
LDS-11	↓	GW	↓	↓	1415	2
LDS-12	↓	GW	↓	↓	1445	2
LGW-2		GW				2
LGW-3R		GW				2
LGW-4		GW				2
LGW-5		GW				2
LGW-6		GW				2
LGW-7		GW				2

CHLORIDE 125mlHDPE-NoPres

NH3 250mlHDPE-H2SO4

Analysis / Container / Preservative



**MT JULIET, TN**

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

SDG # **L1686474**  
Table #  
Acctnum: **WMECOVISAR**  
Template: **T161046**  
Prelogin: **P1038071**  
PM: **616 - Stacy Kennedy**  
PB:  
Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

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

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

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

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

Samples returned via:  
 UPS  FedEx  Courier

Tracking # **66643 4318 2733**

Relinquished by: (Signature)  
*[Signature]*

Date: **12.8.23**  
Time: **1530**

Received by: (Signature)  
*[Signature]*

Trip Blank Received: Yes/No  
HCL/MeoH  
TBR

Relinquished by: (Signature)

Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Received by: (Signature)

Temp: **COAC**  
**35+0=35.48**  
Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Received for lab by: (Signature)  
*Alexa Mitchell*

Date: **12/9/23**  
Time: **0900**

Hold: \_\_\_\_\_  
Condition: NCF / OK



































# FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Site Name: ELVE  
 Sample I.D.: LOS-4

Laboratory Use Only / Lab I.D.:  
L1686474

Purge and Sample Equipment:

## Sampling Method & Equipment

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

Sampling Equipment:  S  
 D - Dipper  
 T - Transfer Vessel

Sample Type:  Grab / Composite (circle one)

S - Sample Bottle  
 O - Other

Sample Date  
 MM/DD/YYYY

Sample Time  
 24 Hr. Clock

pH  
 (std. Units)

## Field Measurements

CONDUCTIVITY  
 (umhos/cm @  
 25°C)

Temp  
 °C

TURBIDITY  
 (NTUs)

DO  
 mg/L -  
 ppm

eH/ORP  
 (std. Units)

Record final stabilized field readings.  
12/08/2023 1045 7.38 14340 21.7 15.47 2.87 -209.3

Sample Appearance:

Odor: Yes

## Field Observations

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: 12/8/23  
 Name: C. Finley  
 Signature: [Signature]  
 Company: [Signature]

















