Florence Copper LLC
1575 W. Hunt Highway
Florence AZ USA 85132
florencecopper.com

October 31, 2025

Arizona Department of Environmental Quality
Water Quality Division, Groundwater Protection
1110 West Washington Street
Phoenix, Arizona 85007

Attention: Bret Esslin, ADEQ UIC Permit Specialist

Subject: Third Quarter 2025 Monitoring Report
Underground Injection Control (UIC) Permit No. R9UIC-AZ3-FY19-1

Dear Mr. Esslin:

Florence Copper LLC (Florence Copper) is submitting this report in accordance with Section II.G.2 of UIC Permit No. R9UIC-AZ3-FY19-1, dated October 10, 2025, for the Florence Copper Project. The U.S. Environmental Protection Agency (USEPA) transferred UIC primacy to Arizona Department of Environmental Quality (ADEQ) on October 15, 2025, when they assumed responsibility for the implementation and oversight of the Permit. Per USEPA letter dated October 14, 2025, future communications should be directed to ADEQ.

Background Information

Florence Copper was authorized to construct and operate a pilot scale in-situ copper recovery (ISCR) facility referred to as the Production Test Facility (PTF) under a previous UIC permit. The PTF is now incorporated into UIC Permit No. R9UIC-AZ3-FY19-1. The authorized facilities and monitoring wells are identified on Figure 1. The configuration of the PTF wellfield, the only active ISCR wellfield at the site, is shown on Figure 2.

Florence Copper received authorization to proceed with PTF operations on July 13, 2017. The PTF wellfield was completed and began operation on December 15, 2018. Sulfuric acid addition to the raffinate discontinued at the PTF on June 26, 2020. Solutions from the wellfield continued to be processed through the Solvent Extraction/Electrowinning (SX/EW) plant to produce copper for about one year. A rinsing demonstration report was submitted to USEPA on July 18, 2025, and was approved October 3, 2025. No injection or recovery took place in third quarter (Q3) 2025.

The requirements for quarterly reporting of monitoring activities are outlined in Section II.G.2 of the UIC Permit.

ISCR Operations and Monitoring Quarterly Reporting

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.a – Map of Operational Status and Groundwater Contours**
  The quarterly groundwater contour maps are included as Attachment 1. As described in the rinsing demonstration report, recovery was paused on May 21, 2025.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.b – Table and Graphs of Injected and Recovered Volumes**
  No injection or recovery took place during the reporting period. When applicable, injected and recovered volumes will be reported in future quarterly compliance reports in Attachment 2.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.c – Table and Graphs of the Well Head Measurements in the PTF**
  Daily average head measurement values for the observation wells, recovery wells, and applicable monitoring wells are provided in tabular and graphical format in Attachment 3. Florence Copper monitors hydraulic gradient in the wellfield using well triplets as defined in UIC Permit Section II.E.1.b. A triplet includes a recovery well, an observation well, and point of compliance (POC) monitoring well. Well locations are shown on Figures 1 and 2.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.d – Table and Graphs of Fluid Electrical Conductivity Measurements**
  No injection or recovery took place during the reporting period. When applicable, fluid electrical conductivity (EC) values will be provided in Attachment 4 of future quarterly compliance reports.

  In accordance with Section II.F.6.b of the UIC Permit, Florence Copper proposed specific conductance alert levels (ALs) on June 20, 2025. The U.S. Environmental Protection Agency (USEPA) approved the proposed ALs on October 3, 2025. Future operational data will be evaluated against the proposed ALs.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.e – Table and Graphs of Monitor Well Water Levels and Analytical Results**
  The Q3 2025 Compliance Monitoring Report is provided in Attachment 5 and presents tabular results of groundwater elevations, analytical results, field parameters, ALs, and aquifer quality limits (AQLs) for monitoring wells required under the UIC Permit. The Compliance Monitoring Report also provides a narrative summary of the Q3 2025 monitoring activities, a discussion of exceedances, and graphical presentation of monitoring results for parameters since the inception of monitoring.

Annular conductivity device (ACD) monitoring for demonstration of mechanical integrity is reported in Attachment 9. Mechanical integrity ACD monitoring was only conducted for wells within the PTF during the monitoring period. ACD monitoring was not conducted at other ISCR wells because operations have not commenced at those wells.

Hydraulic control ACD monitoring will be reported in future quarterly compliance reports in Attachment 10 following facility start up.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.f – Results of Monthly Injectate Organic Analysis**
  No injection took place during the reporting period. When applicable, results of monthly injectate organic analysis will be provided in future quarterly compliance reports in Attachment 6.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.g – Results of Monitoring Required if Injection Fluid is Modified**
  No injection took place during the reporting period. When applicable for future quarterly compliance reports, Florence Copper will provide analytical results of the injection fluid.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.h – Results of Mechanical Integrity Testing**
  No mechanical integrity testing was conducted during the reporting period. Mechanical integrity testing on newly constructed ISCR wells is reported separately in each well completion report. When applicable, future quarterly compliance reports will include mechanical integrity test results in Attachment 7.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.i – Analytical Results for Monthly Treated Water Samples**
  No injection took place during the reporting period. When applicable, future quarterly compliance reports will include monthly treated ISCR wellfield water analytical results in Attachment 8.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.j – Results of ACD Monitoring for Demonstration of Mechanical Integrity**
  The results of the Q3 2025 well bore annular EC monitoring are provided in Attachment 9. In accordance with Section II.G.2.e of the UIC Permit, graphical presentation of ACD monitoring results since the inception of monitoring is provided in Attachment 9. ACD monitoring was only conducted for wells within the PTF during the monitoring period. ACD monitoring was not conducted in other ISCR wells because operations have not yet occurred at those wells.

  Once available, ACD monitoring in injection, recovery, and perimeter wells will be provided in Attachment 9 of future quarterly reports.

Some of the previously observed annular EC measured resistivity values differ from Q3 2025 values in various observation wells. Florence Copper investigated the cause of variability and determined increases and decreases in values are a result of electrical noise associated with changes in the operation of electrical equipment in the wellfield.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.k – Results of ACD Monitoring for Demonstration of Hydraulic Control and Protection of the Lower Basin Fill Unit and the Upper Basin Fill Unit from Vertical ISCR Fluid Movement**
  No ISCR fluids were injected during Q3 2025. Consequently, ACD monitoring of hydraulic control and ISCR fluid movement was not conducted at ISCR wells during the reporting period.

  In accordance with Section II.F.6. of the UIC Permit, Florence Copper submitted ACD interim ALs on September 5, 2025. USEPA approved the ACD interim AL on October 5, 2025. During initial ISCR operations, Florence Copper will perform a demonstration of ACD response to ISCR fluid movement. Future hydraulic control ACD monitoring will be provided in Attachment 10.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.l – Summary of Plugging and Abandonment Activity**
  A total of 25 abandonments (three core holes and 22 wells) were completed during Q3 2025. Abandonment details were provided to USEPA in a letter dated September 8, 2025. When applicable, an abandonment report will be provided in Attachment 11 of future quarterly compliance reports.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.m – Summary of Rinsing and Closure Operations**
  The SX/EW plant ceased copper production on October 29, 2020. PTF wellfield rinsing began in 2020 and continued through Q2 2025. On May 21, 2025, Florence Copper discontinued recovery at the wellfield to enter a rest period to observe the stability of sulfate and metals concentrations. No closure of UIC authorized facilities has been initiated in this monitoring period.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.n – Table of Monthly Casing Annulus and Injection Pressures**
  No injection took place during the reporting period. When applicable, injection pressures will be provided in Attachment 12 of future quarterly compliance reports.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Section II.G.2.o – Resource Block Status Report**
  The status of individual wells within each resource block will differ during future reporting periods (i.e., rinsing, planned, or under construction) depending on ongoing operations. Wells have been constructed in seven resource blocks but are not yet operating. A resource block status summary table and figure are provided in Attachment 13.

- **UIC Permit No. R9UIC-AZ3-FY19-1 Appendix H – Migratory Bird Landings and Mortality**
  Daily inspection of the water impoundments was conducted to record migratory bird landings and to identify any migratory bird mortality. No migratory bird landings or mortalities were observed during the reporting period. When applicable, migratory bird landings and mortalities will be reported in future quarterly compliance reports in Attachment 14.

Please call (520) 374-3984 with any questions regarding the content of this document.

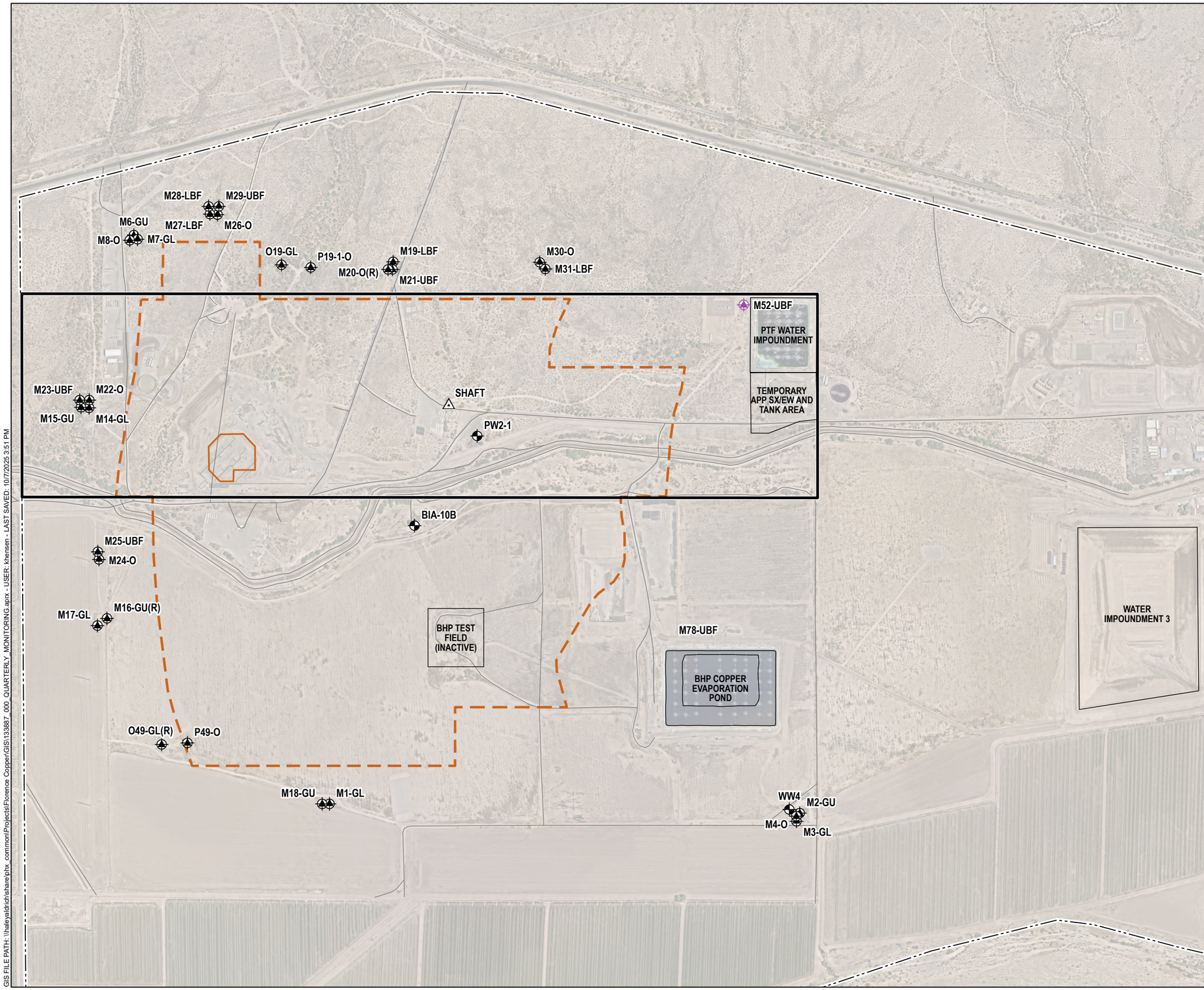
Sincerely,
Florence Copper LLC

John Mays
General Manager

Enclosures:

Figure 1 – Groundwater Monitoring Area
Figure 2 – PTF Wellfield
Attachment 1 – Map of Operational Status and Groundwater Contours
Attachment 2 – Table and Graphs of Injected and Recovered Volumes
(Placeholder - Not Applicable for this Monitoring Period)
Attachment 3 – Table and Graphs of the Well Head Measurements
Attachment 4 – Table and Graphs of Fluid Electrical Conductivity Measurements
(Placeholder - Not Applicable for this Monitoring Period)
Attachment 5 – Table and Graphs of Monitor Well Water Levels and Analytical Results
Attachment 6 – Results of Monthly Injectate Organic Analysis
(Placeholder - Not Applicable for this Monitoring Period)
Attachment 7 – Results of Mechanical Integrity Testing
(Placeholder - Not Applicable for this Monitoring Period)
Attachment 8 – Results for Monthly Treated Water Samples
(Placeholder - Not Applicable for this Monitoring Period)
Attachment 9 – Results of Annular Conductivity Device Monitoring of Mechanical Integrity
Attachment 10 – Results of Annular Conductivity Device Monitoring of Hydraulic Control and ISCR Fluid Movement
(Placeholder – Not Applicable for this Monitoring Period)
Attachment 11 – Summary of Plugging and Abandonment
(Placeholder – Not Applicable for this Monitoring Period)
Attachment 12 – Table of Monthly Casing Annulus and Injection Pressures
(Placeholder – Not Applicable for this Monitoring Period)
Attachment 13 – Resource Block Status Report
Attachment 14 – Migratory Bird Landings
(Placeholder – Not Applicable for this Monitoring Period)

FIGURES



LEGEND

- PRODUCTION WELL
- UIC POINT OF COMPLIANCE (POC) WELL
- APP POC WELL
- SHAFT
- STATE LEASE BOUNDARY
- PRODUCTION TEST FACILITY (PTF) WELL FIELD
- IN-SITU COPPER RECOVERY (ISCR) WELL FIELD
- PROPERTY BOUNDARY

NOTES

1. APP PERMIT NO. P-101704, LTF 109863
2. UIC PERMIT NO: R9UIC-AZ3-FY19-1
3. AERIAL IMAGERY SOURCE: NEARMAP, 28 MAY 2024

N

0 650 1,300
SCALE IN FEET

HALEY ALDRICH

FLORENCE COPPER LLC
FLORENCE, ARIZONA

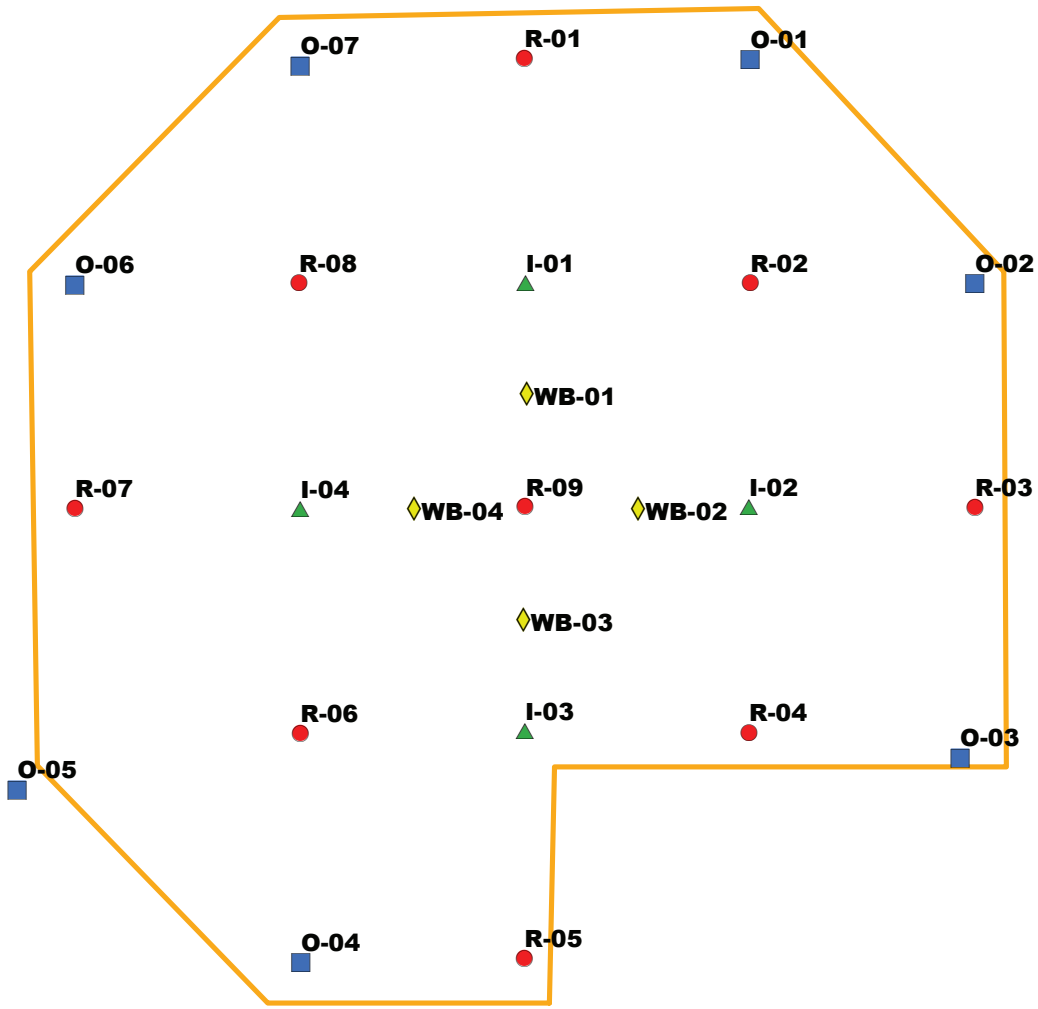
GROUNDWATER MONITORING AREA

Florence Copper

OCTOBER 2025

FIGURE 1

GIS FILE PATH: \\haleyaldrich\share\phx_common\Projects\Florence Copper\GIS\133887_000_QUARTERLY_MONITORING.aprx - USER: khensen - LAST SAVED: 10/7/2025 3:51 PM



LEGEND

- INJECTION WELL
- OBSERVATION WELL
- RECOVERY WELL
- WESTBAY WELL
- PTF WELLFIELD

NOTES

1. ALL LOCATIONS AND DIMENSIONS APPROXIMATE

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

FLORENCE COPPER LLC
FLORENCE ARIZONA

PTF WELLFIELD

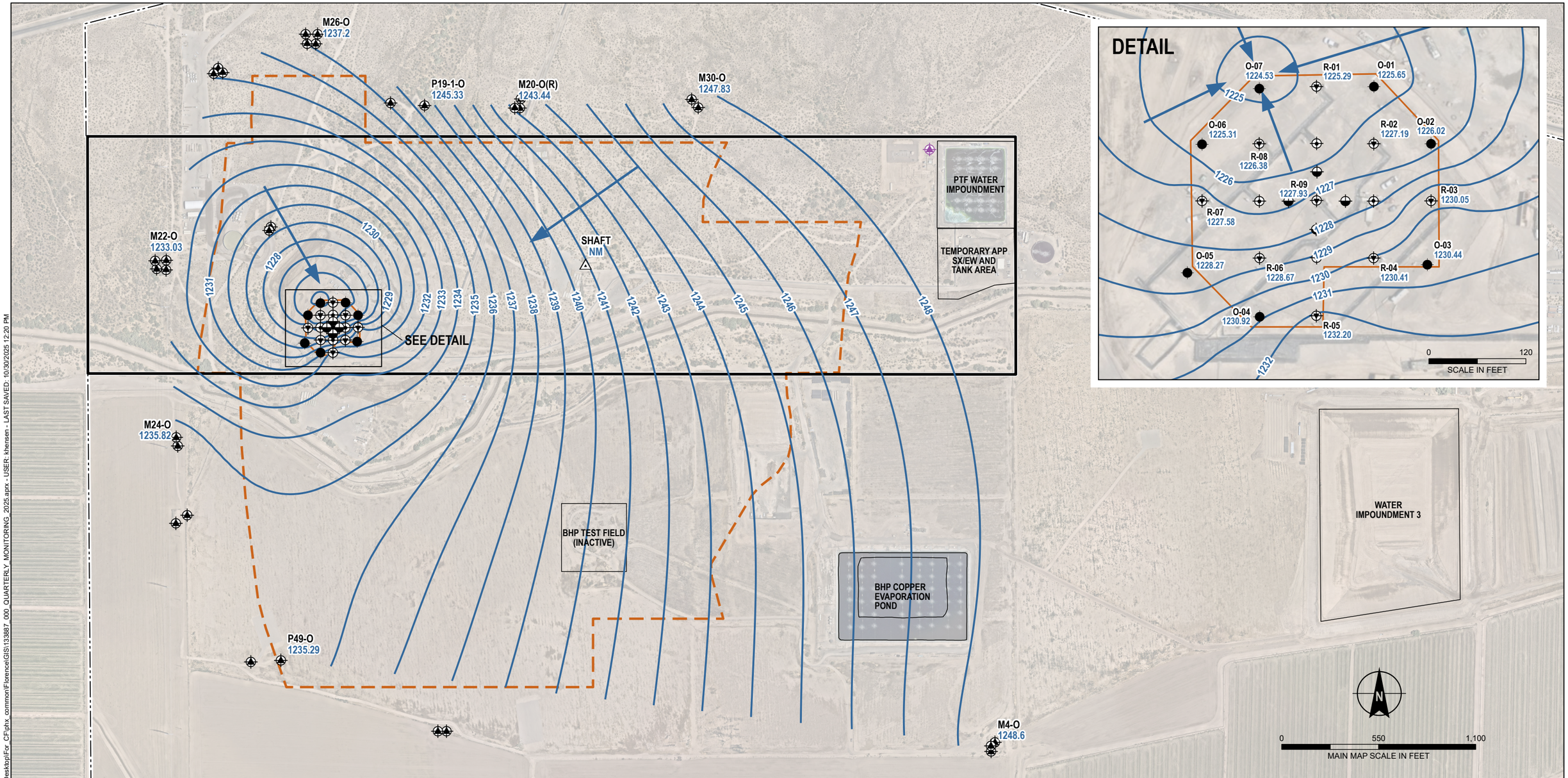
Florence Copper

OCTOBER 2025

FIGURE 2

ATTACHMENT 1

Map of Operational Status and Groundwater Contours



LEGEND

- OBSERVATION WELL
- INJECTION WELL
- RECOVERY WELL
- WESTBAY WELL
- APP AND UIC POINT OF COMPLIANCE (POC) WELL
- APP POC WELL
- SHAFT
- GROUNDWATER ELEVATION CONTOUR, IN FEET
- GROUNDWATER FLOW DIRECTION
- STATE LEASE BOUNDARY
- PRODUCTION TEST FACILITY (PTF) WELL FIELD
- IN-SITU COPPER RECOVERY (ISCR) WELL FIELD
- PROPERTY BOUNDARY

NOTES

1. APP PERMIT NO. 101704, LTF 102081
2. UIC PERMIT NO: R9UIC-AZ3-FY19-1
3. WATER LEVEL DATA WAS COLLECTED ON JULY 25, 2025.
4. WELLS WITH IDs AND **GROUNDWATER ELEVATION** WERE USED IN CONTOURING.
5. NM = NOT MEASURED (ON JULY 25, 2025)
6. AERIAL IMAGERY SOURCE: NEARMAP, MAY 28, 2024

HALEY ALDRICH

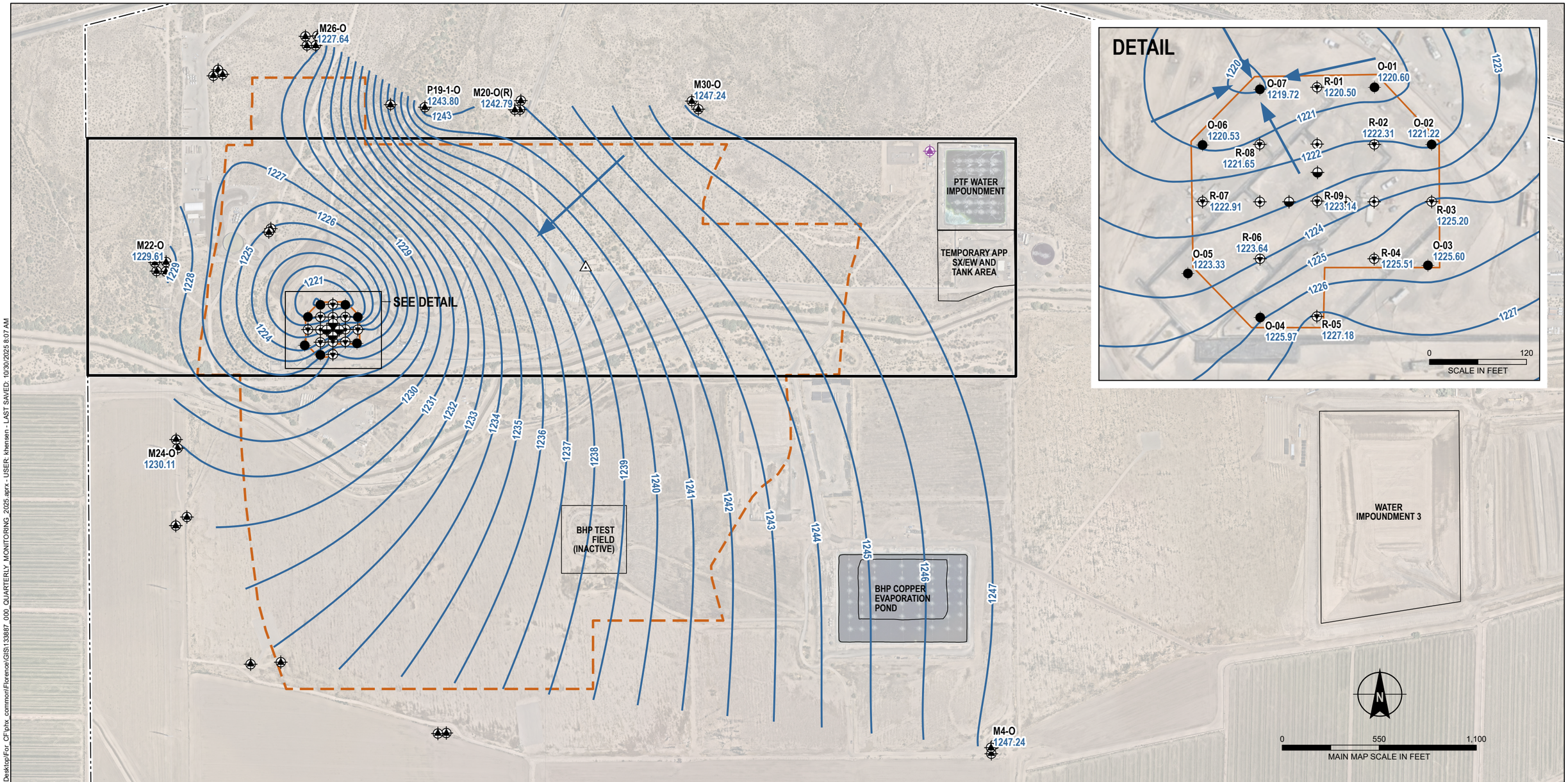
FLORENCE COPPER, LLC
FLORENCE, ARIZONA

QUARTERLY CONTOUR MAP
JULY 25, 2025

Florence Copper

OCTOBER 2025

FIGURE 1



LEGEND

- INJECTION
- OBSERVATION
- RECOVERY
- WESTBAY
- APP AND UIC POINT OF COMPLIANCE (POC) WELL
- APP POC WELL
- SHAFT
- GROUNDWATER ELEVATION CONTOUR, IN FEET
- GROUNDWATER ELEVATION FLOW
- STATE LEASE BOUNDARY
- PRODUCTION TEST FACILITY (PTF) WELL FIELD
- IN-SITU COPPER RECOVERY (ISCR) WELL FIELD
- PROPERTY BOUNDARY

NOTES

1. APP PERMIT NO. 101704, LTF 102081
2. UIC PERMIT NO: R9UIC-AZ3-FY19-1
3. WATER LEVEL DATA WAS COLLECTED ON AUGUST 6, 2025.
4. WELLS WITH IDs AND **GROUNDWATER ELEVATION** WERE USED IN CONTOURING.
5. AERIAL IMAGERY SOURCE: NEARMAP, 28 MAY 2024

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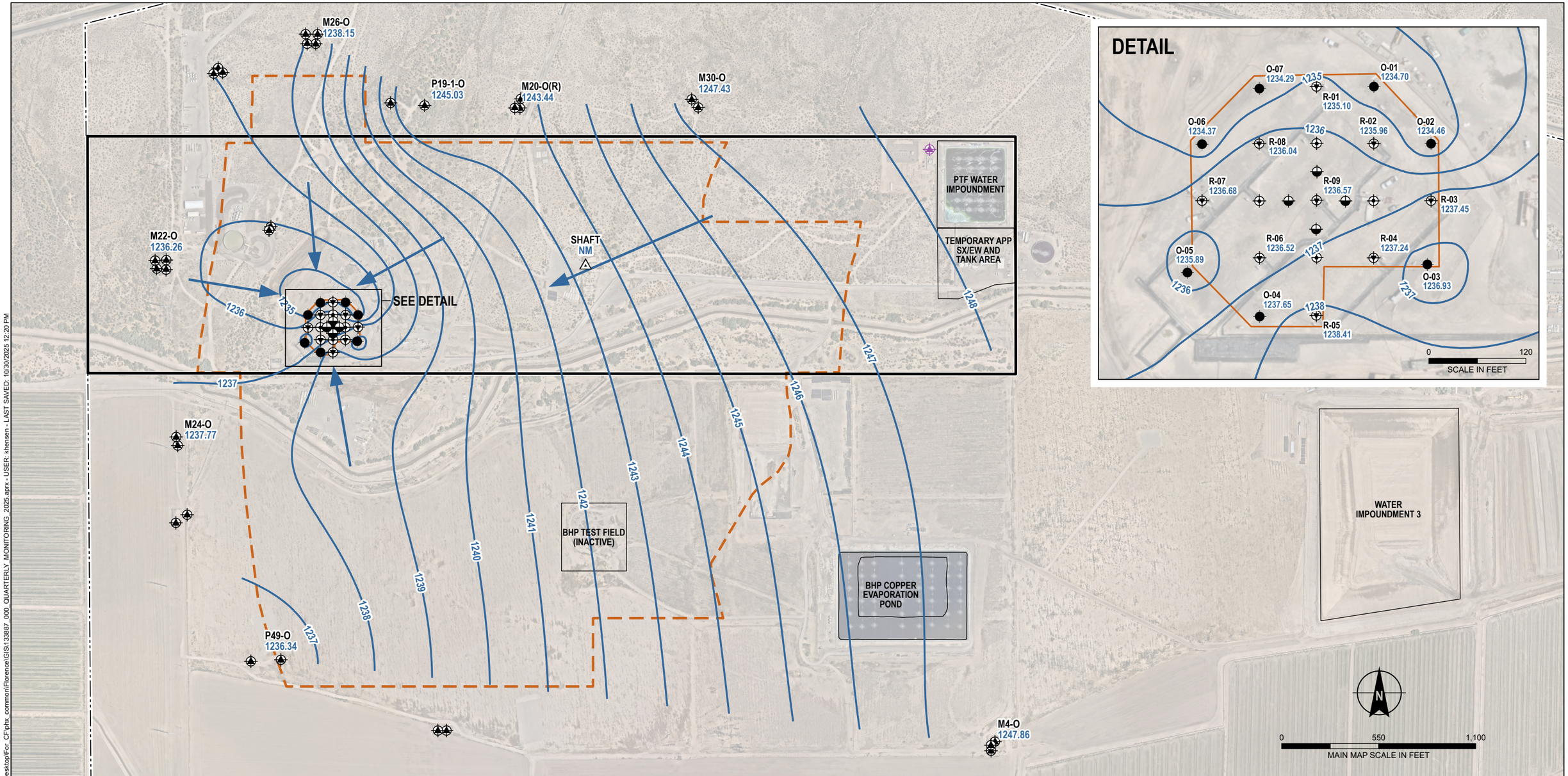
FLORENCE, ARIZONA

CONTOUR MAP - AUGUST 6, 2025

Florence Copper

OCTOBER 2025

FIGURE 2



LEGEND

- OBSERVATION WELL
- INJECTION WELL
- RECOVERY WELL
- WESTBAY WELL
- APP AND UIC POINT OF COMPLIANCE (POC) WELL
- APP POC WELL
- SHAFT
- GROUNDWATER ELEVATION CONTOUR, IN FEET
- GROUNDWATER FLOW DIRECTION
- STATE LEASE BOUNDARY
- PRODUCTION TEST FACILITY (PTF) WELL FIELD
- IN-SITU COPPER RECOVERY (ISCR) WELL FIELD
- PROPERTY BOUNDARY

NOTES

1. APP PERMIT NO. 101704
2. UIC PERMIT NO: R9UIC-AZ3-FY19-1
3. WATER LEVEL DATA WAS COLLECTED ON SEPTEMBER 18, 2025.
4. WELLS WITH IDs AND **GROUNDWATER ELEVATION** WERE USED IN CONTOURING.
5. NM = NOT MEASURED (ON SEPTEMBER 18, 2025)
6. AERIAL IMAGERY SOURCE: NEARMAP, MAY 28, 2024

HALEY ALDRICH

FLORENCE COPPER, LLC
FLORENCE, ARIZONA

QUARTERLY CONTOUR MAP
SEPTEMBER 18, 2025

Florence Copper

OCTOBER 2025

FIGURE 3

ATTACHMENT 2

Table and Graphs of Injected and Recovered Volumes

(Placeholder – Not Applicable for this Monitoring Period)

ATTACHMENT 3

Table and Graphs of the Well Head Measurements

Q3 2025 HYDRAULIC GRADIENT
DAILY WATER LEVEL ELEVATIONS
FLORENCE COPPER LLC
FLORENCE, ARIZONA

Table 1. July 2025 Daily Average Water Level Elevations

Date	R-01 Well Triplet			R-02 Well Triplet			R-03 Well Triplet			R-04 Well Triplet			R-05 Well Triplet			R-06 Well Triplet			R-07 Well Triplet			R-08 Well Triplet		
	R-01	O-07	M30-O	R-02	O-01	M30-O	R-03	O-02	M30-O	R-04	O-03	M30-O	R-05	O-04	M4-O	R-06	O-05	M4-O	R-07	O-06	M4-O	R-08	O-07	P19-1-O
7/1/2025	1236.94	1237.07	1250.63	1236.84	1235.56	1250.63	1237.22	1235.16	1250.63	1235.03	1235.18	1250.63	1237.43	1235.33	1251.19	1236.19	1235.20	1251.19	1235.58	1235.87	1251.19	1235.86	1237.07	1245.53
7/2/2025	1236.84	1236.97	1249.81	1236.89	1234.88	1249.81	1237.36	1234.84	1249.81	1236.47	1235.98	1249.81	1237.53	1235.19	1251.02	1236.26	1235.06	1251.02	1235.40	1235.54	1251.02	1234.78	1236.97	1244.00
7/3/2025	1237.46	1237.13	1249.82	1237.41	1234.18	1249.82	1237.53	1233.97	1249.82	1236.38	1236.69	1249.82	1237.53	1235.48	1244.09	1236.84	1235.59	1244.09	1237.46	1236.27	1244.09	1237.50	1237.13	1245.86
7/4/2025	1241.16	1240.93	1249.66	1241.10	1239.88	1249.66	1241.18	1238.94	1249.66	1240.19	1240.42	1249.66	1241.17	1238.72	1251.28	1240.40	1239.11	1251.28	1241.08	1240.30	1251.28	1240.57	1240.93	1245.74
7/5/2025	1238.64	1238.42	1249.72	1238.74	1240.73	1249.72	1239.15	1239.86	1249.72	1238.22	1238.57	1249.72	1239.25	1236.64	1251.93	1237.86	1236.52	1251.93	1238.10	1237.13	1251.93	1241.58	1238.42	1246.91
7/6/2025	1240.34	1240.26	1249.56	1240.32	1239.32	1249.56	1240.45	1238.36	1249.56	1239.44	1239.72	1249.56	1240.45	1238.04	1251.74	1239.57	1238.28	1251.74	1240.15	1239.33	1251.74	1240.14	1240.26	1245.55
7/7/2025	1239.04	1239.07	1249.95	1238.54	1241.62	1249.95	1237.64	1239.71	1249.95	1236.06	1236.32	1249.95	1236.98	1236.29	1252.69	1237.85	1236.96	1252.69	1238.94	1238.22	1252.69	1241.57	1239.07	1245.94
7/8/2025	1240.24	1240.19	1249.87	1240.02	1239.75	1249.87	1239.68	1238.89	1249.87	1238.50	1238.60	1249.87	1239.71	1237.71	1252.59	1239.37	1238.17	1252.59	1240.13	1239.36	1252.59	1240.94	1240.19	1245.78
7/9/2025	1240.16	1240.25	1241.92	1239.78	1240.45	1241.92	1238.96	1239.40	1241.92	1237.59	1237.26	1241.92	1239.22	1237.68	1252.09	1239.26	1238.21	1252.09	1240.13	1239.36	1252.09	1241.32	1240.25	1246.74
7/10/2025	1239.04	1239.24	1247.82	1238.42	1238.59	1247.82	1237.08	1237.41	1247.82	1235.59	1235.00	1247.82	1237.68	1236.68	1251.57	1238.16	1237.28	1251.57	1239.17	1238.36	1251.57	1239.88	1239.24	1246.55
7/11/2025	1239.85	1239.77	1250.02	1239.68	1238.97	1250.02	1239.51	1238.06	1250.02	1238.41	1238.51	1250.02	1239.70	1237.56	1251.63	1239.19	1237.96	1251.63	1239.84	1239.01	1251.63	1239.71	1239.77	1246.30
7/12/2025	1239.51	1239.61	1249.98	1239.17	1240.33	1249.98	1238.48	1239.51	1249.98	1237.17	1237.04	1249.98	1238.67	1236.79	1251.33	1238.62	1237.49	1251.33	1239.42	1238.64	1251.33	1239.41	1239.61	1246.43
7/13/2025	1237.94	1237.67	1249.91	1237.42	1238.88	1249.91	1236.57	1237.89	1249.91	1234.96	1235.37	1249.91	1235.86	1235.14	1251.03	1236.79	1235.83	1251.03	1237.79	1237.03	1251.03	1237.79	1237.67	1245.72
7/14/2025	1235.94	1236.01	1249.58	1234.90	1236.18	1249.58	1234.01	1235.36	1249.58	1232.92	1235.93	1249.58	1234.15	1236.73	1248.60	1234.74	1235.77	1248.60	1236.02	1235.65	1248.60	1240.10	1236.01	1245.87
7/15/2025	1235.90	1239.13	1247.67	1236.28	1239.53	1247.67	1235.07	1238.64	1247.67	1233.89	1233.94	1247.67	1238.16	1233.86	1250.98	1235.01	1234.38	1250.98	1235.87	1235.26	1250.98	1235.97	1239.13	1241.99
7/16/2025	1238.25	1237.92	1249.48	1237.74	1237.26	1249.48	1236.92	1235.70	1249.48	1235.76	1235.48	1249.48	1237.58	1231.05	1250.58	1237.77	1236.61	1250.58	1238.40	1237.49	1250.58	1237.03	1237.92	1245.22
7/17/2025	1237.95	1237.70	1249.44	1238.10	1237.20	1249.44	1236.22	1235.71	1249.44	1234.83	1234.43	1249.44	1236.59	1226.60	1251.41	1237.01	1235.96	1251.41	1237.90	1237.10	1251.41	1238.18	1237.70	1246.00
7/18/2025	1236.85	1237.09	1249.43	1236.50	1234.88	1249.43	1235.34	1233.14	1249.43	1234.14	1233.77	1249.43	1236.04	1227.27	1250.22	1236.10	1235.01	1250.22	1236.90	1236.07	1250.22	1235.58	1237.09	1245.52
7/19/2025	1239.54	1239.59	1249.49	1239.28	1234.78	1249.49	1239.23	1232.98	1249.49	1238.34	1238.61	1249.49	1239.68	1228.42	1250.31	1239.00	1237.63	1250.31	1239.54	1238.68	1250.31	1236.11	1239.59	1245.46
7/20/2025	1237.14	1237.36	1249.45	1236.34	1237.64	1249.45	1235.96	1235.43	1249.45	1235.62	1235.58	1249.45	1237.63	1227.74	1250.50	1237.06	1235.95	1250.50	1237.71	1236.81	1250.50	1238.95	1237.36	1245.69
7/21/2025	1238.78	1238.67	1249.47	1238.46	1234.94	1249.47	1238.41	1231.82	1249.47	1237.57	1237.87	1249.47	1238.97	1226.65	1250.24	1238.28	1236.94	1250.24	1238.83	1237.98	1250.24	1236.68	1238.67	1241.74
7/22/2025	1234.65	1234.35	1249.37	1235.05	1235.18	1249.37	1235.96	1235.41	1249.37	1235.28	1235.92	1249.37	1236.74	1225.46	1250.17	1235.03	1233.76	1250.17	1235.15	1234.01	1250.17	1234.98	1234.35	1245.06
7/23/2025	1240.74	1240.46	1249.47	1240.61	1239.37	1249.47	1240.77	1238.32	1249.47	1239.77	1240.24	1249.47	1241.04	1226.11	1249.47	1240.10	1238.75	1249.47	1240.64	1239.80	1249.47	1240.14	1240.46	1245.75
7/24/2025	1231.52	1231.46	1249.45	1232.77	1240.07	1249.45	1234.98	1238.99	1249.45	1234.70	1235.67	1249.45	1236.49	1213.73	1250.33	1233.46	1232.45	1250.33	1233.01	1231.46	1250.33	1240.51	1231.46	1245.70
7/25/2025	1230.78	1231.02	1249.58	1231.65	1225.65	1249.58	1233.63	1226.02	1249.58	1233.45	1234.39	1249.58	1235.37	1212.14	1250.93	1232.57	1231.52	1250.93	1232.25	1230.83	1250.93	1226.38	1231.02	1240.24
7/26/2025	1241.21	1240.88	1249.71	1241.27	1239.17	1249.71	1241.68	1238.21	1249.71	1240.80	1241.38	1249.71	1242.13	1218.77	1251.02	1241.00	1239.74	1251.02	1241.50	1240.60	1251.02	1240.03	1240.88	1245.59
7/27/2025	1241.74	1241.51	1249.79	1241.72	1240.95	1249.79	1241.89	1240.02	1249.79	1240.87	1241.40	1249.79	1242.06	1222.22	1251.10	1241.18	1239.99	1251.10	1241.83	1241.00	1251.10	1241.82	1241.51	1247.89
7/28/2025	1236.33	1236.22	1249.74	1236.85	1237.42	1249.74	1237.89	1237.72	1249.74	1237.23	1238.01	1249.74	1238.76	1237.28	1250.84	1236.91	1236.15	1250.84	1237.08	1235.94	1250.84	1238.82	1236.22	1245.78
7/29/2025	1227.36	1227.69	1249.80	1228.88	1239.28	1249.80	1231.37	1238.76	1249.80	1231.20	1232.35	1249.80	1233.12	1231.08	1251.13	1229.85	1229.18	1251.13	1229.17	1227.52	1251.13	1239.66	1227.69	1245.64
7/30/2025	1220.78	1221.12	1249.65	1222.58	1222.38	1249.65	1225.81	1223.16	1249.65	1226.04	1227.39	1249.65	1228.33	1226.51	1251.37	1224.33	1223.73	1251.37	1223.25	1221.38	1251.37	1223.54	1221.12	1244.90
7/31/2025	1225.86	1226.11	1249.60	1227.19	1224.80	1249.60	1229.16	1225.68	1249.60	1229.41	1229.76	1249.60	1231.15	1228.74	1251.42	1228.26	1227.60	1251.42	1227.69	1226.14	1251.42	1226.43	1226.11	1244.53

Notes:

All measurements in elevation above mean sea level.

Q3 2025 HYDRAULIC GRADIENT
DAILY WATER LEVEL ELEVATIONS
FLORENCE COPPER LLC
FLORENCE, ARIZONA

Table 2. August 2025 Daily Average Water Level Elevations

Date	R-01 Well Triplet			R-02 Well Triplet			R-03 Well Triplet			R-04 Well Triplet			R-05 Well Triplet			R-06 Well Triplet			R-07 Well Triplet			R-08 Well Triplet		
	R-01	O-07	M30-O	R-02	O-01	M30-O	R-03	O-02	M30-O	R-04	O-03	M30-O	R-05	O-04	M4-O	R-06	O-05	M4-O	R-07	O-06	M4-O	R-08	O-07	P19-1-O
8/1/2025	1219.43	1219.67	1249.31	1221.41	1220.46	1249.31	1224.22	1220.98	1249.31	1224.99	1225.32	1249.31	1226.92	1224.38	1251.10	1223.17	1222.61	1251.10	1222.05	1220.16	1251.10	1221.40	1219.67	1244.19
8/2/2025	1221.03	1221.29	1249.65	1222.58	1218.37	1249.65	1224.86	1218.89	1249.65	1225.52	1225.74	1249.65	1227.38	1225.32	1250.88	1224.10	1223.50	1250.88	1223.29	1221.62	1250.88	1219.35	1221.29	1243.83
8/3/2025	1237.01	1237.25	1249.62	1237.21	1233.18	1249.62	1237.09	1231.91	1249.62	1236.69	1236.34	1249.62	1237.65	1236.22	1250.69	1236.76	1235.95	1250.69	1237.32	1236.46	1250.69	1234.10	1237.25	1244.21
8/4/2025	1237.92	1238.38	1249.35	1238.13	1236.97	1249.35	1237.95	1236.16	1249.35	1237.49	1237.12	1249.35	1238.38	1236.80	1250.54	1237.57	1236.80	1250.54	1238.17	1237.30	1250.54	1237.85	1238.38	1244.64
8/5/2025	1227.74	1228.11	1249.41	1229.20	1237.58	1249.41	1230.79	1236.85	1249.41	1230.94	1231.05	1249.41	1232.31	1230.83	1250.76	1229.81	1229.12	1250.76	1229.33	1227.81	1250.76	1238.47	1228.11	1244.83
8/6/2025	1219.06	1219.29	1249.38	1221.02	1220.60	1249.38	1223.64	1221.22	1249.38	1224.32	1224.70	1249.38	1226.19	1224.24	1251.20	1222.64	1222.05	1251.20	1221.57	1219.73	1251.20	1221.65	1219.29	1239.92
8/7/2025	1217.88	1218.42	1249.08	1219.94	1217.89	1249.08	1222.78	1218.51	1249.08	1223.58	1224.03	1249.08	1225.60	1224.05	1250.51	1221.82	1221.24	1250.51	1220.61	1218.69	1250.51	1218.87	1218.42	1239.71
8/8/2025	1230.83	1231.41	1248.89	1231.37	1220.44	1248.89	1231.96	1220.22	1248.89	1231.95	1231.85	1248.89	1233.30	1232.09	1249.98	1231.67	1230.92	1249.98	1231.80	1230.70	1249.98	1222.67	1231.41	1243.65
8/9/2025	1236.39	1236.76	1248.72	1236.62	1234.84	1248.72	1236.47	1234.07	1248.72	1236.04	1235.77	1248.72	1236.96	1235.75	1249.91	1236.10	1235.31	1249.91	1236.68	1235.80	1249.91	1235.83	1236.76	1243.72
8/10/2025	1237.30	1237.59	1248.77	1237.48	1237.63	1248.77	1237.20	1236.66	1248.77	1236.69	1236.39	1248.77	1237.62	1236.62	1249.76	1236.81	1236.04	1249.76	1237.47	1236.62	1249.76	1238.13	1237.59	1244.13
8/11/2025	1237.82	1238.02	1248.81	1237.97	1236.19	1248.81	1237.67	1234.62	1248.81	1237.15	1236.86	1248.81	1238.09	1237.18	1251.03	1237.30	1236.53	1251.03	1237.93	1237.13	1251.03	1238.38	1238.02	1244.35
8/12/2025	1238.12	1238.36	1249.06	1238.27	1237.44	1249.06	1237.94	1236.63	1249.06	1237.38	1237.09	1249.06	1238.29	1237.53	1250.54	1237.54	1236.77	1250.54	1238.22	1237.37	1250.54	1238.38	1238.36	1244.55
8/13/2025	1238.38	1238.63	1248.97	1238.54	1237.21	1248.97	1238.20	1236.26	1248.97	1237.64	1237.35	1248.97	1238.55	1237.78	1249.42	1237.77	1237.02	1249.42	1238.44	1237.63	1249.42	1239.04	1238.63	1244.63
8/14/2025	1232.69	1233.18	1248.85	1233.39	1238.76	1248.85	1234.02	1239.64	1248.85	1233.95	1233.91	1248.85	1235.26	1234.39	1249.46	1233.68	1233.03	1249.46	1233.90	1232.74	1249.46	1239.84	1233.18	1244.46
8/15/2025	1237.71	1237.84	1248.79	1237.86	1235.24	1248.79	1237.60	1233.91	1248.79	1237.12	1236.89	1248.79	1238.13	1236.33	1249.69	1237.24	1236.49	1249.69	1237.86	1237.01	1249.69	1237.34	1237.84	1244.23
8/16/2025	1238.41	1238.60	1248.76	1238.53	1237.28	1248.76	1238.23	1235.86	1248.76	1237.66	1237.41	1248.76	1238.60	1236.44	1249.95	1237.82	1237.04	1249.95	1238.46	1237.64	1249.95	1238.92	1238.60	1244.34
8/17/2025	1238.50	1238.63	1248.79	1238.64	1238.65	1248.79	1238.31	1236.30	1248.79	1237.75	1237.52	1248.79	1238.73	1236.20	1250.01	1237.91	1237.17	1250.01	1238.58	1237.76	1250.01	1239.51	1238.63	1244.83
8/18/2025	1238.93	1238.83	1249.01	1239.05	1237.93	1249.01	1238.73	1237.10	1249.01	1238.17	1237.96	1249.01	1239.17	1236.38	1250.33	1238.37	1237.64	1250.33	1239.02	1238.18	1250.33	1239.37	1238.83	1244.49
8/19/2025	1239.17	1238.88	1248.93	1239.31	1237.48	1248.93	1239.00	1235.76	1248.93	1238.42	1238.23	1248.93	1239.42	1236.53	1250.46	1238.61	1237.88	1250.46	1239.25	1238.43	1250.46	1239.54	1238.88	1244.19
8/20/2025	1240.43	1240.09	1248.96	1240.59	1239.08	1248.96	1240.36	1238.36	1248.96	1239.84	1239.67	1248.96	1240.83	1237.83	1250.34	1239.97	1239.22	1250.34	1240.56	1240.06	1250.34	1240.44	1240.09	1254.94
8/21/2025	1241.78	1241.30	1247.16	1241.97	1240.78	1247.16	1241.77	1239.86	1247.16	1241.28	1241.12	1247.16	1242.35	1240.04	1247.48	1241.41	1240.68	1247.48	1241.98	1240.44	1247.48	1242.14	1241.30	1244.78
8/22/2025	1225.68	1226.12	1247.29	1227.51	1240.46	1247.29	1230.24	1240.14	1247.29	1231.08	1231.62	1247.29	1233.23	1231.63	1248.43	1229.89	1229.50	1248.43	1229.19	1226.35	1248.43	1242.57	1226.12	1257.28
8/23/2025	1217.34	1218.13	1249.24	1219.50	1219.54	1249.24	1223.14	1219.49	1249.24	1224.50	1225.29	1249.24	1227.11	1224.63	1250.30	1222.85	1222.53	1250.30	1221.69	1218.62	1250.30	1222.41	1218.13	1245.16
8/24/2025	1221.24	1222.03	1248.74	1222.69	1215.63	1248.74	1225.14	1216.15	1248.74	1225.97	1226.54	1248.74	1228.13	1217.46	1247.85	1224.80	1224.31	1247.85	1224.15	1221.48	1247.85	1218.11	1222.03	1243.09
8/25/2025	1235.90	1235.86	1248.51	1236.19	1232.20	1248.51	1236.37	1231.49	1248.51	1236.04	1236.09	1248.51	1237.26	1242.52	1250.53	1236.00	1235.24	1250.53	1236.41	1234.39	1250.53	1233.91	1235.86	1243.01
8/26/2025	1238.49	1238.45	1248.98	1238.66	1237.28	1248.98	1238.54	1236.74	1248.98	1238.04	1238.03	1248.98	1239.19	1244.46	1249.62	1238.18	1237.45	1249.62	1238.75	1236.82	1249.62	1238.84	1238.45	1240.44
8/27/2025	1239.44	1239.39	1248.93	1239.56	1238.55	1248.93	1239.33	1237.72	1248.93	1238.78	1238.74	1248.93	1239.86	1245.18	1249.88	1238.97	1238.25	1249.88	1239.62	1237.71	1249.88	1239.98	1239.39	1243.82
8/28/2025	1224.90	1225.53	1249.09	1226.53	1239.08	1249.09	1228.93	1238.21	1249.09	1229.58	1230.16	1249.09	1231.62	1236.56	1251.36	1228.57	1228.12	1251.36	1228.02	1225.31	1251.36	1240.44	1225.53	1244.26
8/29/2025	1223.43	1223.98	1249.10	1224.63	1216.75	1249.10	1226.66	1216.68	1249.10	1227.32	1227.87	1249.10	1229.44	1234.31	1251.04	1226.41	1225.88	1251.04	1225.93	1223.40	1251.04	1219.35	1223.98	1243.26
8/30/2025	1236.87	1236.54	1249.14	1237.13	1233.47	1249.14	1237.22	1232.66	1249.14	1236.83	1236.94	1249.14	1238.07	1243.31	1251.67	1236.87	1236.10	1251.67	1237.31	1235.34	1251.67	1235.04	1236.54	1243.52
8/31/2025	1239.17	1238.92	1245.37	1239.36	1237.85	1245.37	1239.22	1237.05	1245.37	1238.68	1238.74	1249.18	1239.80	1245.15	1251.61	1238.85	1238.09	1251.61	1239.41	1237.51	1251.61	1239.34	1238.92	1244.41

Notes:

All measurements in elevation above mean sea level.

Q3 2025 HYDRAULIC GRADIENT
DAILY WATER LEVEL ELEVATIONS
FLORENCE COPPER LLC
FLORENCE, ARIZONA

Table 3. September 2025 Daily Average Water Level Elevations

Date	R-01 Well Triplet			R-02 Well Triplet			R-03 Well Triplet			R-04 Well Triplet			R-05 Well Triplet			R-06 Well Triplet			R-07 Well Triplet			R-08 Well Triplet		
	R-01	O-07	M30-O	R-02	O-01	M30-O	R-03	O-02	M30-O	R-04	O-03	M30-O	R-05	O-04	M4-O	R-06	O-05	M4-O	R-07	O-06	M4-O	R-08	O-07	P19-1-O
9/1/2025	1239.85	1239.74	1249.24	1239.99	1238.89	1249.24	1239.74	1238.03	1249.24	1239.19	1239.22	1249.24	1240.23	1245.62	1251.99	1239.41	1238.62	1251.99	1239.99	1238.12	1251.99	1239.71	1239.74	1244.52
9/2/2025	1240.03	1240.07	1249.39	1240.17	1239.28	1249.39	1239.85	1238.33	1249.39	1239.29	1239.31	1249.39	1240.35	1240.47	1252.11	1239.52	1238.73	1252.11	1240.11	1238.29	1252.11	1240.17	1240.07	1244.73
9/3/2025	1239.84	1238.83	1247.24	1240.23	1239.34	1247.24	1240.00	1238.19	1247.24	1239.27	1238.48	1247.24	1239.99	1239.33	1249.32	1239.12	1238.67	1249.32	1240.00	1238.15	1249.32	1240.78	1238.83	1244.65
9/4/2025	1240.00	1239.97	1249.27	1240.10	1239.11	1249.27	1239.79	1238.26	1249.27	1239.19	1239.21	1249.27	1240.25	1244.86	1252.02	1239.37	1238.66	1252.02	1240.05	1238.21	1252.02	1240.06	1239.97	1244.65
9/5/2025	1239.68	1239.14	1249.25	1239.72	1239.00	1249.25	1239.37	1238.20	1249.25	1238.74	1238.78	1249.25	1239.78	1233.99	1251.82	1238.96	1238.22	1251.82	1239.63	1237.85	1251.82	1239.93	1239.14	1244.64
9/6/2025	1238.00	1237.81	1249.17	1236.58	1238.62	1249.17	1236.22	1237.83	1249.17	1237.08	1237.79	1249.17	1239.70	1230.17	1251.29	1236.78	1236.89	1251.29	1236.48	1233.93	1251.29	1239.57	1237.81	1244.47
9/7/2025	1235.01	1227.75	1249.09	1226.14	1238.78	1249.09	1227.27	1237.96	1249.09	1231.15	1234.57	1249.09	1235.59	1223.55	1250.66	1231.78	1232.64	1250.66	1226.05	1205.09	1250.66	1239.68	1227.75	1244.42
9/8/2025	1239.41	1238.95	1249.02	1239.42	1238.66	1249.02	1239.06	1237.83	1249.02	1238.41	1238.48	1249.02	1239.52	1232.33	1250.44	1238.67	1237.96	1250.44	1239.33	1237.57	1250.44	1239.37	1238.95	1244.40
9/9/2025	1239.55	1239.12	1249.05	1239.59	1239.08	1249.05	1239.23	1238.14	1249.05	1238.59	1238.66	1249.05	1239.69	1232.39	1250.34	1238.82	1238.14	1250.34	1239.50	1237.76	1250.34	1239.60	1239.12	1244.53
9/10/2025	1239.73	1239.33	1249.17	1239.79	1238.98	1249.17	1239.45	1238.36	1249.17	1238.80	1238.88	1249.17	1239.90	1231.73	1250.36	1239.03	1238.34	1250.36	1239.70	1237.95	1250.36	1239.70	1239.33	1244.71
9/11/2025	1239.82	1239.54	1249.13	1239.88	1239.08	1249.13	1239.52	1238.23	1249.13	1238.87	1238.96	1249.13	1239.95	1231.83	1250.20	1239.11	1238.43	1250.20	1239.80	1238.01	1250.20	1239.98	1239.54	1244.67
9/12/2025	1240.72	1240.33	1249.10	1240.76	1239.15	1249.10	1240.45	1238.35	1249.10	1239.86	1239.97	1249.10	1241.01	1231.54	1250.04	1240.10	1239.39	1250.04	1240.71	1238.93	1250.04	1239.86	1240.33	1244.66
9/13/2025	1242.30	1242.21	1249.13	1242.36	1240.09	1249.13	1242.14	1239.25	1249.13	1241.57	1241.69	1249.13	1242.79	1232.44	1250.41	1241.79	1241.08	1250.41	1242.36	1240.54	1250.41	1241.06	1242.21	1244.84
9/14/2025	1242.84	1242.87	1249.15	1242.94	1242.08	1249.15	1242.69	1241.18	1249.15	1242.11	1242.22	1249.15	1243.25	1231.01	1250.95	1242.33	1241.61	1250.95	1242.91	1241.11	1250.95	1242.86	1242.87	1245.20
9/15/2025	1241.71	1241.35	1249.39	1241.79	1242.20	1249.39	1241.44	1241.44	1249.39	1240.81	1240.90	1249.39	1241.94	1229.75	1250.91	1241.07	1240.36	1250.91	1241.71	1239.95	1250.91	1243.23	1241.35	1245.22
9/16/2025	1241.62	1241.28	1249.39	1241.72	1240.15	1249.39	1241.41	1237.89	1249.39	1240.81	1240.92	1249.39	1241.98	1229.69	1250.78	1241.04	1240.31	1250.78	1241.63	1239.78	1250.78	1241.48	1241.28	1245.19
9/17/2025	1239.19	1239.26	1249.33	1239.71	1239.56	1249.33	1240.08	1239.16	1249.33	1239.76	1240.06	1249.33	1241.23	1229.09	1247.80	1239.66	1239.19	1247.80	1240.14	1237.79	1247.80	1240.88	1239.26	1245.20
9/18/2025	1238.22	1237.99	1249.33	1238.45	1236.82	1249.33	1238.73	1236.14	1249.33	1238.40	1238.72	1249.33	1239.79	1228.72	1250.49	1238.36	1237.42	1250.49	1238.41	1237.04	1250.49	1238.06	1237.99	1244.92
9/19/2025	1241.97	1242.11	1249.21	1242.12	1240.11	1249.21	1241.94	1239.25	1249.21	1241.42	1241.63	1249.21	1242.62	1231.19	1250.47	1241.61	1240.84	1250.47	1242.10	1240.39	1250.47	1241.06	1242.11	1244.88
9/20/2025	1243.33	1243.55	1247.39	1243.46	1241.44	1247.39	1243.26	1240.58	1247.39	1242.71	1242.92	1247.39	1243.96	1231.68	1248.24	1242.92	1242.17	1248.24	1243.45	1241.62	1248.24	1242.38	1243.55	1245.28
9/21/2025	1244.00	1244.17	1247.45	1244.13	1239.88	1247.45	1243.93	1240.65	1247.45	1243.34	1243.58	1247.45	1244.58	1233.68	1248.18	1243.58	1242.86	1248.18	1244.14	1242.32	1248.18	1243.64	1244.17	1245.71
9/22/2025	1244.54	1244.33	1247.76	1244.66	1243.75	1247.76	1244.45	1243.26	1247.76	1243.87	1244.11	1247.76	1245.10	1235.50	1247.76	1244.10	1243.40	1248.62	1244.66	1242.84	1248.62	1244.88	1244.33	1246.99
9/23/2025	1245.01	1244.54	1247.77	1245.13	1244.36	1247.77	1244.93	1243.56	1247.77	1244.34	1244.60	1247.77	1245.58	1237.94	1247.80	1244.57	1243.86	1247.80	1245.14	1243.33	1247.80	1245.18	1244.54	1245.67
9/24/2025	1241.75	1240.90	1247.97	1241.60	1244.34	1247.97	1242.25	1243.65	1247.97	1241.91	1242.34	1247.97	1243.38	1234.91	1249.65	1241.81	1240.95	1249.65	1241.79	1240.00	1249.65	1245.37	1240.90	1246.38
9/25/2025	1244.92	1245.01	1247.97	1245.13	1243.27	1247.97	1245.02	1242.44	1247.97	1244.50	1244.81	1247.97	1245.79	1234.04	1249.86	1244.68	1243.98	1249.86	1245.21	1243.46	1249.86	1244.17	1245.01	1246.04
9/26/2025	1244.96	1244.71	1249.77	1244.52	NA	1249.77	1244.97	NA	1249.77	1244.48	1244.81	1249.77	1245.78	1235.42	1250.47	1244.64	1243.92	1250.47	1245.10	1243.19	1250.47	NA	1244.71	1247.86
9/27/2025	1245.80	1245.85	1249.85	1245.58	NA	1249.85	1245.84	NA	1249.85	1245.32	1245.61	1249.85	1246.55	1237.99	1249.90	1245.48	1244.75	1249.90	1246.00	1244.15	1249.90	NA	1245.85	1246.43
9/28/2025	1246.10	1242.23	1249.53	1246.21	NA	1249.53	1246.52	NA	1249.53	1245.94	1245.19	1249.53	1246.66	1246.13	1251.51	1245.68	1245.22	1251.51	1246.53	1244.68	1251.51	NA	1242.23	1246.50
9/29/2025	1246.59	1245.57	1250.12	1246.57	NA	1250.12	1246.92	NA	1250.12	1246.29	1245.72	1250.12	1246.92	1246.55	1253.44	1246.12	1245.55	1253.44	1247.03	1245.05	1253.44	NA	1245.57	1246.85
9/30/2025	1240.75	1240.36	1250.24	1243.16	NA	1250.24	1243.43	NA	1250.24	1243.17	1242.72	1250.24	1243.41	1243.61	1253.72	1244.40	1241.97	1253.72	1242.85	1240.33	1253.72	NA	1240.36	1246.89

Notes:

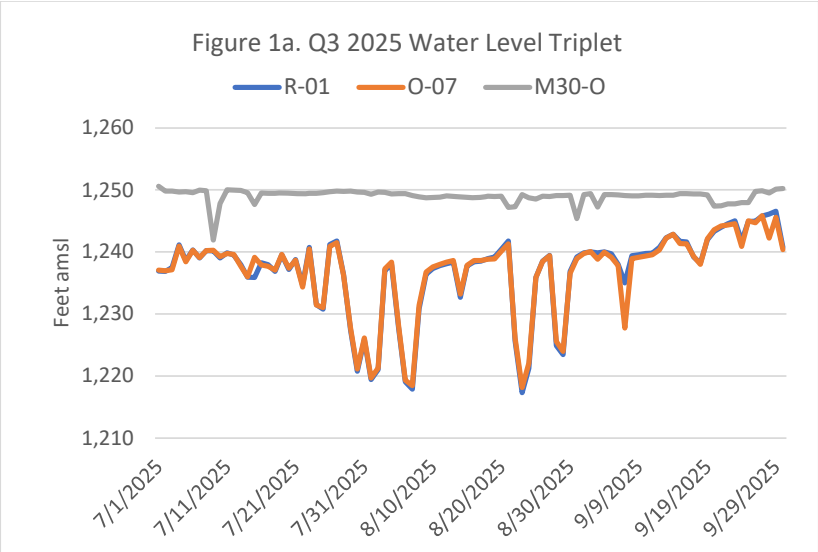
All measurements in elevation above mean sea level.

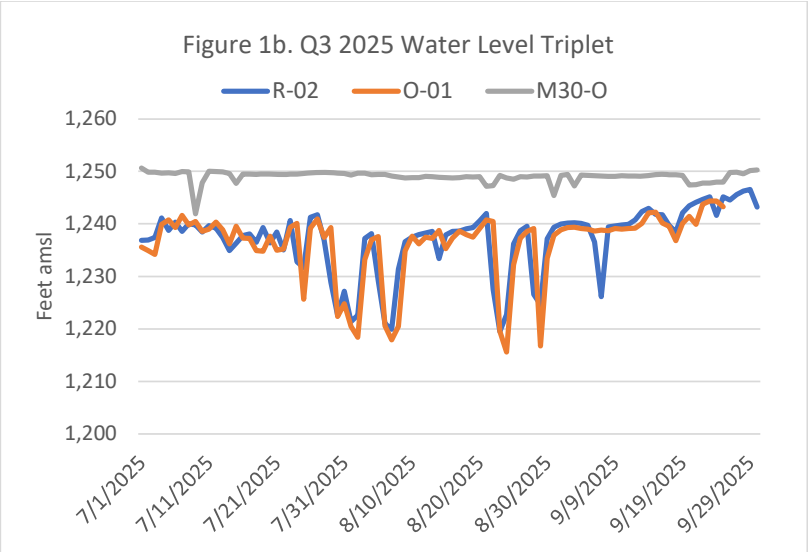
NA or NM = Not measured or otherwise not available

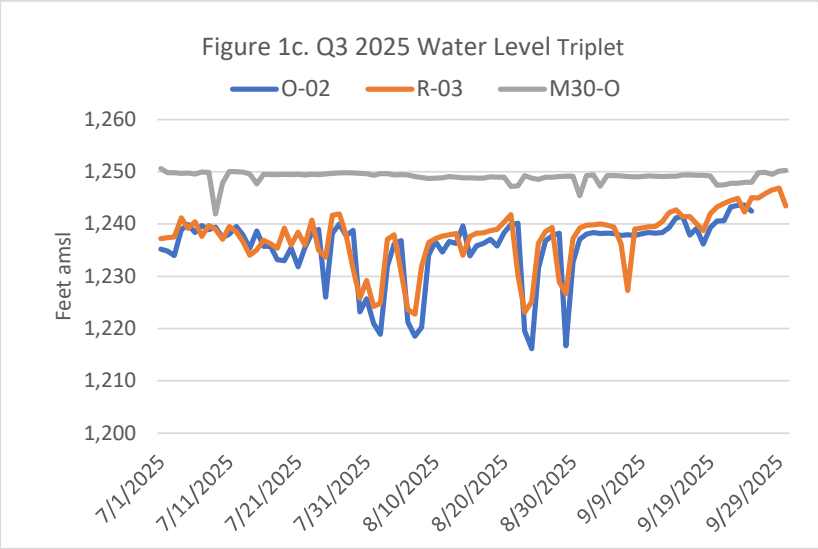
No data were availible for the following dates/wells:

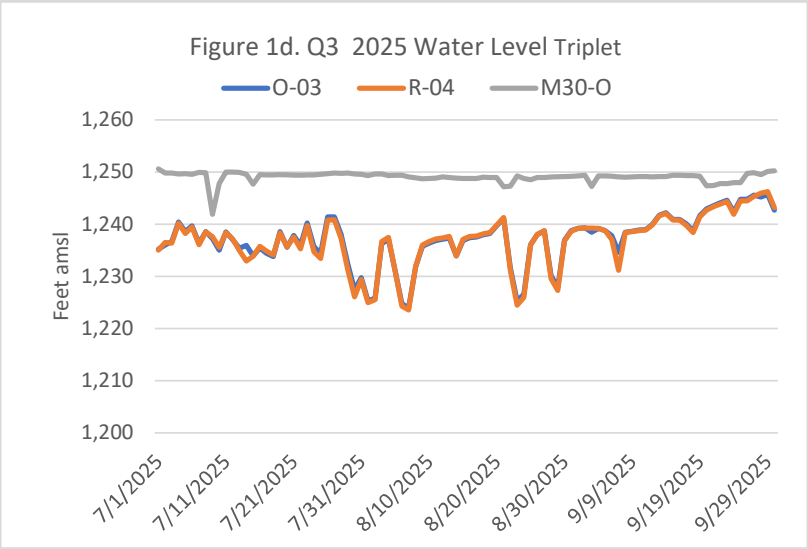
O-01 and O-02 offline due to construction from 9/26/25 to 9/30/25

Hydraulic Gradient - Daily Average Water Level Elevations - Observation and Recovery Wells





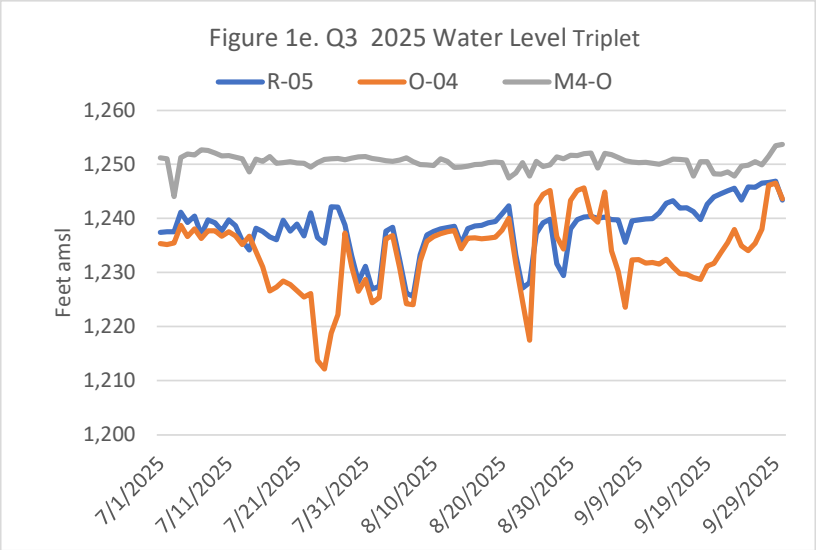


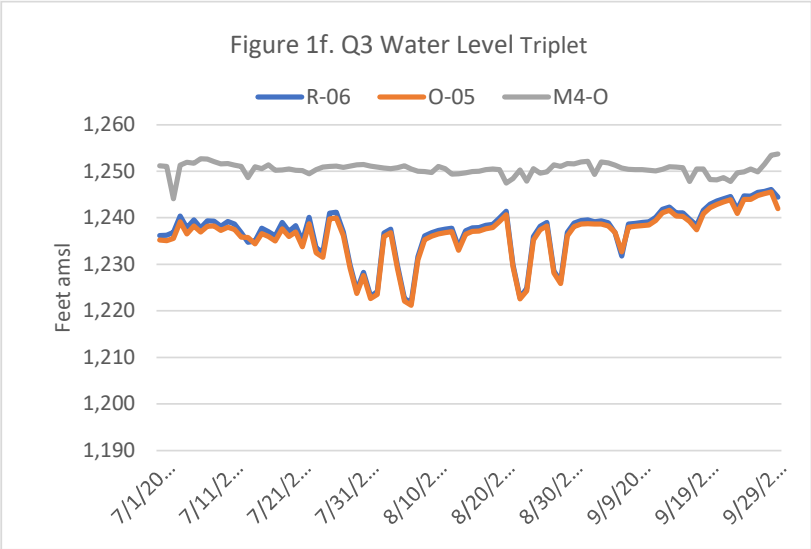


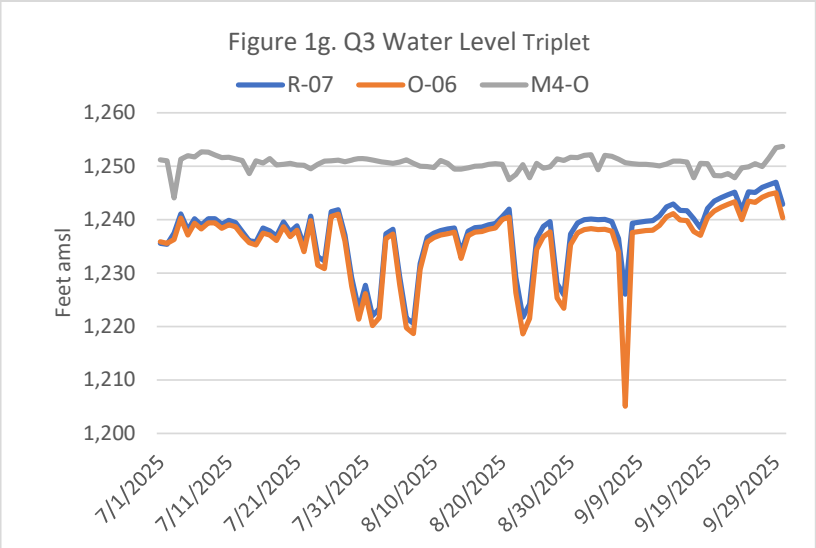
Notes:

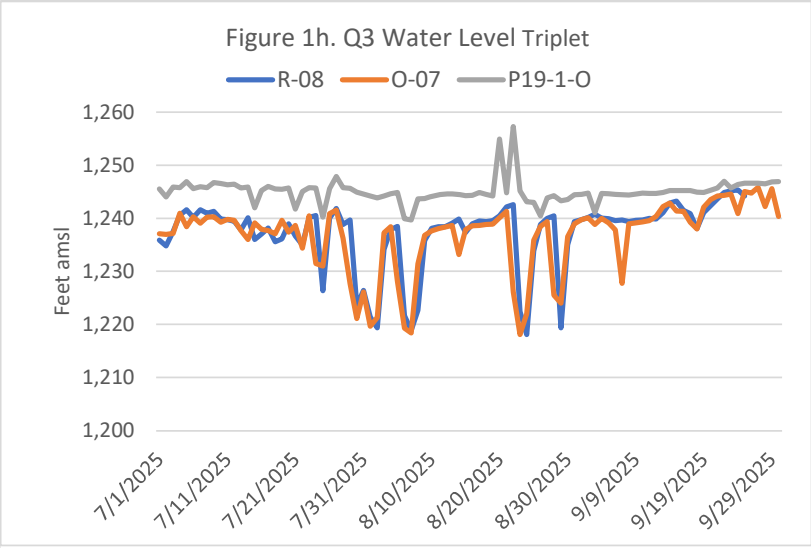
Refer to preceding Daily Average Water Level Elevations Table (Tables 1-3) for details on missing data points.

Hydraulic Gradient - Daily Average Water Level Elevations - Observation and Recovery Wells









Notes:

Refer to preceding Daily Average Water Level Elevations Table (Tables 1-3) for details on missing data points.

Q3 2025 HYDRAULIC GRADIENT
DAILY WATER LEVEL DIFFERENCE FOR WELL PAIRINGS AND TRIPLETS
FLORENCE COPPER LLC
FLORENCE, ARIZONA

Table 4. July 2025 Daily Average Water Level Differences

Date	R-01 Triplet		R-02 Triplet		R-03 Triplet		R-04 Triplet		R-05 Triplet		R-06 Triplet		R-07 Triplet		R-08 Triplet		All Gradients >1 foot?(1)
	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	
	R-01	R-01	R-02	R-02	R-03	R-03	R-04	R-04	R-05	R-05	R-06	R-06	R-07	R-07	R-08	R-08	
	O-07	M30-O	O-01	M30-O	O-02	M30-O	O-03	M30-O	O-04	M4-O	O-05	M4-O	O-06	M4-O	O-07	P19-1-O	
7/1/2025	0.13	13.69	-1.28	13.79	-2.06	13.41	0.15	15.60	-2.10	13.76	-1.00	15.00	0.30	15.61	1.21	9.67	Yes
7/2/2025	0.12	12.97	-2.01	12.92	-2.52	12.45	-0.49	13.34	-2.34	13.49	-1.20	14.76	0.15	15.62	2.19	9.22	Yes
7/3/2025	-0.33	12.36	-3.23	12.41	-3.56	12.29	0.31	13.44	-2.05	6.56	-1.25	7.25	-1.19	6.63	-0.37	8.36	Yes
7/4/2025	-0.23	8.50	-1.22	8.56	-2.24	8.48	0.22	9.47	-2.45	10.11	-1.29	10.88	-0.78	10.20	0.36	5.17	Yes
7/5/2025	-0.22	11.08	1.99	10.98	0.71	10.57	0.35	11.50	-2.61	12.68	-1.34	14.07	-0.96	13.83	-3.16	5.33	Yes
7/6/2025	-0.08	9.22	-1.00	9.24	-2.09	9.11	0.28	10.12	-2.41	11.29	-1.30	12.17	-0.82	11.59	0.12	5.41	Yes
7/7/2025	0.03	10.91	3.08	11.41	2.07	12.31	0.26	13.89	-0.69	15.71	-0.89	14.84	-0.72	13.75	-2.50	4.37	Yes
7/8/2025	-0.05	9.63	-0.27	9.85	-0.79	10.19	0.10	11.37	-2.00	12.88	-1.21	13.22	-0.78	12.46	-0.75	4.84	Yes
7/9/2025	0.09	1.76	0.67	2.14	0.44	2.96	-0.33	4.33	-1.54	12.87	-1.05	12.83	-0.77	11.96	-1.07	5.42	Yes
7/10/2025	0.20	8.78	0.17	9.40	0.33	10.74	-0.59	12.23	-1.00	13.89	-0.87	13.41	-0.80	12.40	-0.64	6.67	Yes
7/11/2025	-0.08	10.17	-0.71	10.34	-1.45	10.51	0.10	11.61	-2.14	11.93	-1.24	12.44	-0.83	11.79	0.06	6.59	Yes
7/12/2025	0.10	10.47	1.16	10.81	1.03	11.50	-0.13	12.81	-1.88	12.66	-1.13	12.71	-0.78	11.91	0.20	7.02	Yes
7/13/2025	-0.27	11.97	1.46	12.49	1.32	13.34	0.41	14.95	-0.72	15.17	-0.96	14.24	-0.76	13.24	-0.11	7.93	Yes
7/14/2025	0.07	13.64	1.28	14.68	1.36	15.57	3.01	16.66	2.58	14.45	1.02	13.86	-0.37	12.58	-4.09	5.77	Yes
7/15/2025	3.23	11.77	3.25	11.39	3.57	12.60	0.05	13.78	-4.30	12.82	-0.63	15.97	-0.61	15.11	3.16	6.02	Yes
7/16/2025	-0.33	11.23	-0.48	11.74	-1.22	12.56	-0.28	13.72	-6.53	13.00	-1.16	12.81	-0.92	12.18	0.89	8.19	Yes
7/17/2025	-0.25	11.49	-0.90	11.34	-0.51	13.22	-0.41	14.61	-9.99	14.82	-1.05	14.40	-0.81	13.51	-0.48	7.82	Yes
7/18/2025	0.24	12.58	-1.62	12.93	-2.20	14.09	-0.36	15.29	-8.77	14.18	-1.09	14.12	-0.83	13.32	1.51	9.94	Yes
7/19/2025	0.05	9.95	-4.50	10.21	-6.25	10.26	0.27	11.15	-11.26	10.63	-1.37	11.31	-0.85	10.77	3.48	9.35	Yes
7/20/2025	0.22	12.31	1.30	13.11	-0.53	13.49	-0.04	13.83	-9.89	12.87	-1.11	13.44	-0.91	12.79	-1.59	6.74	Yes
7/21/2025	-0.11	10.69	-3.52	11.01	-6.59	11.06	0.30	11.90	-12.32	11.27	-1.34	11.96	-0.85	11.41	1.99	5.06	Yes
7/22/2025	-0.31	14.72	0.13	14.32	-0.55	13.41	0.64	14.09	-11.28	13.43	-1.27	15.14	-1.14	15.02	-0.63	10.08	Yes
7/23/2025	-0.28	8.73	-1.24	8.86	-2.45	8.70	0.47	9.70	-14.93	8.43	-1.34	9.37	-0.84	8.83	0.32	5.61	Yes
7/24/2025	-0.06	17.93	7.30	16.68	4.01	14.47	0.97	14.75	-22.76	13.84	-1.02	16.87	-1.55	17.32	-9.05	5.19	Yes
7/25/2025	0.23	18.80	-6.00	17.93	-7.61	15.95	0.94	16.13	-23.23	15.56	-1.05	18.36	-1.42	18.68	4.64	13.86	Yes
7/26/2025	-0.32	8.50	-2.10	8.44	-3.47	8.03	0.58	8.91	-23.36	8.89	-1.27	10.02	-0.91	9.52	0.85	5.56	Yes
7/27/2025	-0.23	8.05	-0.77	8.07	-1.87	7.90	0.53	8.92	-19.84	9.04	-1.20	9.92	-0.82	9.27	-0.31	6.07	Yes
7/28/2025	-0.11	13.41	0.57	12.89	-0.17	11.85	0.78	12.51	-1.48	12.08	-0.76	13.93	-1.14	13.76	-2.60	6.96	Yes
7/29/2025	0.32	22.44	10.40	20.92	7.39	18.43	1.15	18.60	-2.04	18.01	-0.67	21.28	-1.65	21.96	-11.97	5.98	Yes
7/30/2025	0.33	28.87	-0.20	27.07	-2.65	23.84	1.35	23.61	-1.82	23.04	-0.60	27.04	-1.87	28.12	-2.42	21.36	Yes
7/31/2025	0.25	23.74	-2.39	22.41	-3.48	20.44	0.36	20.19	-2.41	20.27	-0.66	23.16	-1.55	23.73	-0.32	18.10	Yes

Notes:

All measurements in elevation above mean sea level.

NA or NM = Not measured or otherwise not applicable

WL Diff. = Water level difference

POC = point of compliance

(1) The difference in water elevations is evaluated across the entire well triplets (i.e., from pumping well to POC well).

Q3 2025 HYDRAULIC GRADIENT
DAILY WATER LEVEL DIFFERENCE FOR WELL PAIRINGS AND TRIPLETS
FLORENCE COPPER LLC
FLORENCE, ARIZONA

Table 5. August 2025 Daily Average Water Level Differences

Date	R-01 Triplet		R-02 Triplet		R-03 Triplet		R-04 Triplet		R-05 Triplet		R-06 Triplet		R-07 Triplet		R-08 Triplet		All Gradients >1 foot?(1)
	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	
	R-01	R-01	R-02	R-02	R-03	R-03	R-04	R-04	R-05	R-05	R-06	R-06	R-07	R-07	R-08	R-08	
	O-07	M30-O	O-01	M30-O	O-02	M30-O	O-03	M30-O	O-04	M4-O	O-05	M4-O	O-06	M4-O	O-07	P19-1-O	
8/1/2025	0.24	29.88	-0.95	27.90	-3.24	25.09	0.33	24.32	-2.54	24.18	-0.56	27.93	-1.89	29.05	-1.73	22.79	Yes
8/2/2025	0.26	28.62	-4.21	27.07	-5.97	24.79	0.22	24.13	-2.06	23.50	-0.60	26.78	-1.67	27.59	1.94	24.48	Yes
8/3/2025	0.24	12.61	-4.03	12.41	-5.18	12.53	-0.35	12.93	-1.43	13.04	-0.81	13.93	-0.86	13.37	3.15	10.11	Yes
8/4/2025	0.45	11.43	-1.16	11.22	-1.79	11.40	-0.37	11.86	-1.58	12.16	-0.77	12.97	-0.87	12.37	0.53	6.79	Yes
8/5/2025	0.37	21.67	8.38	20.21	6.06	18.62	0.10	18.47	-1.48	18.45	-0.69	20.95	-1.52	21.43	-10.36	6.36	Yes
8/6/2025	0.23	30.32	-0.42	28.36	-2.42	25.74	0.38	25.06	-1.95	25.01	-0.59	28.56	-1.84	29.63	-2.36	18.27	Yes
8/7/2025	0.53	31.20	-2.05	29.14	-4.27	26.30	0.45	25.50	-1.55	24.91	-0.58	28.69	-1.92	29.90	-0.45	20.84	Yes
8/8/2025	0.58	18.06	-10.93	17.52	-11.74	16.93	-0.10	16.94	-1.21	16.68	-0.75	18.31	-1.09	18.18	8.74	20.98	Yes
8/9/2025	0.37	12.33	-1.78	12.10	-2.40	12.25	-0.27	12.68	-1.21	12.95	-0.79	13.81	-0.88	13.23	0.93	7.89	Yes
8/10/2025	0.29	11.47	0.15	11.29	-0.54	11.57	-0.30	12.08	-1.00	12.14	-0.77	12.95	-0.85	12.29	-0.54	6.00	Yes
8/11/2025	0.21	10.99	-1.78	10.84	-3.05	11.14	-0.29	11.66	-0.91	12.94	-0.77	13.73	-0.81	13.10	-0.36	5.97	Yes
8/12/2025	0.24	10.94	-0.83	10.79	-1.31	11.12	-0.28	11.68	-0.76	12.25	-0.77	13.00	-0.85	12.32	-0.02	6.17	Yes
8/13/2025	0.26	10.59	-1.33	10.43	-1.94	10.77	-0.29	11.33	-0.77	10.87	-0.75	11.65	-0.82	10.98	-0.41	5.59	Yes
8/14/2025	0.49	16.16	5.37	15.46	5.62	14.83	-0.04	14.90	-0.87	14.20	-0.65	15.78	-1.16	15.56	-6.66	4.62	Yes
8/15/2025	0.12	11.08	-2.62	10.93	-3.69	11.19	-0.23	11.67	-1.80	11.56	-0.75	12.45	-0.84	11.83	0.50	6.89	Yes
8/16/2025	0.19	10.35	-1.25	10.23	-2.37	10.53	-0.24	11.10	-2.16	11.35	-0.78	12.13	-0.82	11.49	-0.32	5.42	Yes
8/17/2025	0.13	10.29	0.01	10.15	-2.01	10.48	-0.23	11.04	-2.53	11.28	-0.74	12.10	-0.81	11.43	-0.88	5.32	Yes
8/18/2025	-0.10	10.08	-1.12	9.96	-1.63	10.28	-0.21	10.84	-2.79	11.16	-0.73	11.96	-0.84	11.31	-0.54	5.12	Yes
8/19/2025	-0.29	9.76	-1.83	9.62	-3.24	9.93	-0.19	10.51	-2.89	11.04	-0.73	11.85	-0.82	11.21	-0.66	4.65	Yes
8/20/2025	-0.34	8.53	-1.51	8.37	-2.00	8.60	-0.17	9.12	-3.00	9.51	-0.75	10.37	-0.50	9.78	-0.35	14.50	Yes
8/21/2025	-0.48	5.38	-1.19	5.19	-1.91	5.39	-0.15	5.88	-2.31	5.13	-0.73	6.07	-1.54	5.50	-0.84	2.64	Yes
8/22/2025	0.44	21.61	12.95	19.78	9.90	17.05	0.54	16.21	-1.60	15.20	-0.39	18.54	-2.84	19.24	-16.45	14.71	Yes
8/23/2025	0.79	31.90	0.04	29.74	-3.65	26.10	0.80	24.74	-2.48	23.19	-0.32	27.45	-3.08	28.61	-4.28	22.75	Yes
8/24/2025	0.79	27.50	-7.06	26.05	-8.99	23.60	0.58	22.77	-10.67	19.72	-0.50	23.05	-2.68	23.70	3.92	24.98	Yes
8/25/2025	-0.04	12.61	-3.99	12.32	-4.88	12.14	0.05	12.47	5.26	13.27	-0.76	14.53	-2.02	14.12	1.95	9.10	Yes
8/26/2025	-0.04	10.49	-1.38	10.32	-1.80	10.44	-0.01	10.94	5.27	10.43	-0.73	11.44	-1.93	10.87	-0.39	1.60	Yes
8/27/2025	-0.05	9.49	-1.01	9.37	-1.61	9.60	-0.04	10.15	5.32	10.02	-0.73	10.91	-1.92	10.26	-0.59	3.84	Yes
8/28/2025	0.64	24.19	12.55	22.56	9.28	20.16	0.57	19.51	4.94	19.74	-0.45	22.79	-2.71	23.34	-14.91	3.82	Yes
8/29/2025	0.55	25.67	-7.88	24.47	-9.98	22.44	0.56	21.78	4.87	21.60	-0.53	24.63	-2.54	25.11	4.63	23.91	Yes
8/30/2025	-0.33	12.27	-3.66	12.01	-4.56	11.92	0.11	12.31	5.24	13.60	-0.76	14.80	-1.97	14.36	1.50	8.48	Yes
8/31/2025	-0.25	6.20	-1.51	6.01	-2.17	6.15	0.06	10.50	5.35	11.81	-0.77	12.76	-1.90	12.20	-0.42	5.07	Yes

Notes:

All measurements in elevation above mean sea level.

NA or NM = Not measured or otherwise not available

WL Diff. = Water level difference

POC = point of compliance

(1) The difference in water elevations is evaluated across the entire well triplets (i.e., from pumping well to POC well).

Q3 2025 HYDRAULIC GRADIENT

DAILY WATER LEVEL DIFFERENCE FOR WELL PAIRINGS AND TRIPLETS

FLORENCE COPPER LLC

FLORENCE, ARIZONA

Table 6. September 2025 Daily Average Water Level Differences

Date	R-01 Triplet		R-02 Triplet		R-03 Triplet		R-04 Triplet		R-05 Triplet		R-06 Triplet		R-07 Triplet		R-08 Triplet		All Gradients >1 foot?(1)
	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation well WL Diff.	Pumping Well to POC Well WL Diff.	
	R-01		R-02		R-03		R-04		R-05		R-06		R-07		R-08		
	O-07	M30-O	O-01	M30-O	O-02	M30-O	O-03	M30-O	O-04	M4-O	O-05	M4-O	O-06	M4-O	O-07	P19-1-O	
9/1/2025	-0.11	9.39	-1.10	9.25	-1.71	9.50	0.03	10.05	5.39	11.76	-0.79	12.58	-1.87	12.00	0.03	4.81	Yes
9/2/2025	0.04	9.36	-0.89	9.22	-1.52	9.54	0.02	10.10	0.12	11.76	-0.79	12.59	-1.82	12.00	-0.10	4.56	Yes
9/3/2025	-1.02	7.40	-0.89	7.01	-1.80	7.24	-0.79	7.97	-0.66	9.33	-0.45	10.20	-1.84	9.32	-1.95	3.87	Yes
9/4/2025	-0.03	9.27	-0.99	9.17	-1.53	9.48	0.03	10.08	4.60	11.77	-0.71	12.65	-1.84	11.97	-0.09	4.59	Yes
9/5/2025	-0.54	9.57	-0.72	9.53	-1.17	9.88	0.04	10.51	-5.79	12.04	-0.74	12.86	-1.78	12.19	-0.79	4.71	Yes
9/6/2025	-0.19	11.17	2.04	12.59	1.61	12.95	0.71	12.09	-9.53	11.59	0.11	14.51	-2.55	14.81	-1.75	4.90	Yes
9/7/2025	-7.27	14.08	12.64	22.95	10.69	21.82	3.42	17.94	-12.04	15.07	0.86	18.88	-20.96	24.61	-11.93	4.74	Yes
9/8/2025	-0.46	9.61	-0.76	9.60	-1.23	9.96	0.07	10.61	-7.20	10.92	-0.71	11.77	-1.77	11.11	-0.42	5.03	Yes
9/9/2025	-0.44	9.50	-0.51	9.46	-1.09	9.82	0.08	10.46	-7.31	10.65	-0.68	11.52	-1.74	10.84	-0.48	4.93	Yes
9/10/2025	-0.40	9.44	-0.81	9.38	-1.09	9.72	0.08	10.37	-8.17	10.46	-0.69	11.33	-1.75	10.66	-0.37	5.01	Yes
9/11/2025	-0.28	9.31	-0.80	9.25	-1.28	9.61	0.09	10.26	-8.12	10.25	-0.68	11.09	-1.79	10.40	-0.44	4.69	Yes
9/12/2025	-0.39	8.38	-1.61	8.34	-2.10	8.65	0.11	9.24	-9.47	9.03	-0.71	9.94	-1.78	9.33	0.48	4.80	Yes
9/13/2025	-0.09	6.83	-2.27	6.77	-2.88	6.99	0.12	7.56	-10.35	7.62	-0.71	8.62	-1.82	8.05	1.15	3.78	Yes
9/14/2025	0.02	6.31	-0.86	6.21	-1.51	6.46	0.11	7.04	-12.25	7.70	-0.72	8.62	-1.80	8.04	0.01	2.34	Yes
9/15/2025	-0.36	7.68	0.41	7.60	0.00	7.95	0.10	8.58	-12.19	8.97	-0.71	9.84	-1.77	9.20	-1.88	1.99	Yes
9/16/2025	-0.35	7.77	-1.57	7.67	-3.52	7.98	0.11	8.58	-12.30	8.80	-0.73	9.74	-1.86	9.15	-0.20	3.71	Yes
9/17/2025	0.07	10.14	-0.15	9.62	-0.92	9.25	0.31	9.57	-12.14	6.57	-0.47	8.14	-2.36	7.66	-1.62	4.32	Yes
9/18/2025	-0.24	11.11	-1.63	10.88	-2.59	10.60	0.32	10.93	-11.07	10.70	-0.94	12.13	-1.37	12.08	-0.07	6.86	Yes
9/19/2025	0.14	7.24	-2.01	7.09	-2.69	7.27	0.22	7.79	-11.43	7.85	-0.77	8.86	-1.71	8.37	1.05	3.82	Yes
9/20/2025	0.23	4.06	-2.02	3.93	-2.68	4.13	0.21	4.68	-12.27	4.28	-0.75	5.32	-1.83	4.79	1.17	2.90	Yes
9/21/2025	0.16	3.45	-4.25	3.32	-3.28	3.52	0.24	4.11	-10.91	3.60	-0.72	4.60	-1.81	4.04	0.53	2.07	Yes
9/22/2025	-0.21	3.22	-0.91	3.10	-1.19	3.31	0.24	3.89	-9.60	2.66	-0.70	4.52	-1.83	3.96	-0.55	2.11	Yes
9/23/2025	-0.46	2.76	-0.77	2.64	-1.37	2.84	0.26	3.43	-7.64	2.22	-0.71	3.23	-1.81	2.66	-0.64	0.49	No
9/24/2025	-0.86	6.22	2.74	6.37	1.40	5.72	0.43	6.06	-8.47	6.27	-0.86	7.84	-1.79	7.86	-4.47	1.01	Yes
9/25/2025	0.08	3.05	-1.86	2.84	-2.58	2.95	0.31	3.47	-11.74	4.07	-0.70	5.18	-1.75	4.65	0.84	1.87	Yes
9/26/2025	-0.25	4.81	NA	5.25	NA	4.80	0.33	5.29	-10.35	4.69	-0.72	5.83	-1.90	5.37	NA	NA	Yes
9/27/2025	0.05	4.05	NA	4.27	NA	4.01	0.29	4.53	-8.56	3.35	-0.73	4.42	-1.86	3.90	NA	NA	Yes
9/28/2025	-3.88	3.43	NA	3.32	NA	3.01	-0.75	3.59	-0.53	4.85	-0.46	5.83	-1.84	4.98	NA	NA	Yes
9/29/2025	-1.03	3.53	NA	3.55	NA	3.20	-0.57	3.83	-0.37	6.52	-0.57	7.32	-1.97	6.41	NA	NA	Yes
9/30/2025	-0.40	9.49	NA	7.08	NA	6.81	-0.45	7.07	0.20	10.31	-2.43	9.32	-2.51	10.87	NA	NA	Yes

Notes:

All measurements in elevation above mean sea level.

N/A = Not measured or otherwise not available

WL Diff. = Water level difference

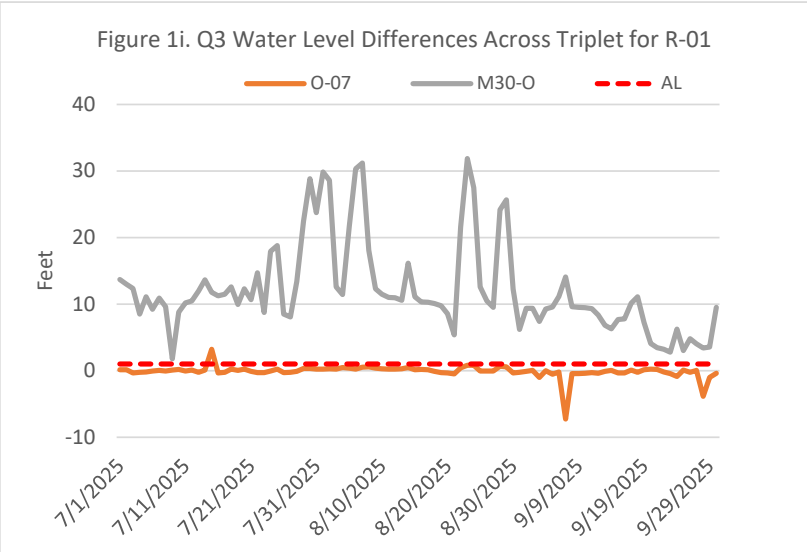
POC = point of compliance

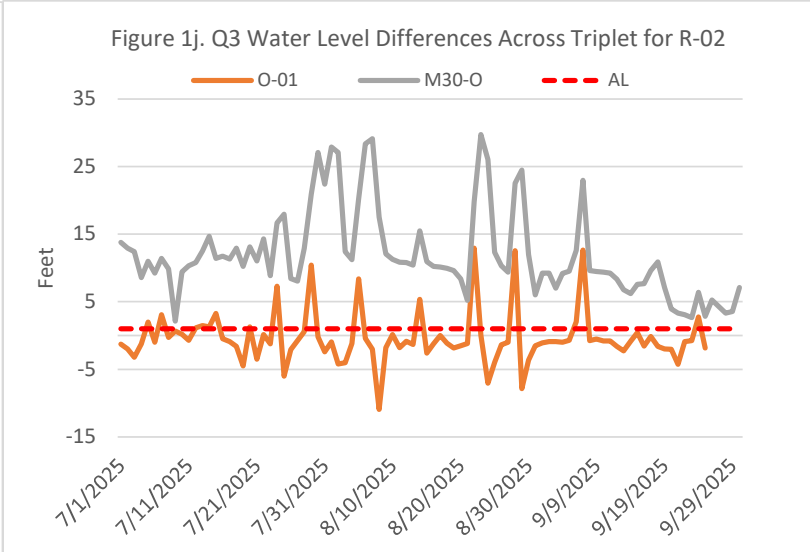
(1) The difference in water elevations is evaluated across the entire well triplets (i.e., from pumping well to POC well).

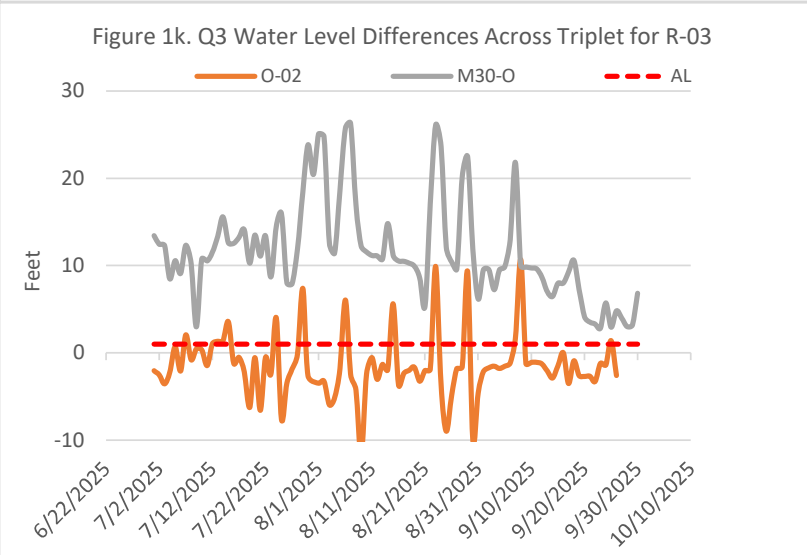
No data were availible for the following dates/wells:

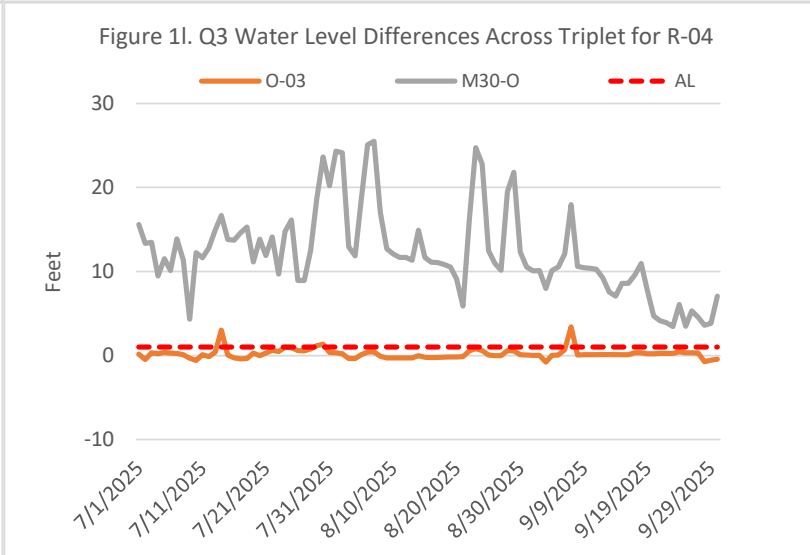
O-01 and O-02 offline due to construction from 9/26/25 to 9/30/25

Hydraulic Gradient - Daily Average Water Level Elevations - Observation and Recovery Wells





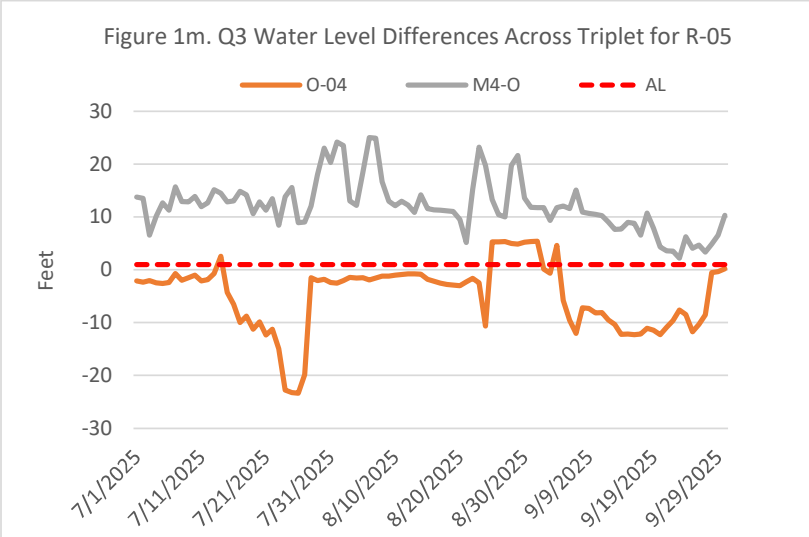


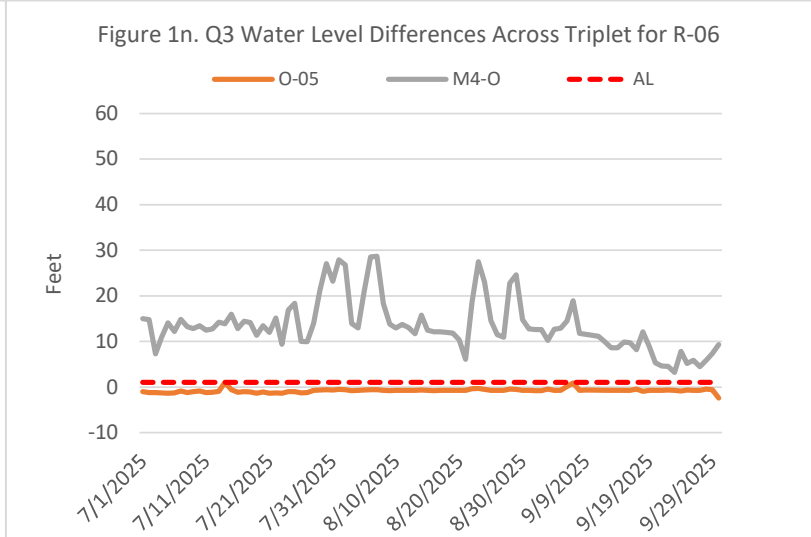


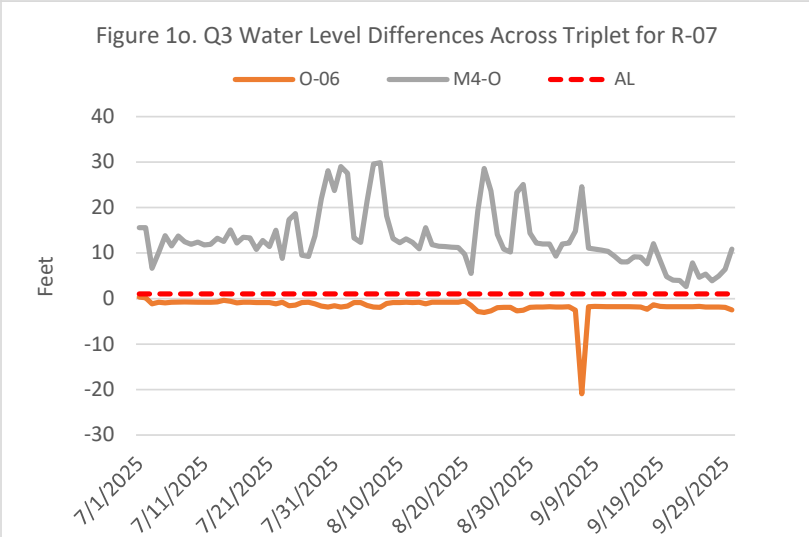
Notes:

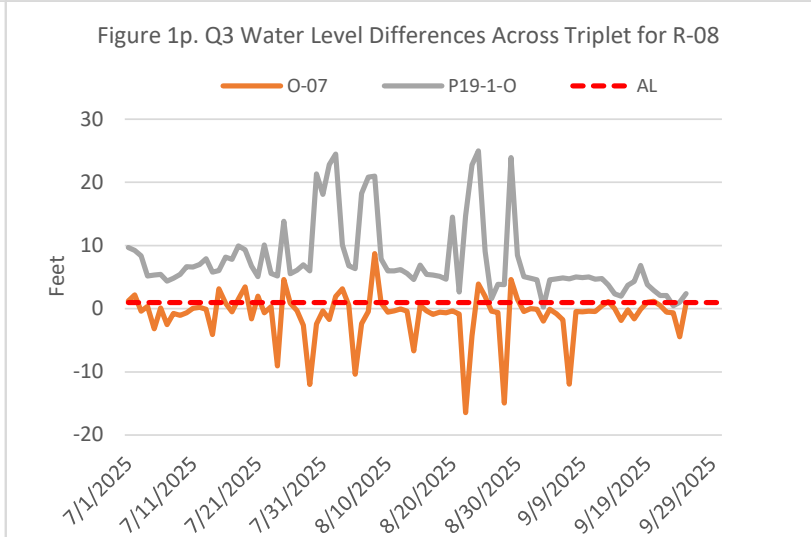
Refer to preceding Daily Average Water Level Elevations Table (Tables 4-6) for details on missing data points.

Hydraulic Gradient - Daily Average Water Level Elevations - Observation and Recovery Wells









Notes:

Refer to preceding Daily Average Water Level Elevations Table (Tables 4-6) for details on missing data points.

ATTACHMENT 4

Table and Graphs of Fluid Electrical Conductivity Measurements

(Placeholder – Not Applicable for this Monitoring Period)

ATTACHMENT 5

Table and Graphs of Monitor Well Water Levels and Analytical Results

5A. Quarterly Concentration Graphs

5B. Well Details and Water Level Elevations

5C. Groundwater Monitoring Summary

ATTACHMENT 5A

Quarterly Concentration Graphs

M14-GL Quarterly Analyte Graphs

Figure 1a. Temperature, Field

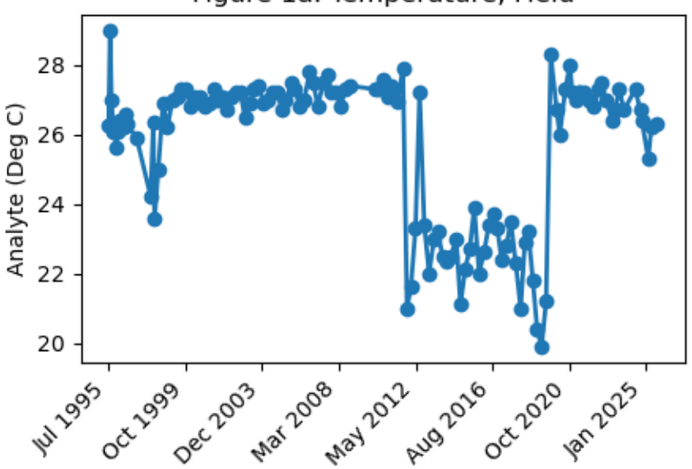


Figure 1b. pH, Field

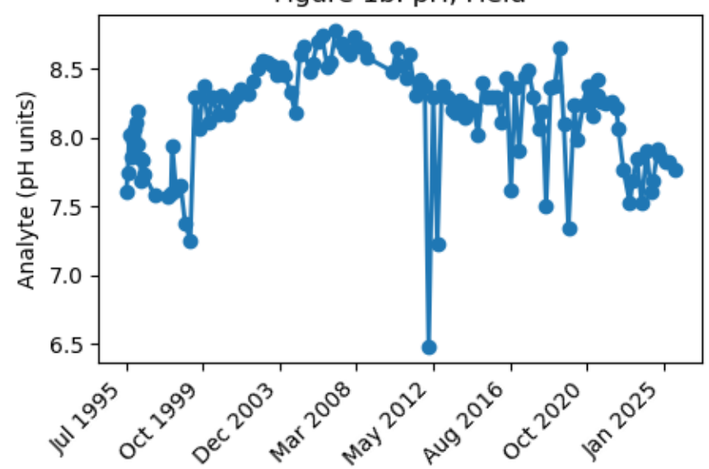


Figure 1c. Specific Conductance, Field

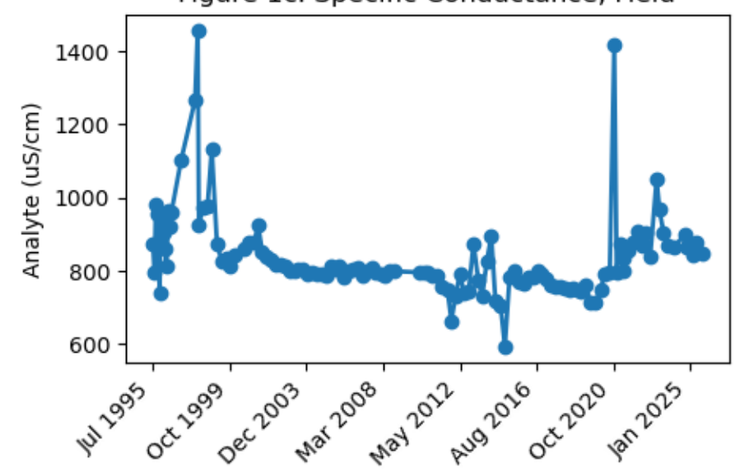


Figure 1d. Magnesium

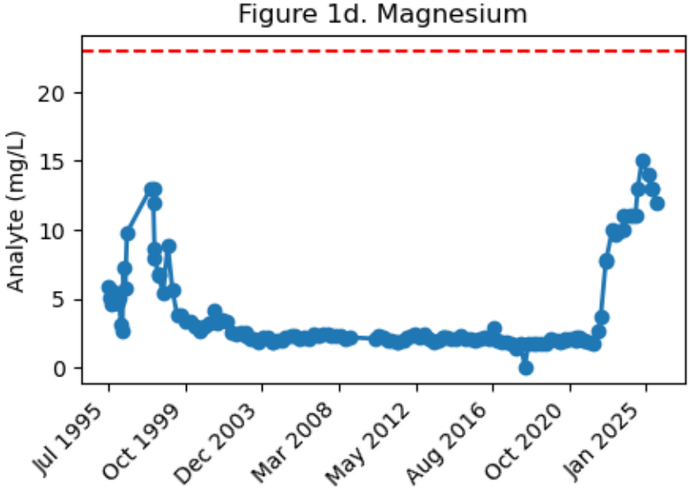


Figure 1e. Sulfate

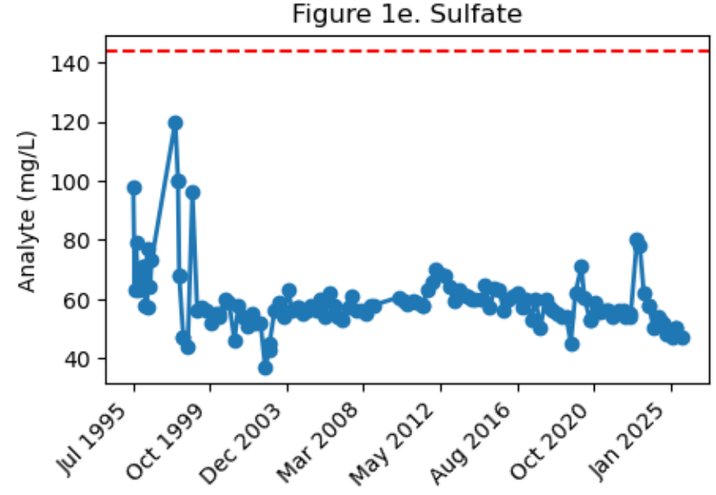


Figure 1f. Fluoride

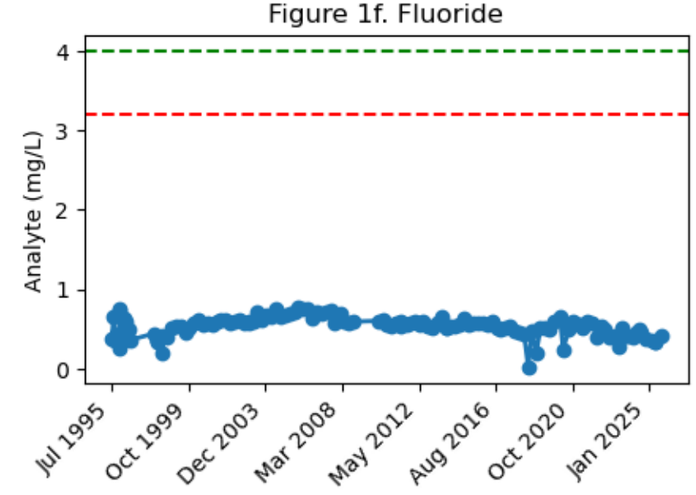
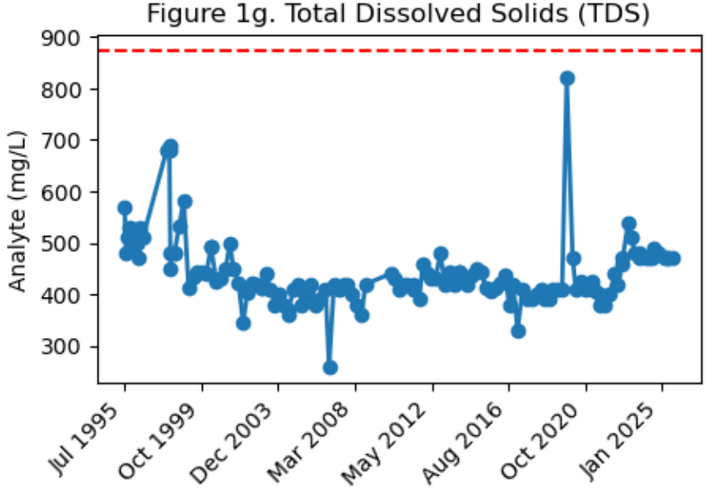


Figure 1g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M15-GU Quarterly Analyte Graphs

Figure 2a. Temperature, Field

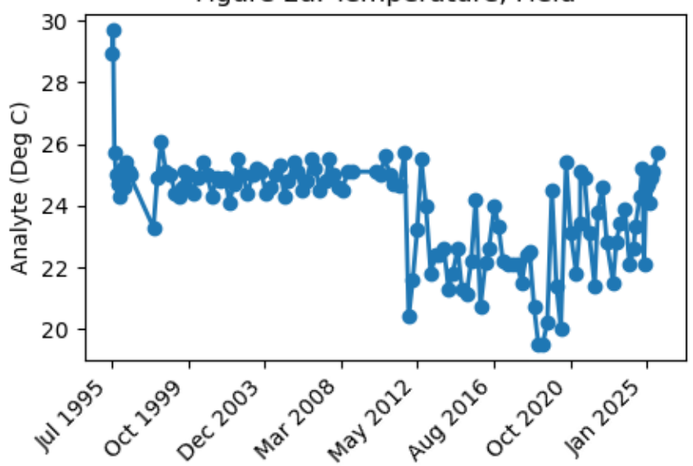


Figure 2b. pH, Field

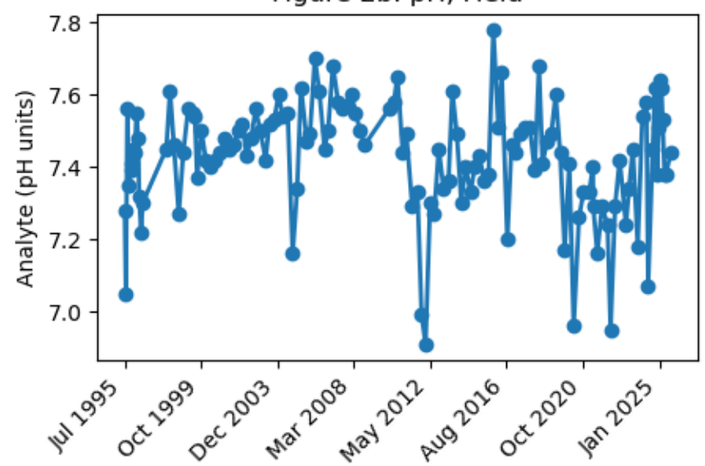


Figure 2c. Specific Conductance, Field

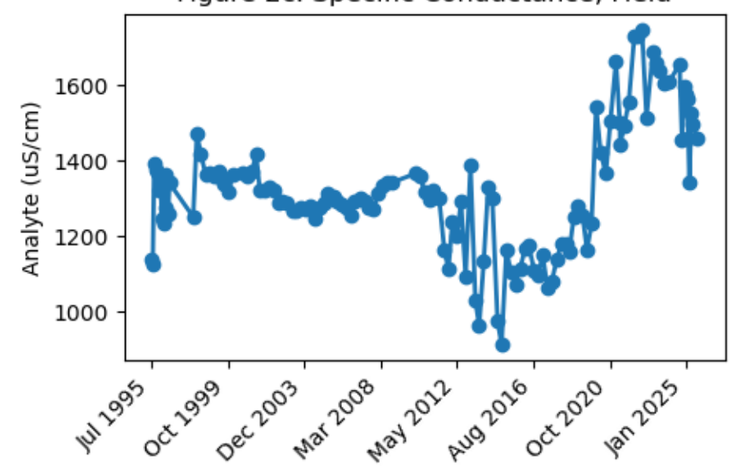


Figure 2d. Magnesium

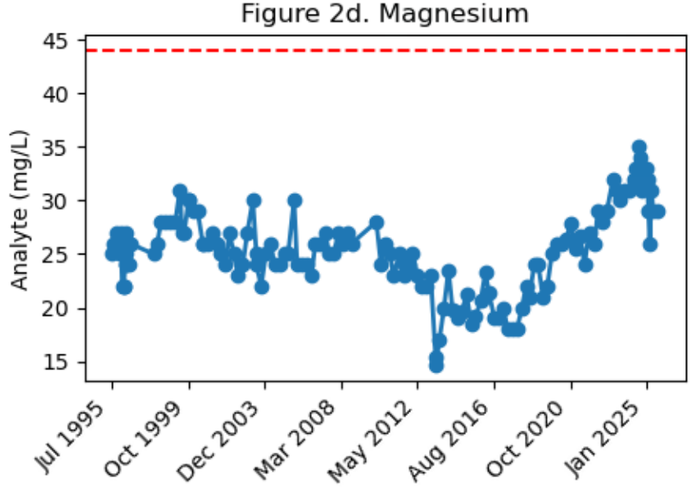


Figure 2e. Sulfate

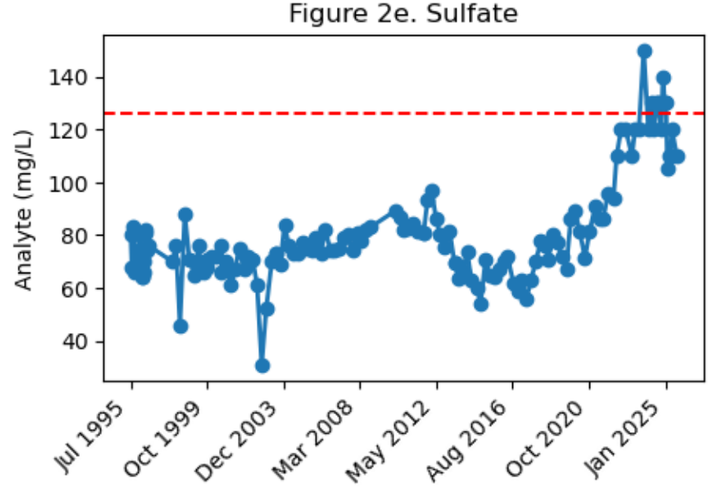


Figure 2f. Fluoride

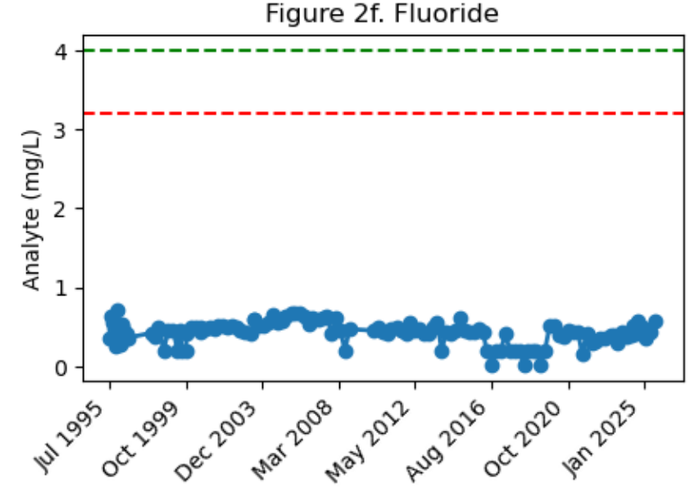
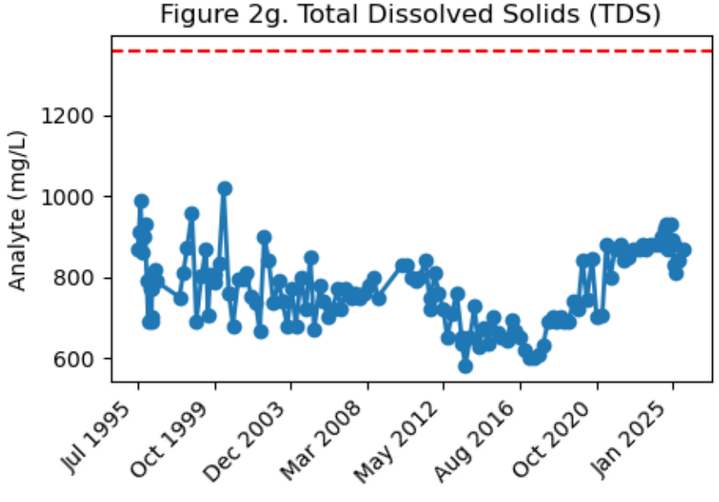


Figure 2g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M16-GU(R) Quarterly Analyte Graphs

Figure 3a. Temperature, Field

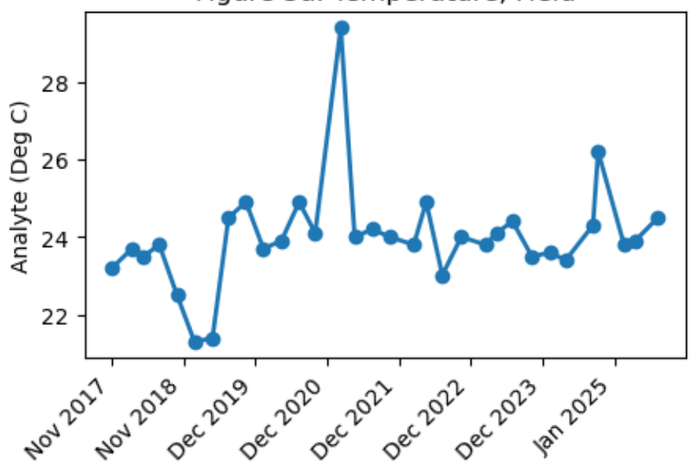


Figure 3b. pH, Field

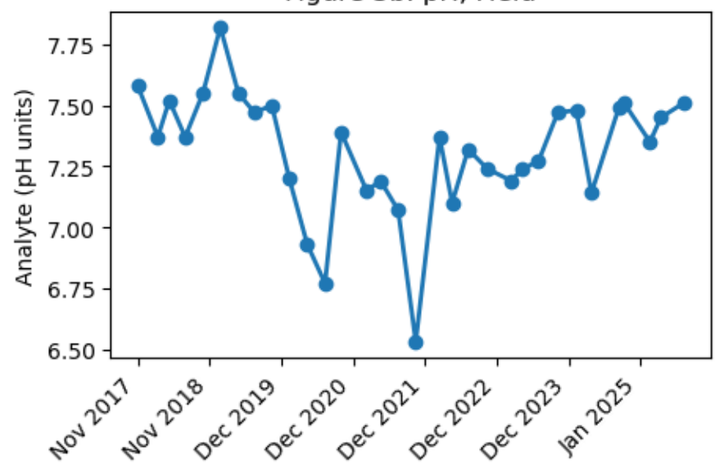


Figure 3c. Specific Conductance, Field

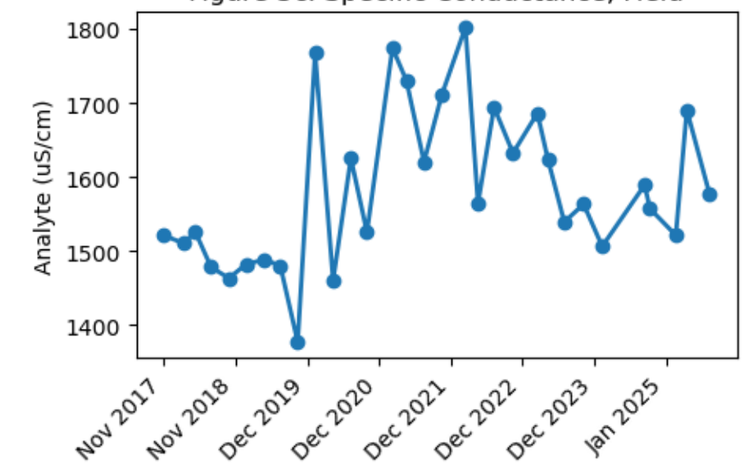


Figure 3d. Magnesium

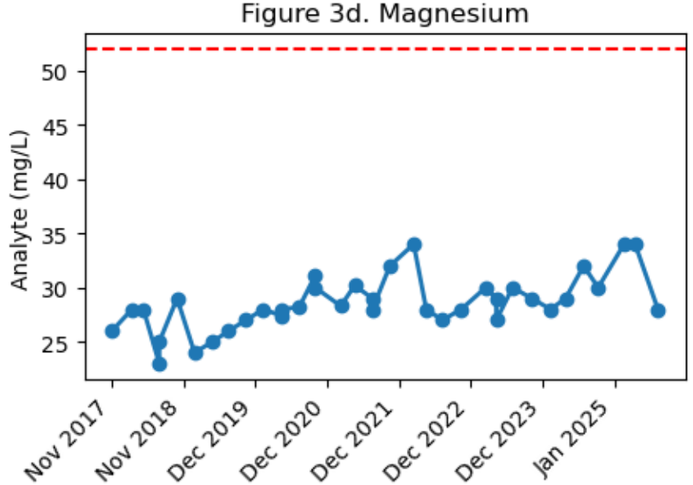


Figure 3e. Sulfate

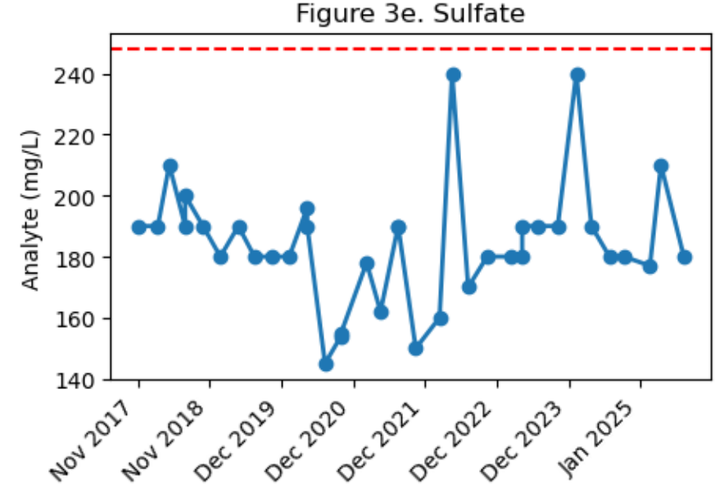


Figure 3f. Fluoride

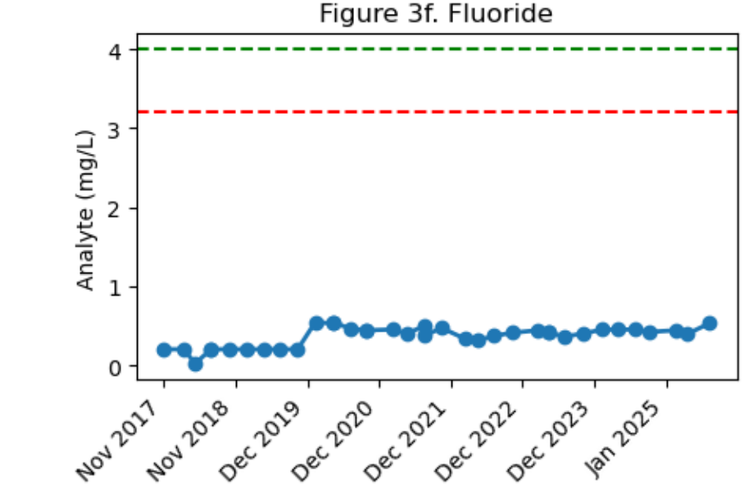
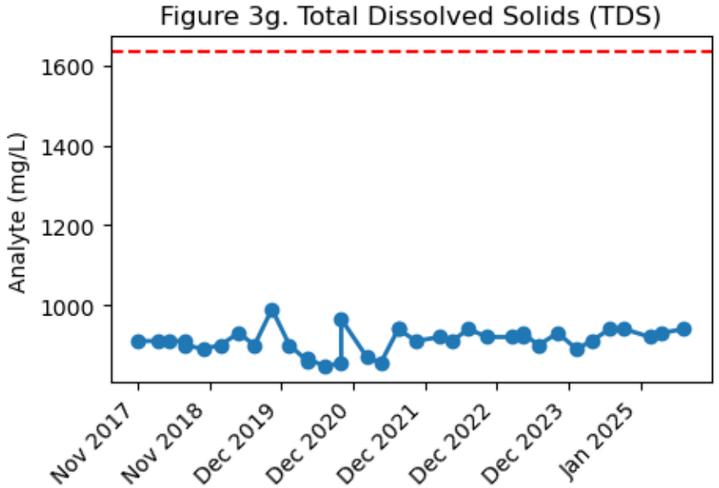


Figure 3g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M17-GL Quarterly Analyte Graphs

Figure 4a. Temperature, Field

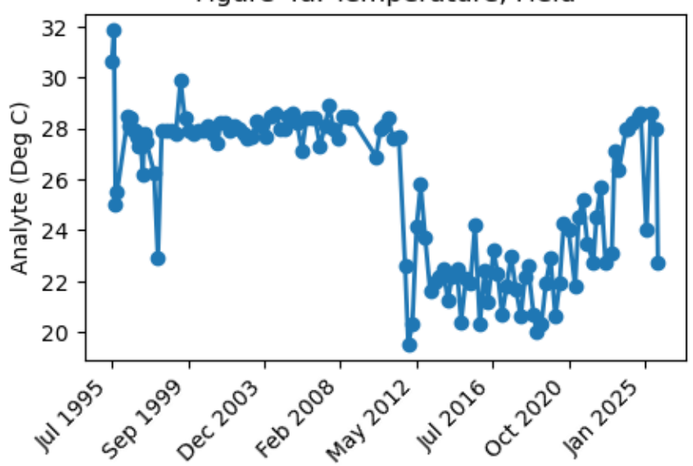


Figure 4b. pH, Field

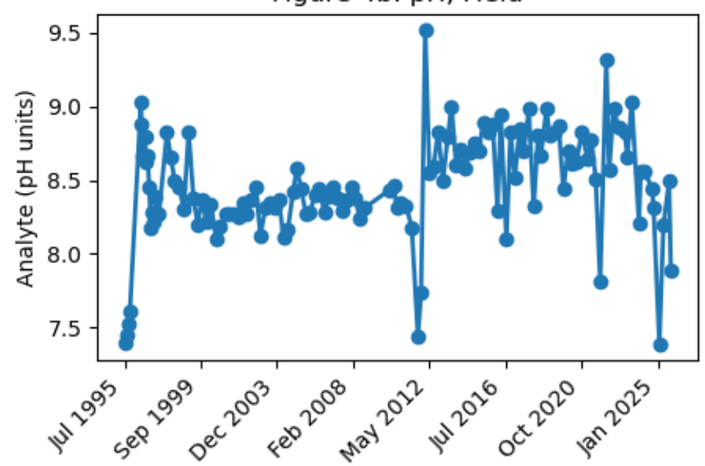


Figure 4c. Specific Conductance, Field

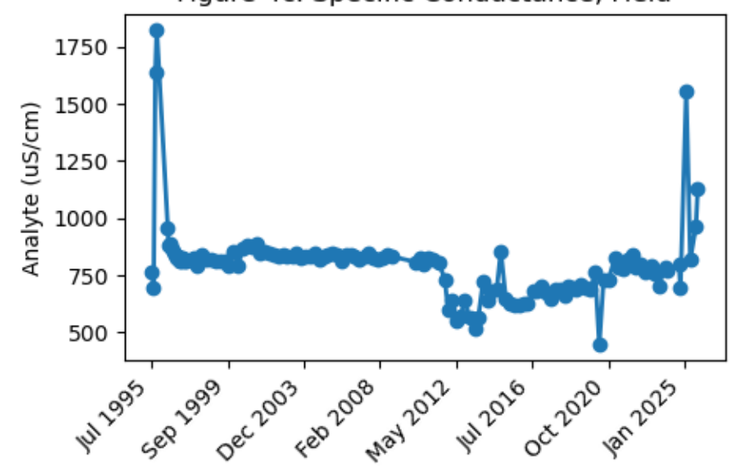


Figure 4d. Magnesium

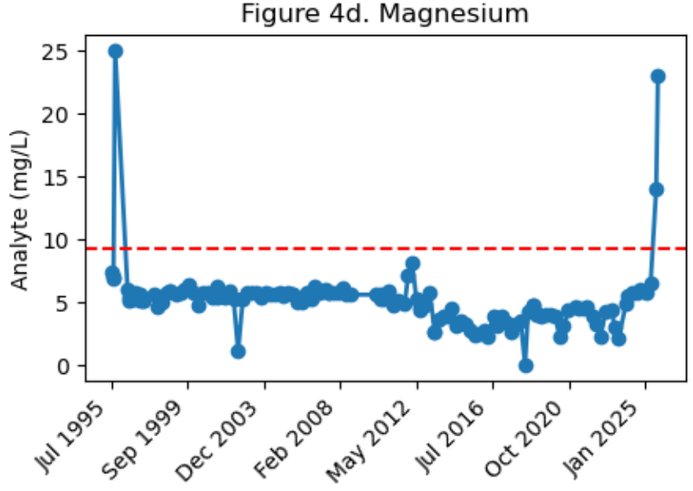


Figure 4e. Sulfate

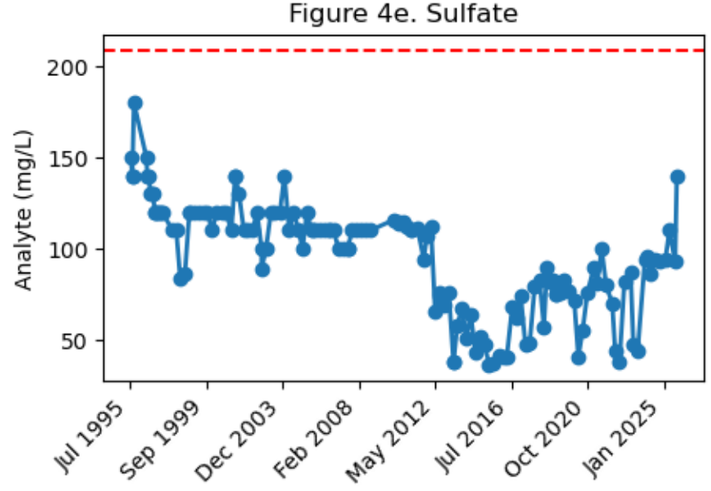


Figure 4f. Fluoride

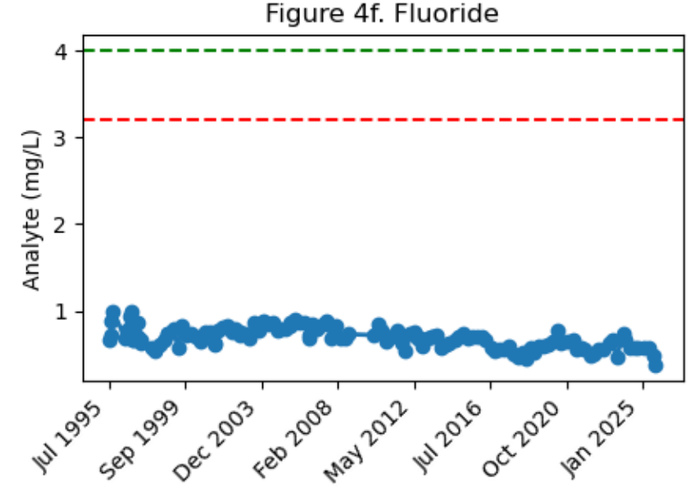
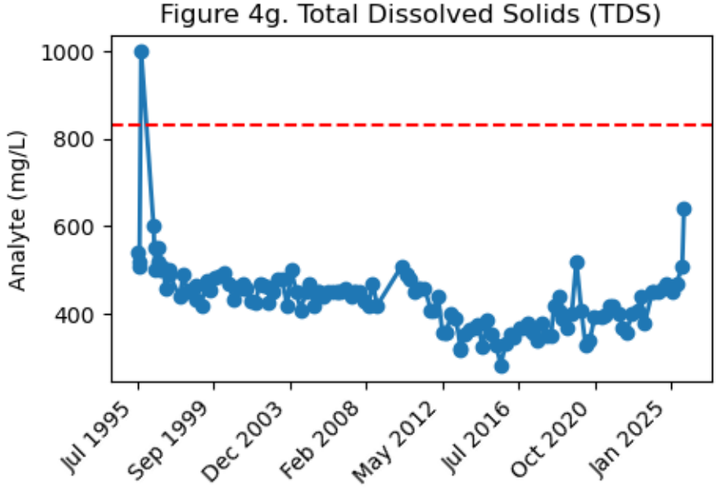


Figure 4g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M18-GU Quarterly Analyte Graphs

Figure 5a. Temperature, Field

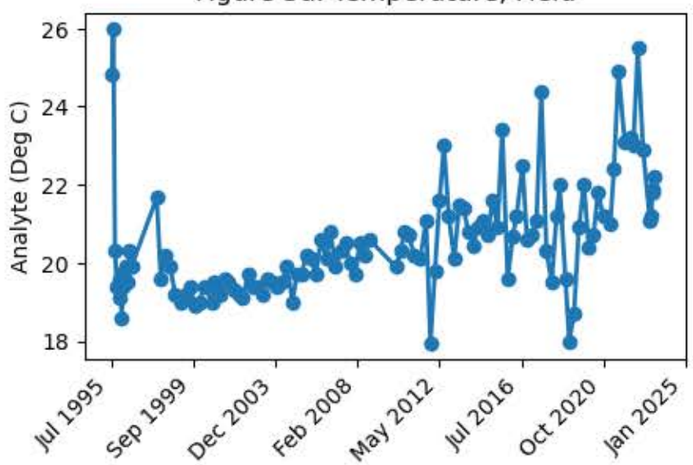


Figure 5b. pH, Field

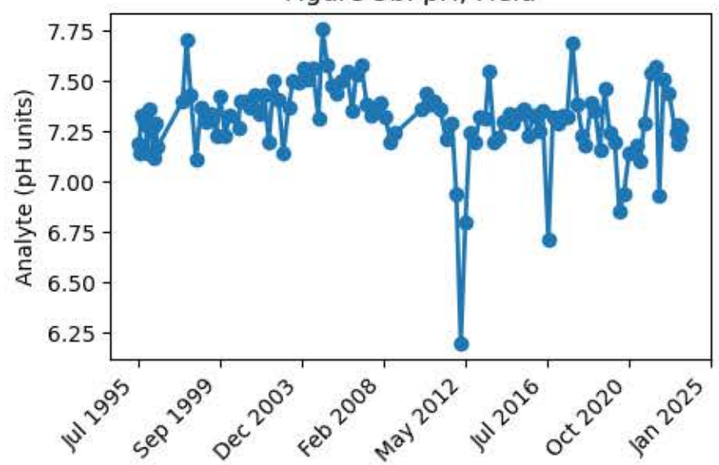


Figure 5c. Specific Conductance, Field

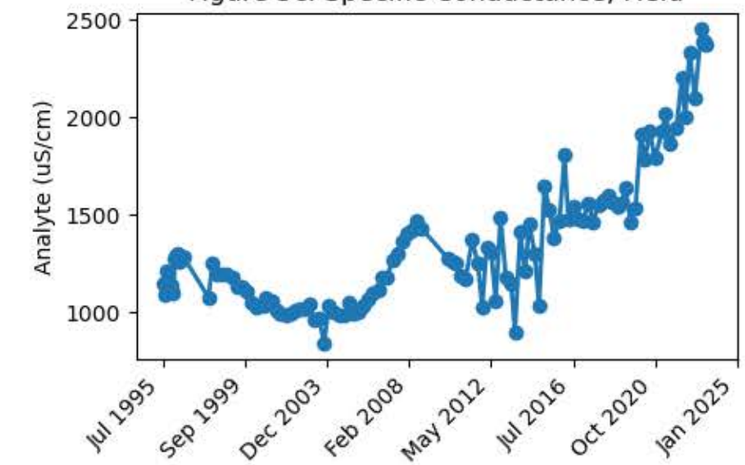


Figure 5d. Magnesium

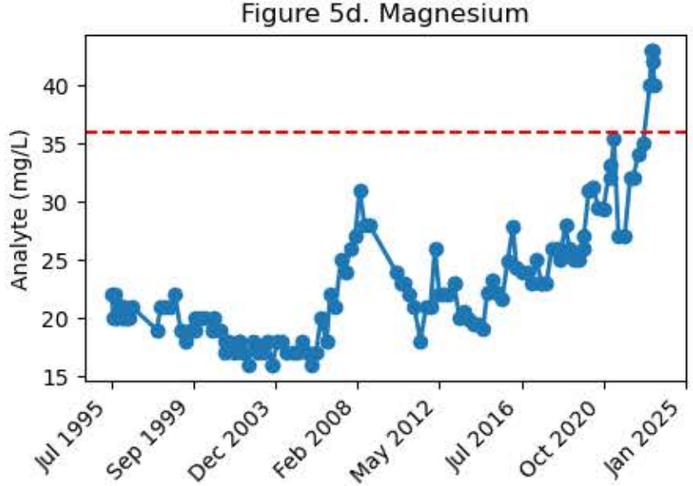


Figure 5e. Sulfate

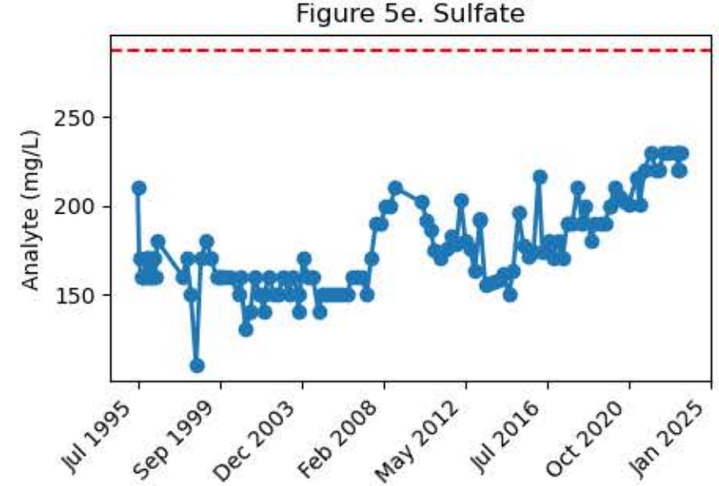


Figure 5f. Fluoride

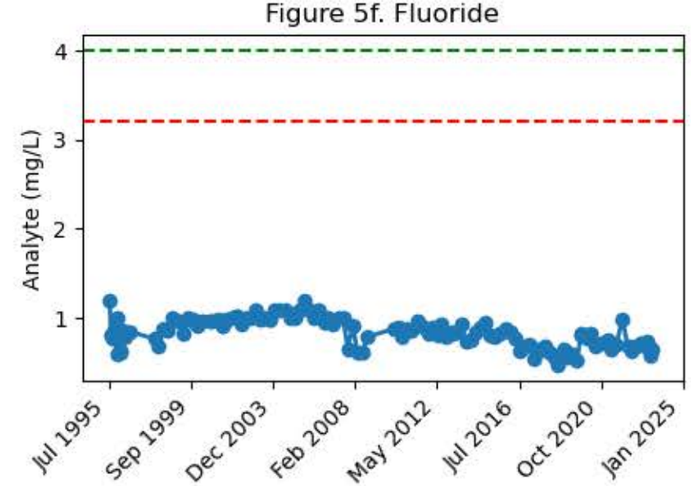
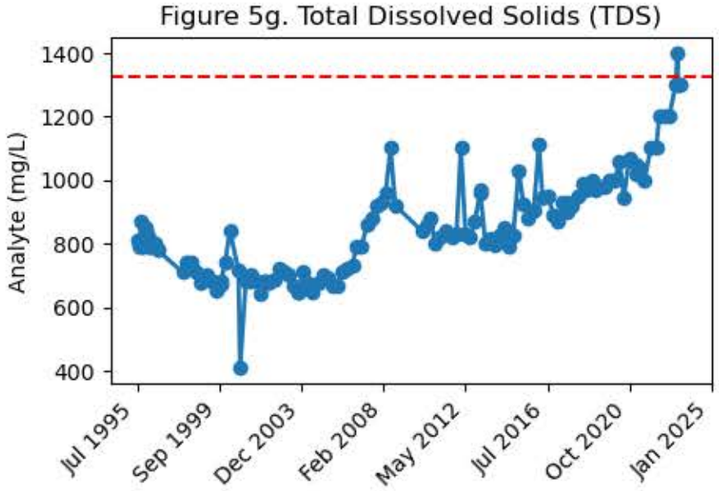


Figure 5g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M19-LBF Quarterly Analyte Graphs

Figure 6a. Temperature, Field

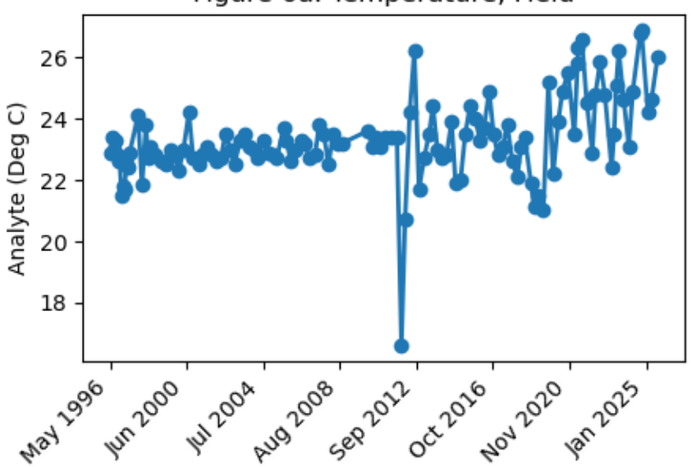


Figure 6b. pH, Field

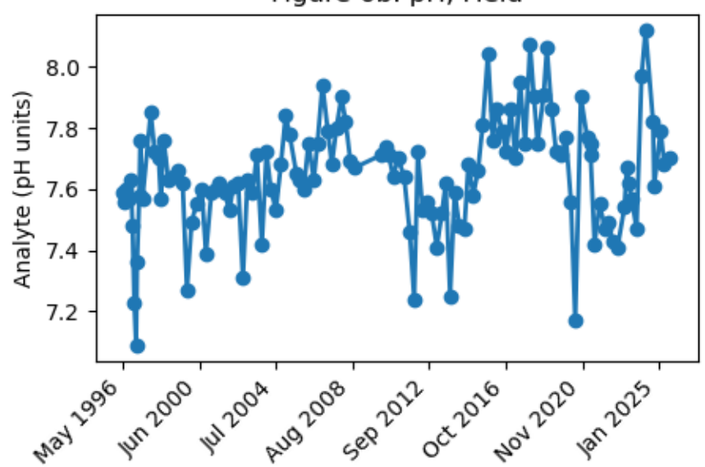


Figure 6c. Specific Conductance, Field

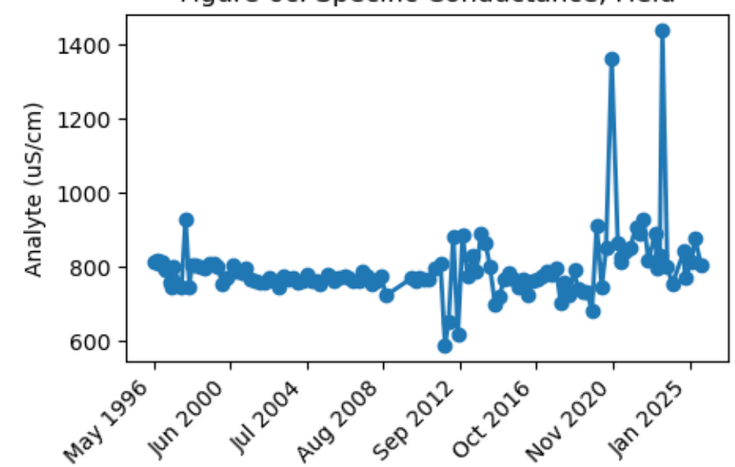


Figure 6d. Magnesium

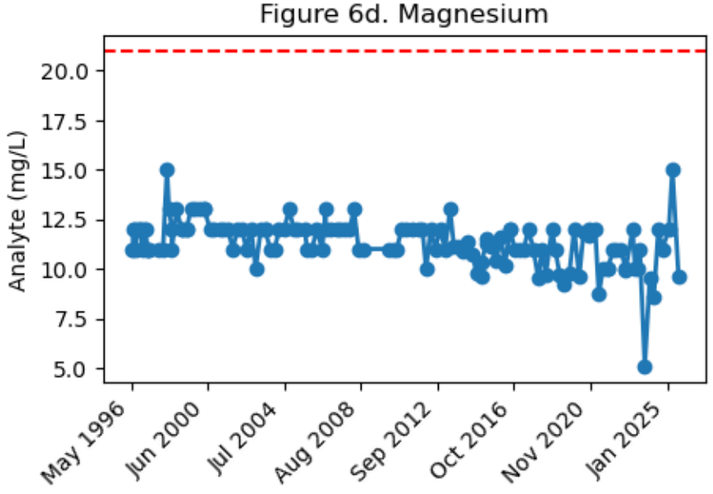


Figure 6e. Sulfate

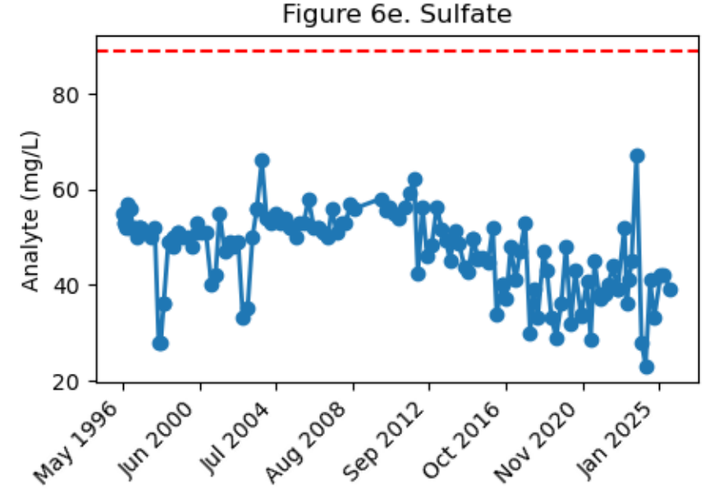


Figure 6f. Fluoride

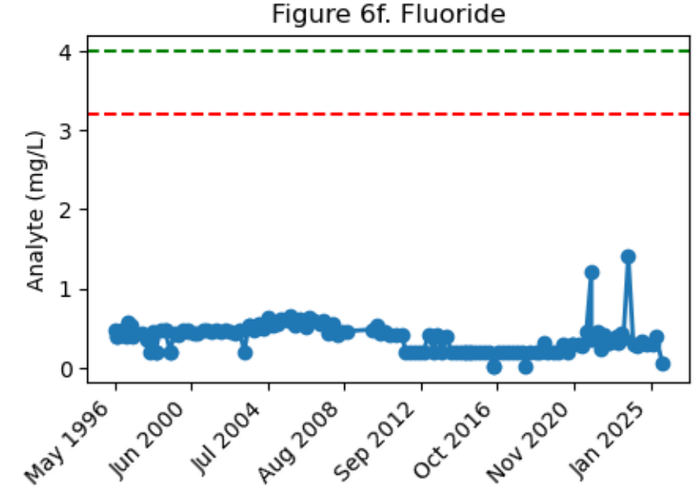
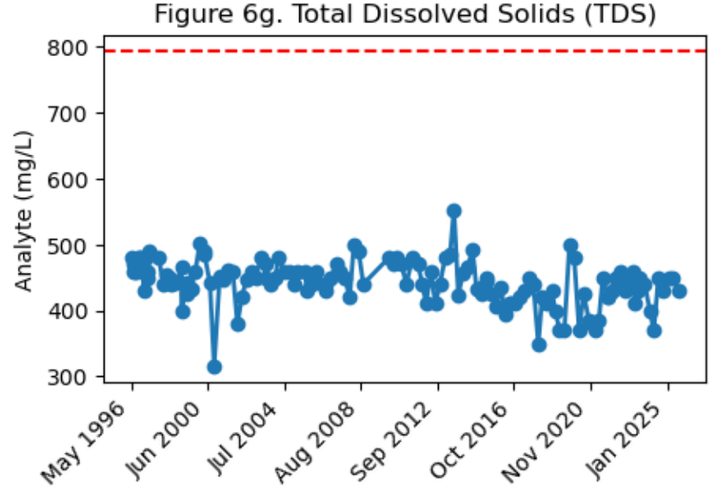


Figure 6g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M1-GL Quarterly Analyte Graphs

Figure 7a. Temperature, Field

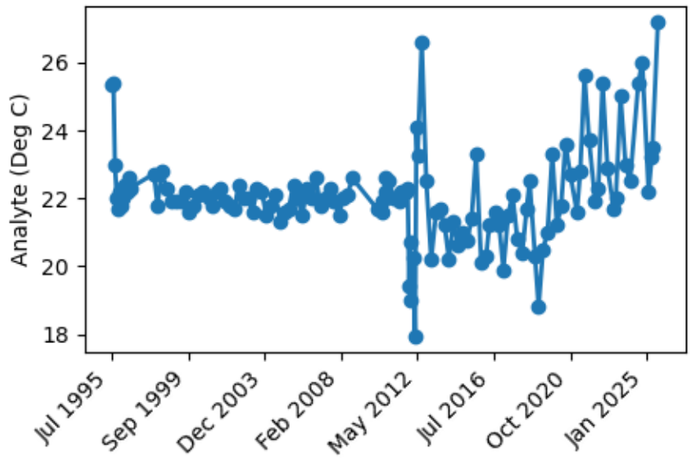


Figure 7b. pH, Field

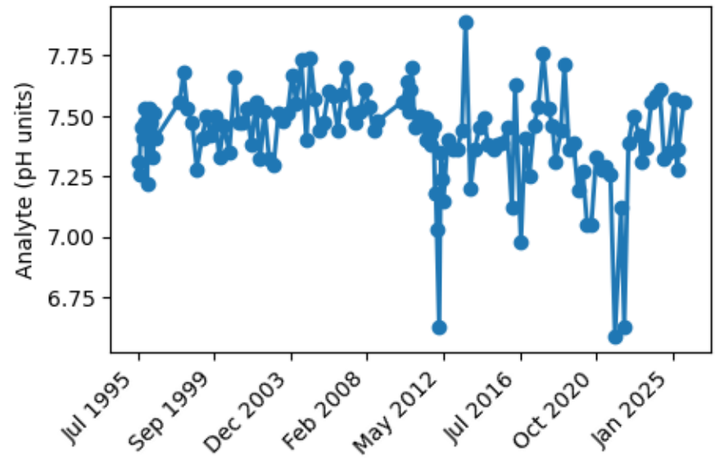


Figure 7c. Specific Conductance, Field

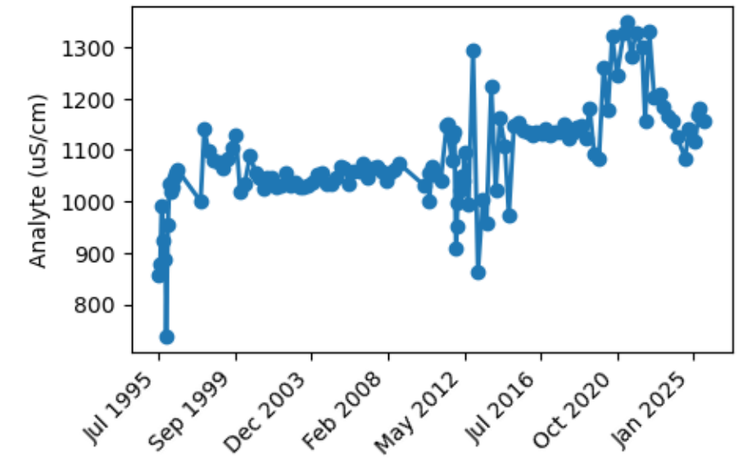


Figure 7d. Magnesium

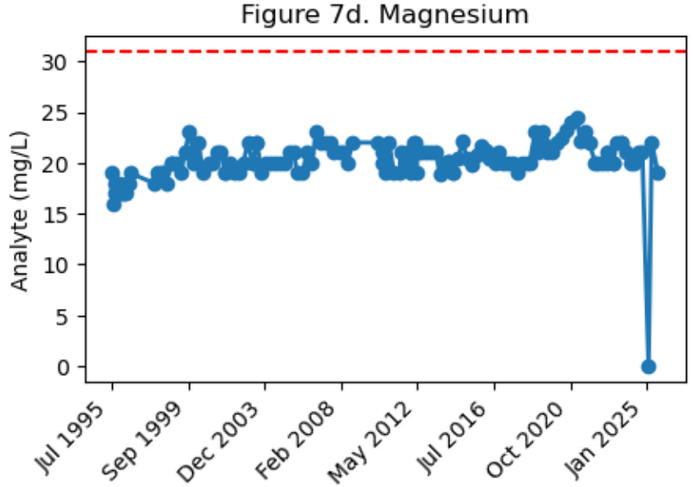


Figure 7e. Sulfate

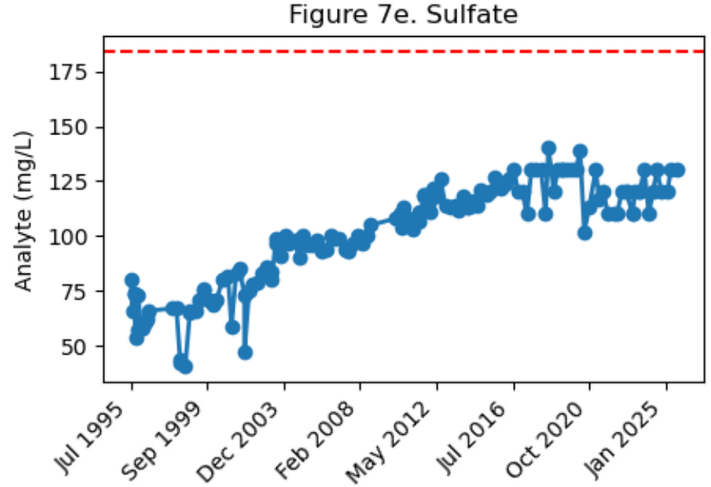


Figure 7f. Fluoride

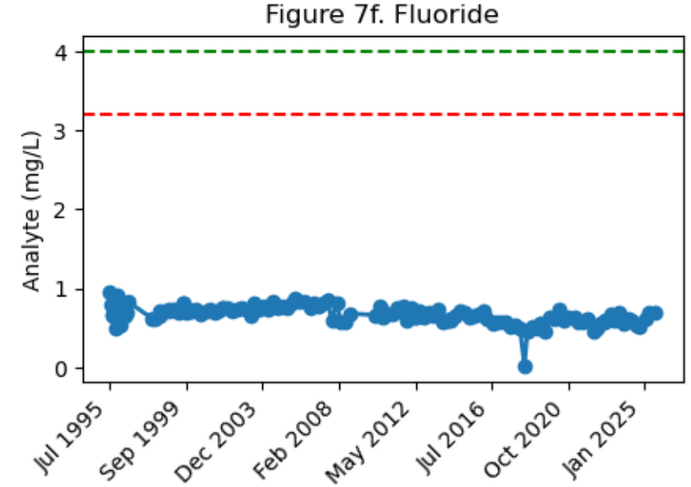
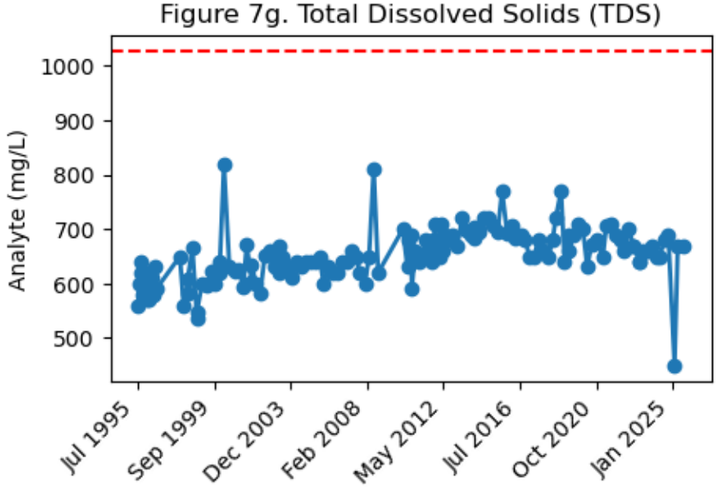


Figure 7g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M20-O(R) Quarterly Analyte Graphs

Figure 8a. Temperature, Field

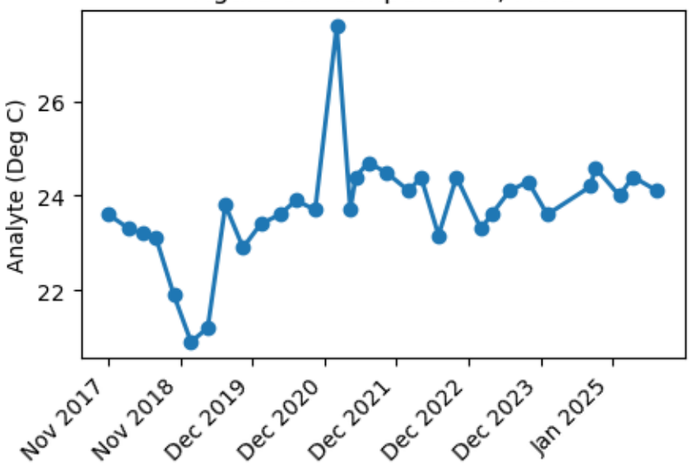


Figure 8b. pH, Field

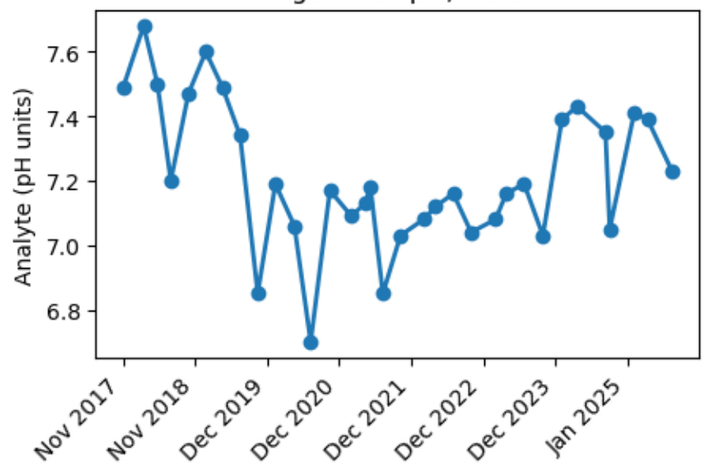


Figure 8c. Specific Conductance, Field

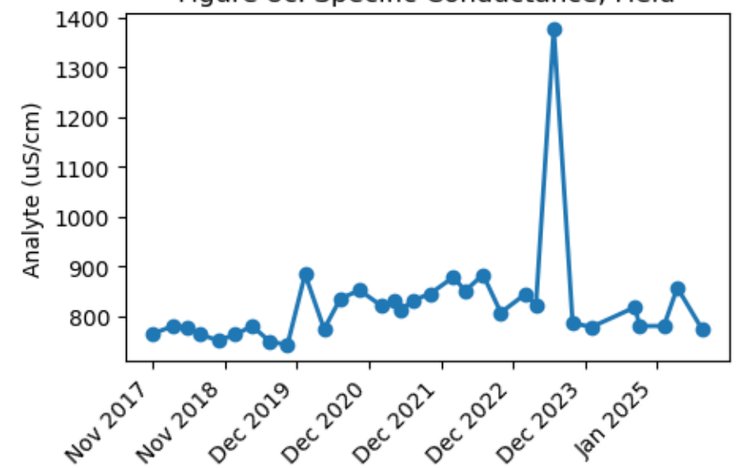


Figure 8d. Magnesium

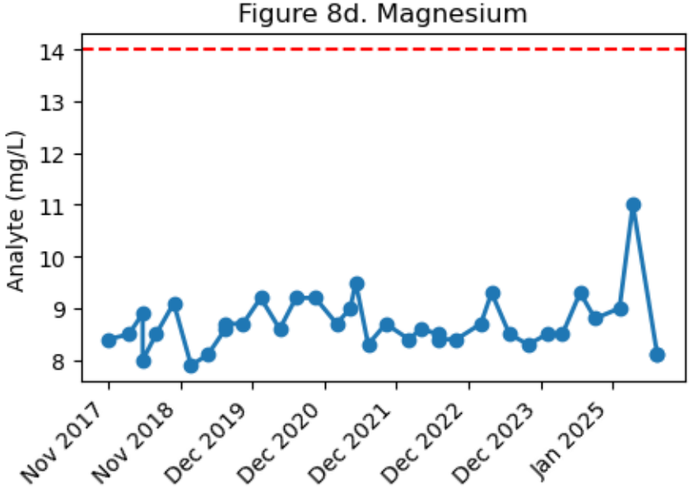


Figure 8e. Sulfate

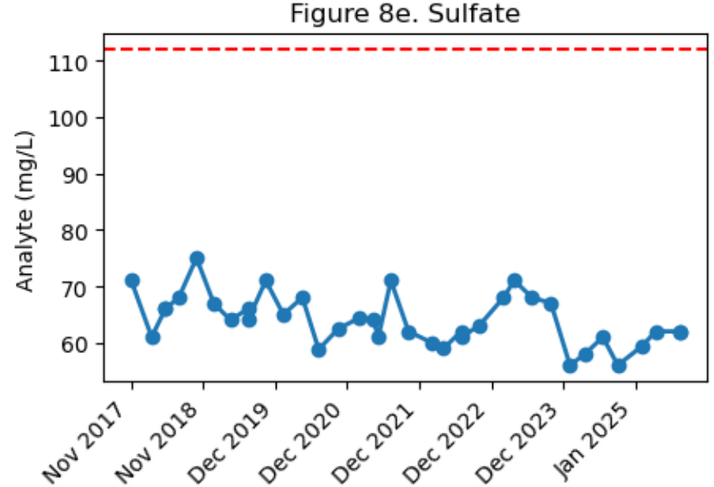


Figure 8f. Fluoride

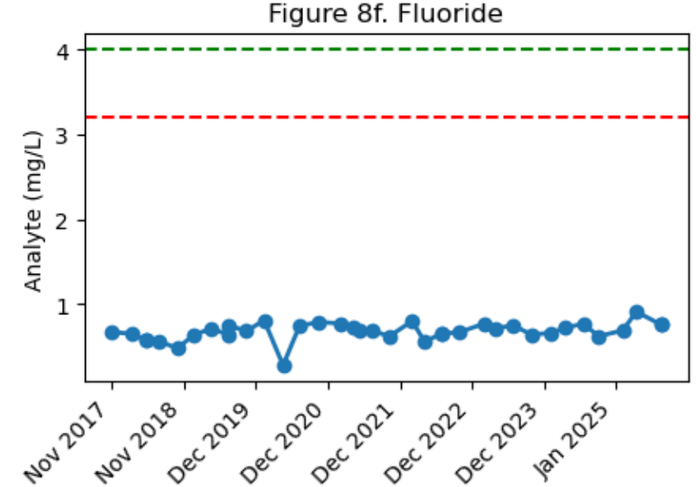
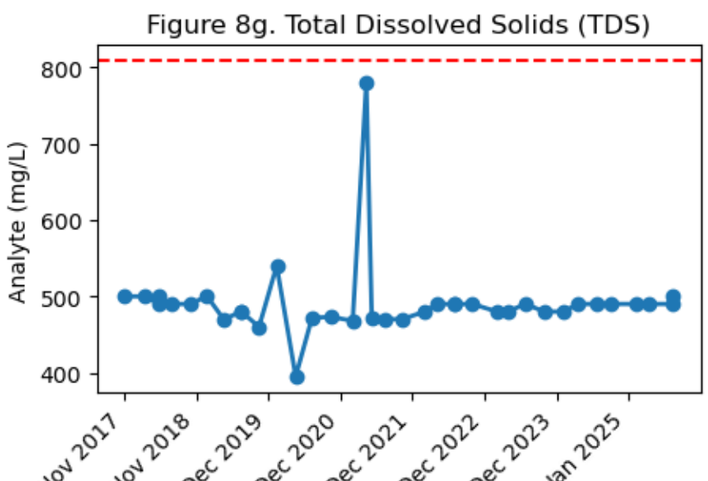


Figure 8g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M21-UBF Quarterly Analyte Graphs

Figure 9a. Temperature, Field

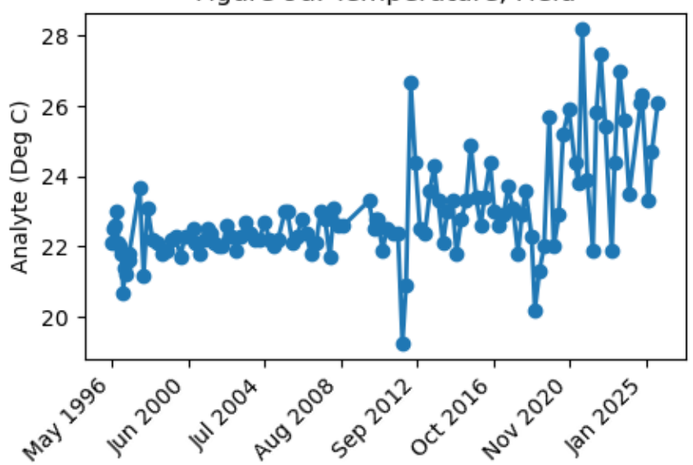


Figure 9b. pH, Field

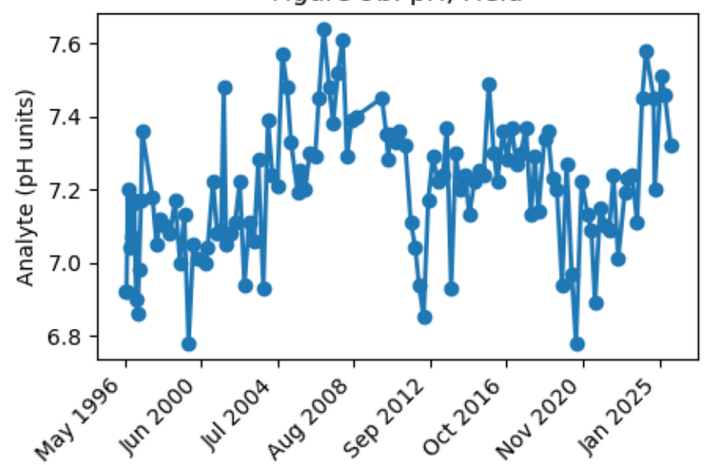


Figure 9c. Specific Conductance, Field

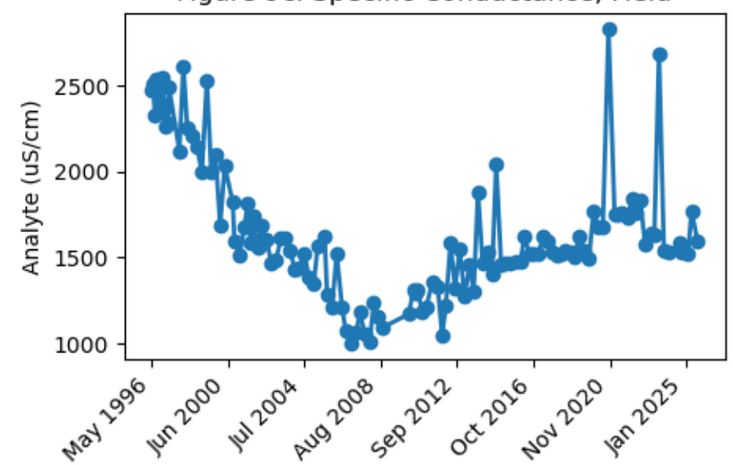


Figure 9d. Magnesium

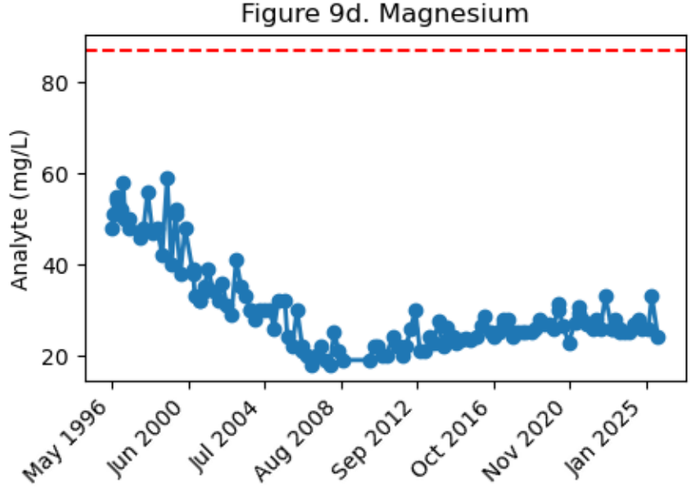


Figure 9e. Sulfate

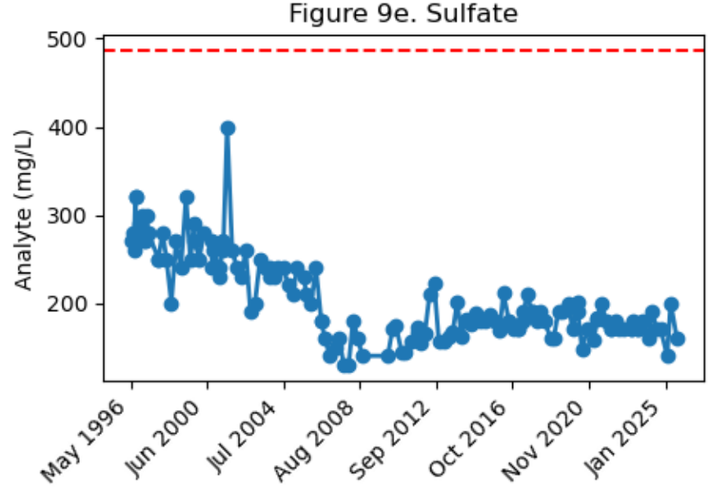


Figure 9f. Fluoride

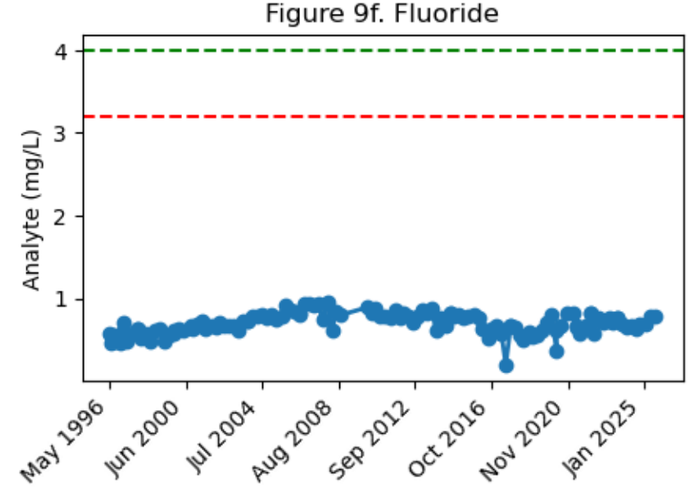
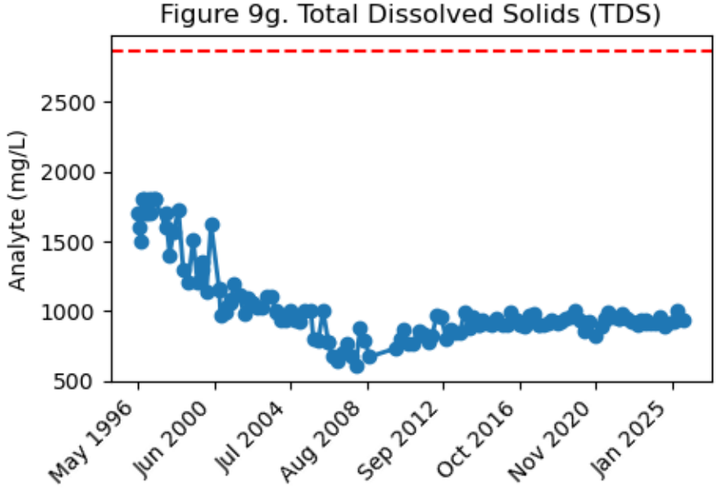


Figure 9g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M22-O Quarterly Analyte Graphs

Figure 10a. Temperature, Field

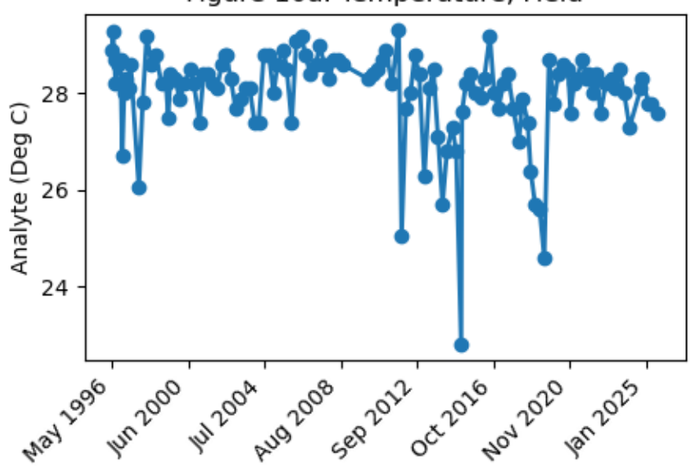


Figure 10b. pH, Field

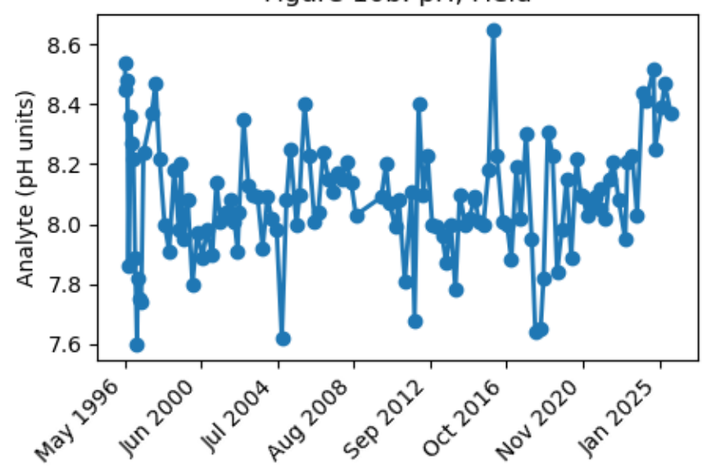


Figure 10c. Specific Conductance, Field

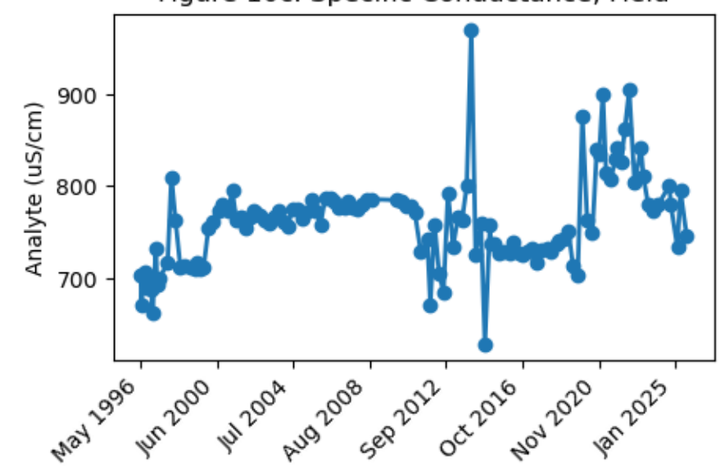


Figure 10d. Magnesium

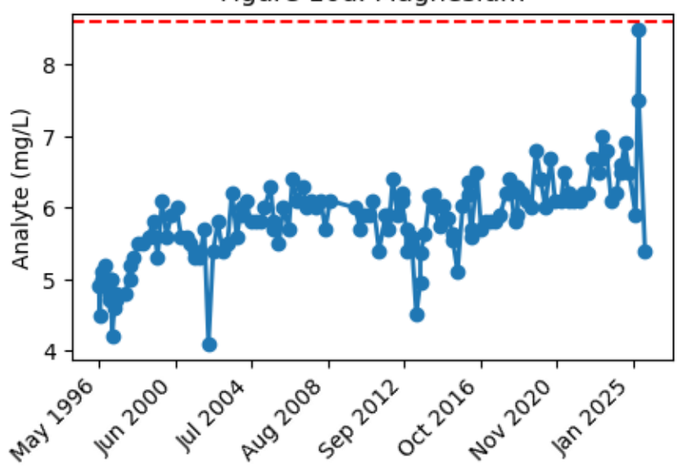


Figure 10e. Sulfate

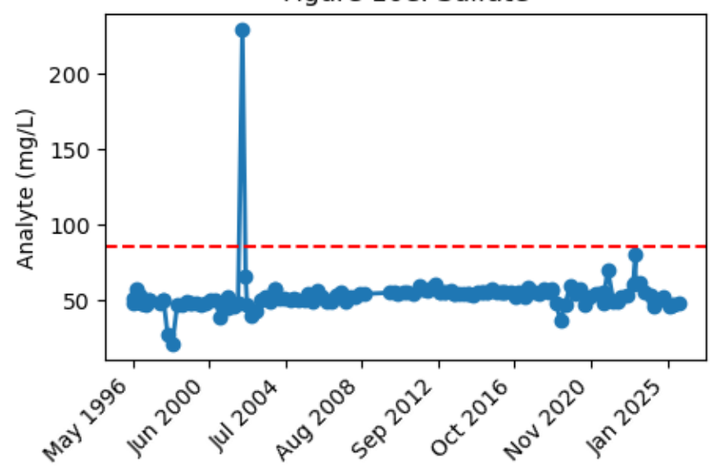


Figure 10f. Fluoride

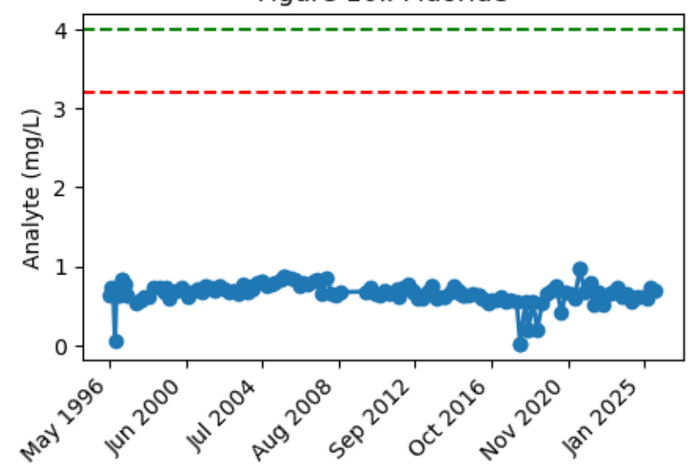
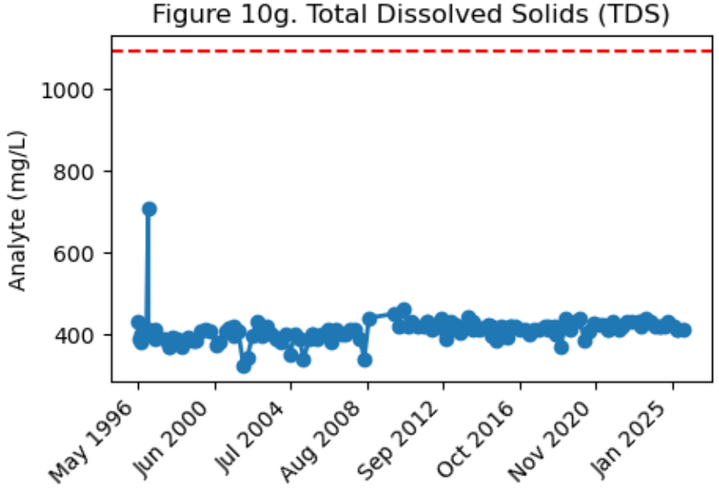


Figure 10g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M23-UBF Quarterly Analyte Graphs

Figure 11a. Temperature, Field

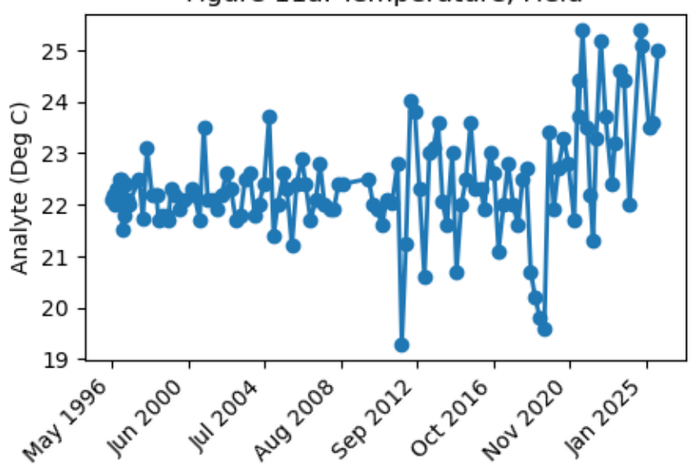


Figure 11b. pH, Field

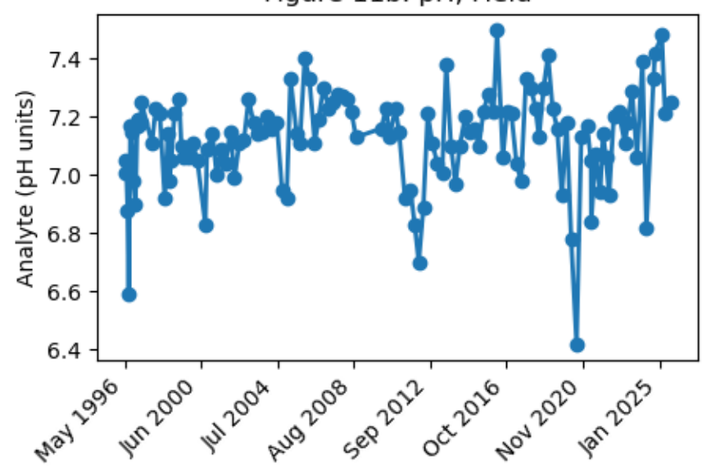


Figure 11c. Specific Conductance, Field

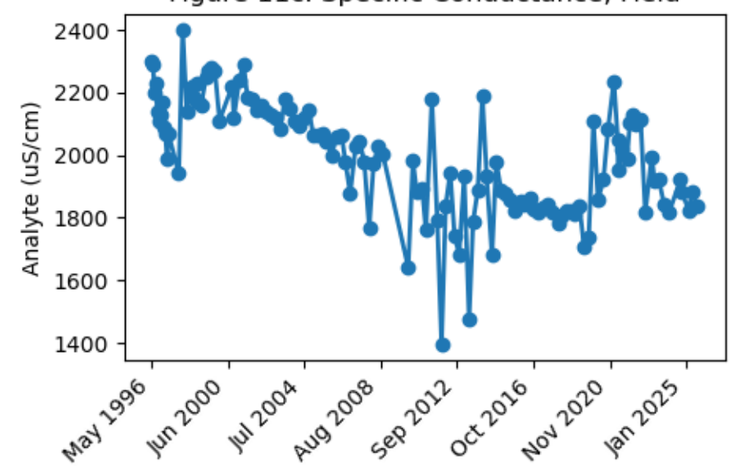


Figure 11d. Magnesium

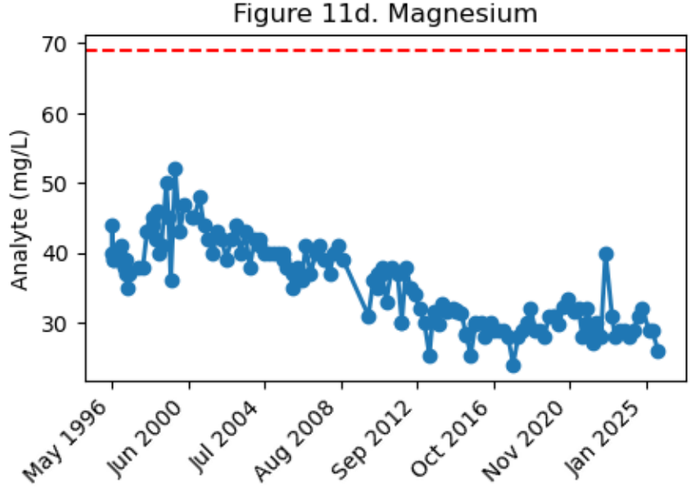


Figure 11e. Sulfate

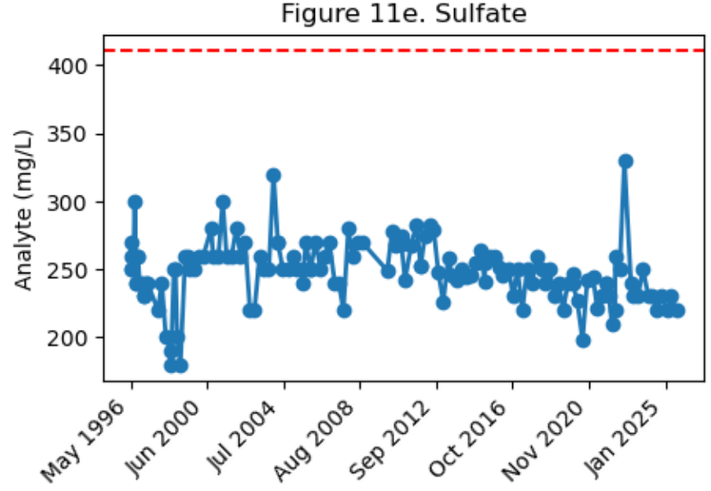


Figure 11f. Fluoride

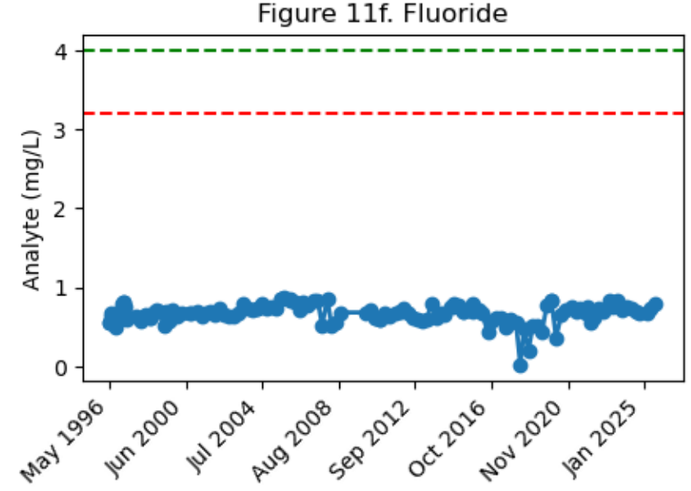
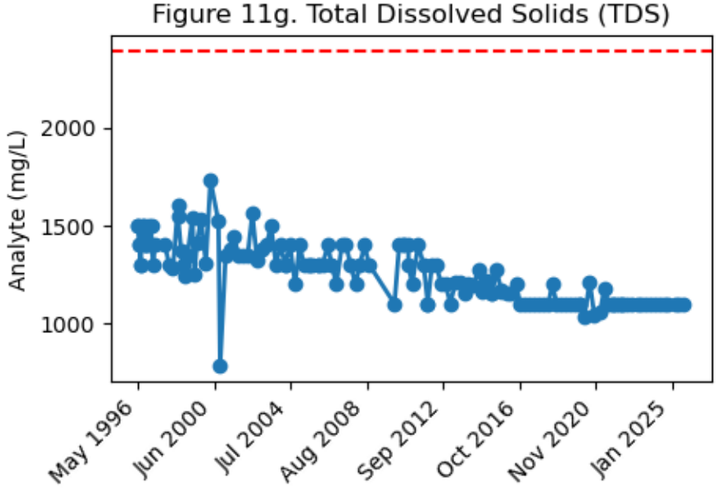


Figure 11g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M24-O Quarterly Analyte Graphs

Figure 12a. Temperature, Field

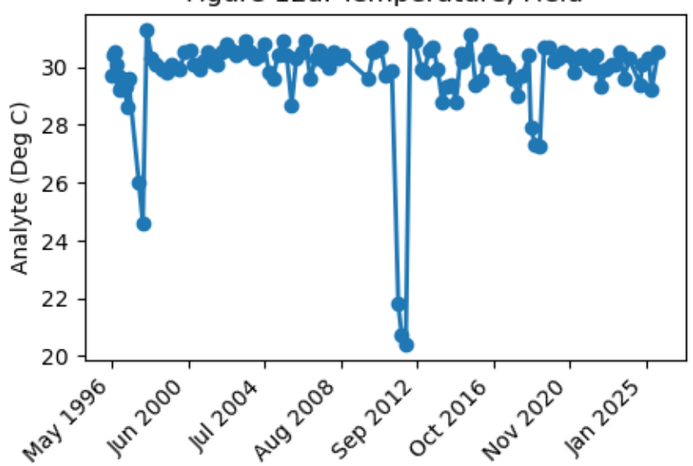


Figure 12b. pH, Field

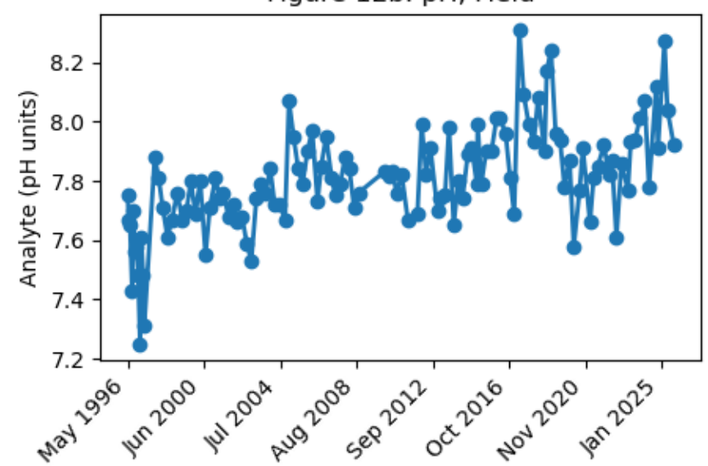


Figure 12c. Specific Conductance, Field

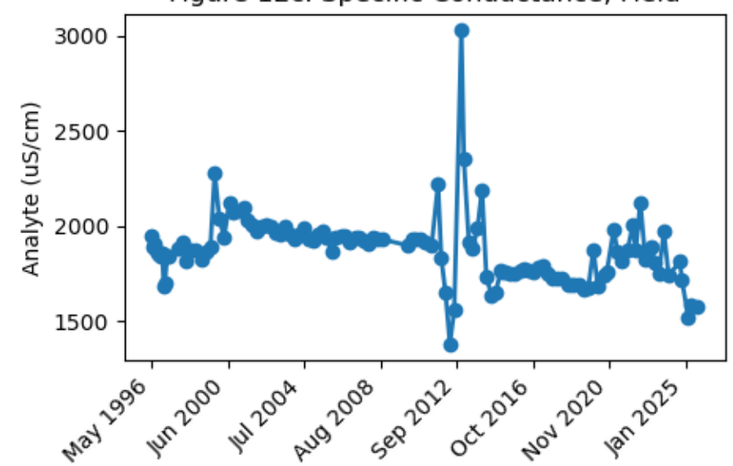


Figure 12d. Magnesium

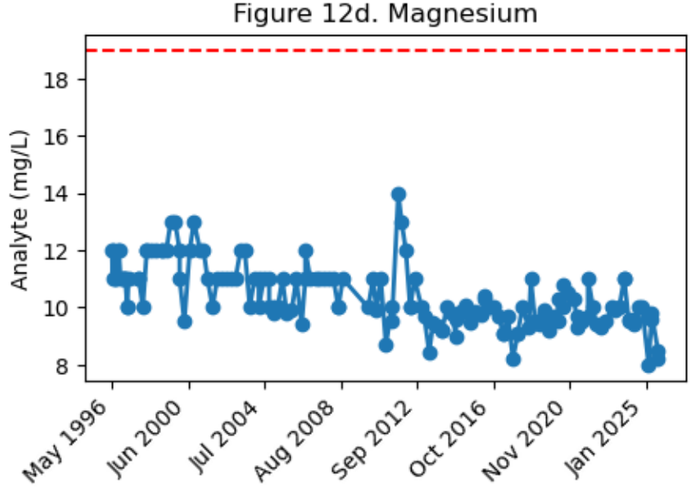


Figure 12e. Sulfate

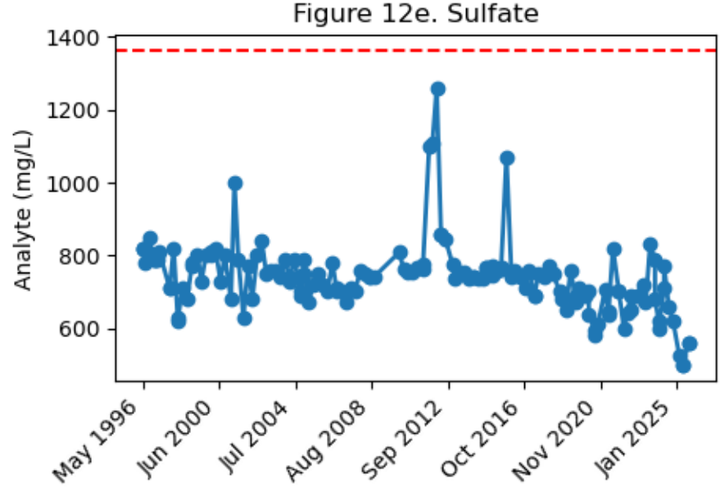


Figure 12f. Fluoride

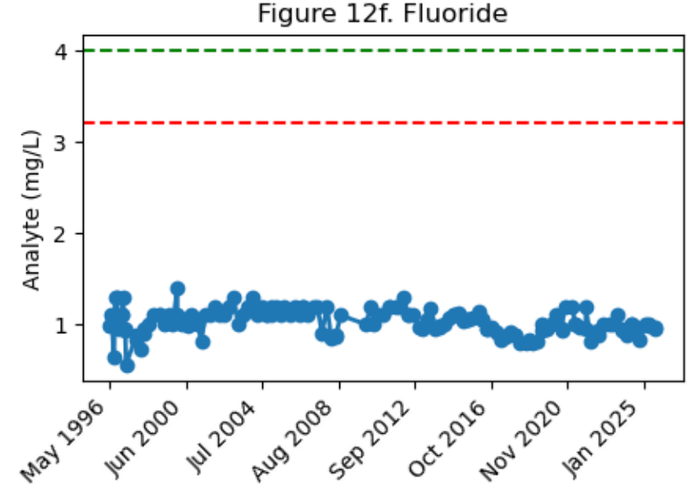
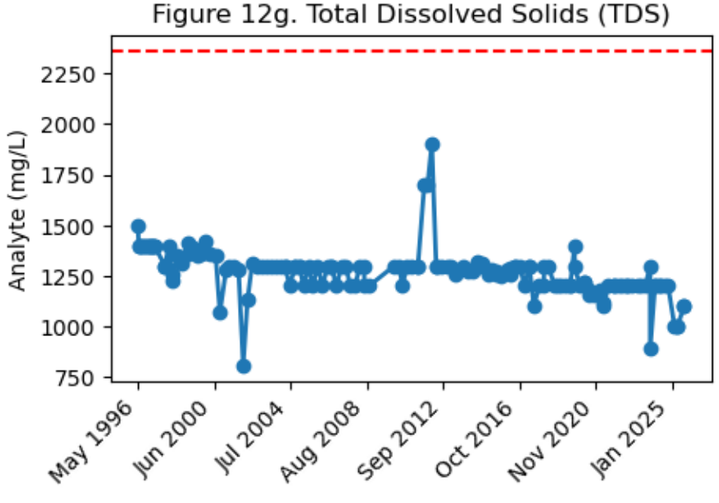


Figure 12g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M25-UBF Quarterly Analyte Graphs

Figure 13a. Temperature, Field

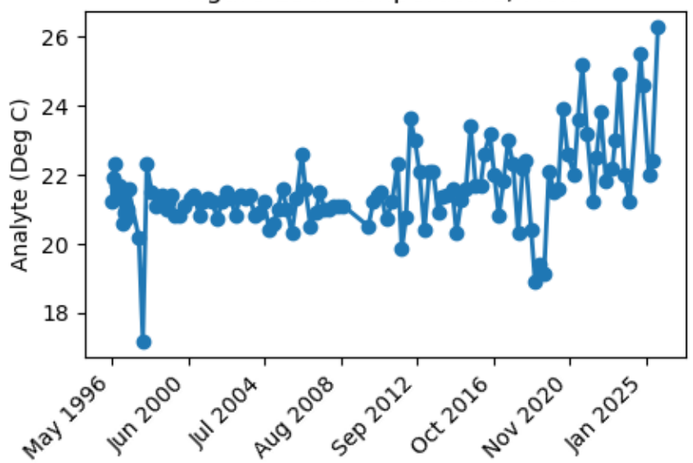


Figure 13b. pH, Field

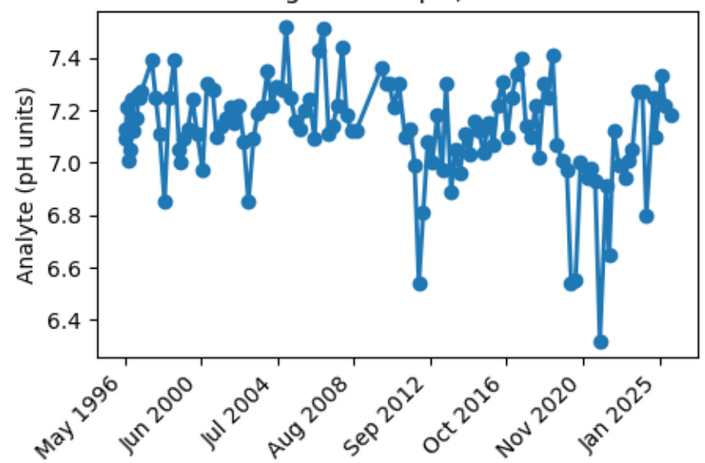


Figure 13c. Specific Conductance, Field

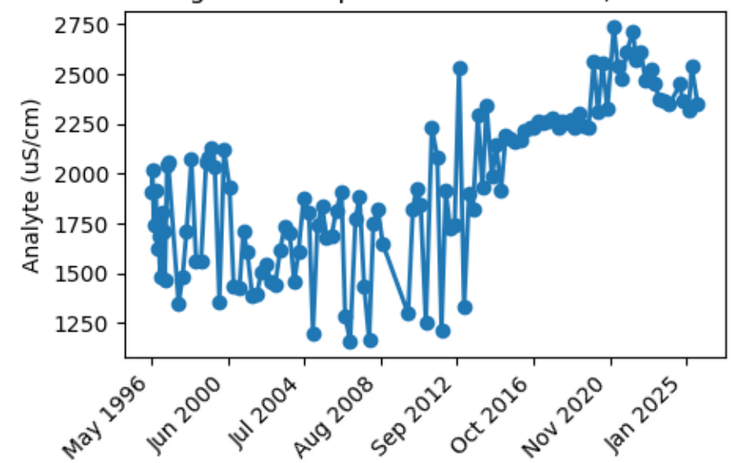


Figure 13d. Magnesium

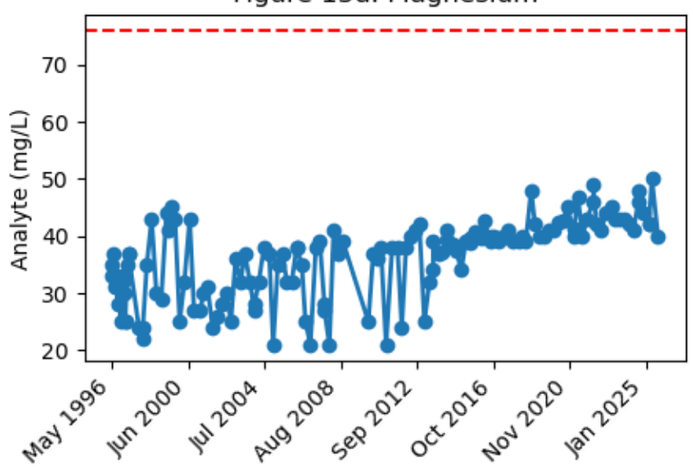


Figure 13e. Sulfate

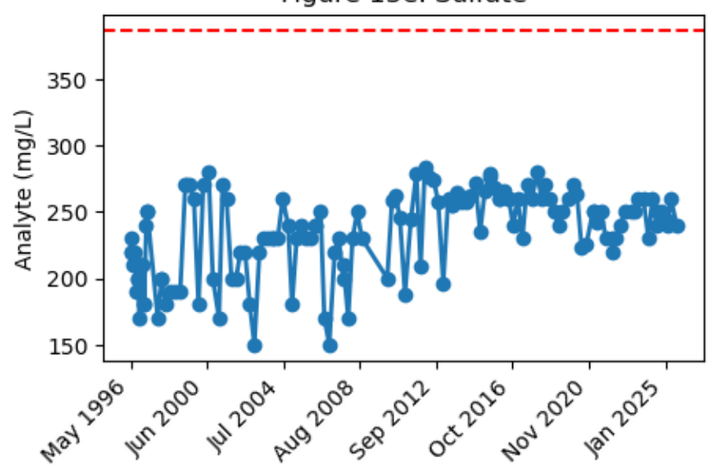


Figure 13f. Fluoride

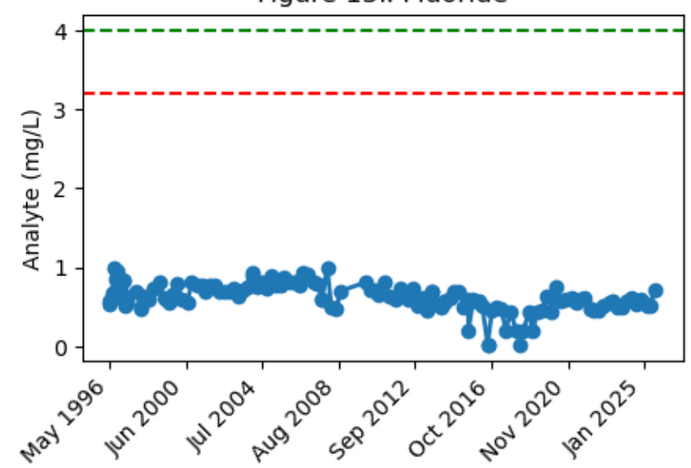
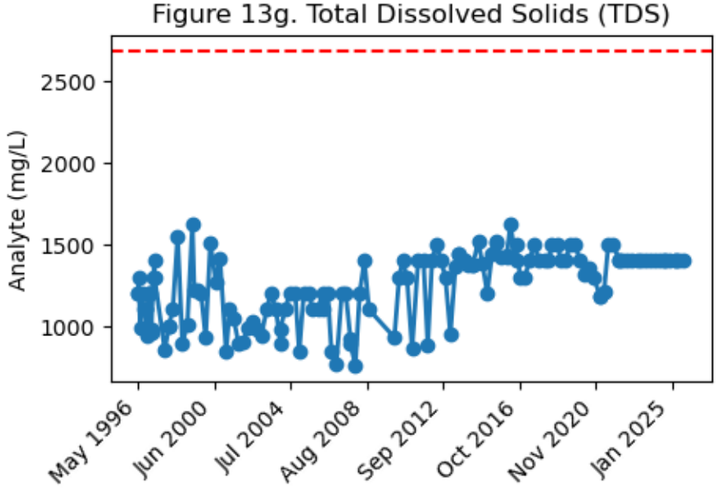


Figure 13g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M26-O Quarterly Analyte Graphs

Figure 14a. Temperature, Field

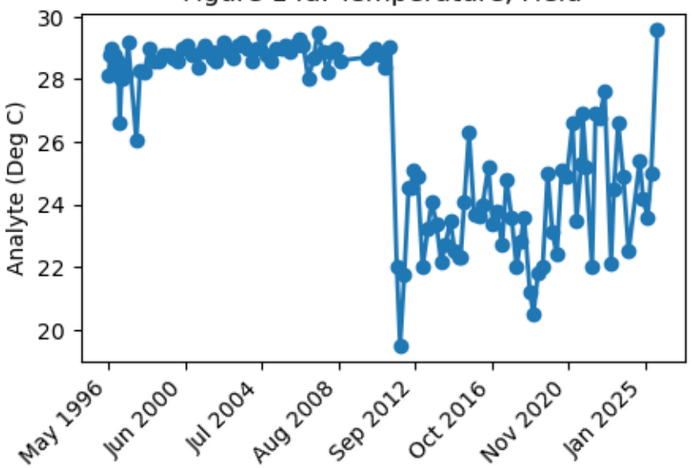


Figure 14b. pH, Field

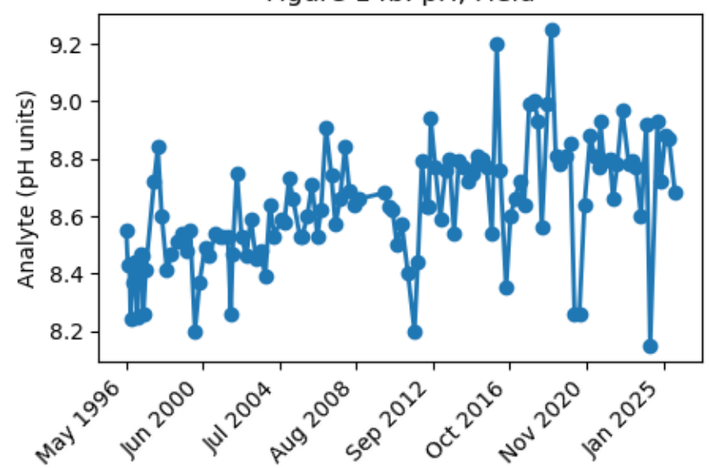


Figure 14c. Specific Conductance, Field

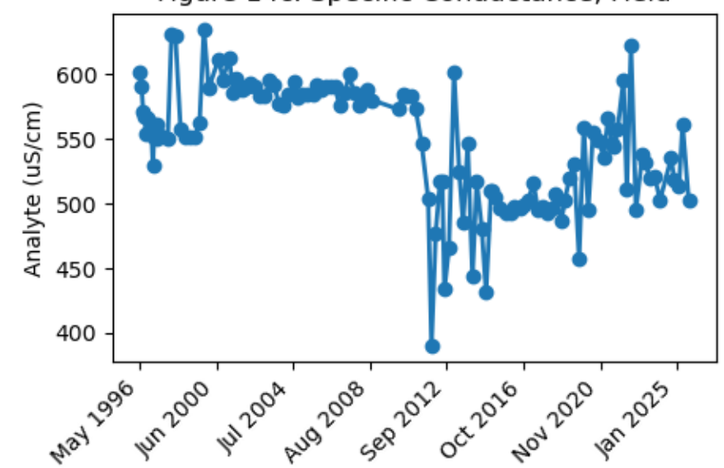


Figure 14d. Magnesium

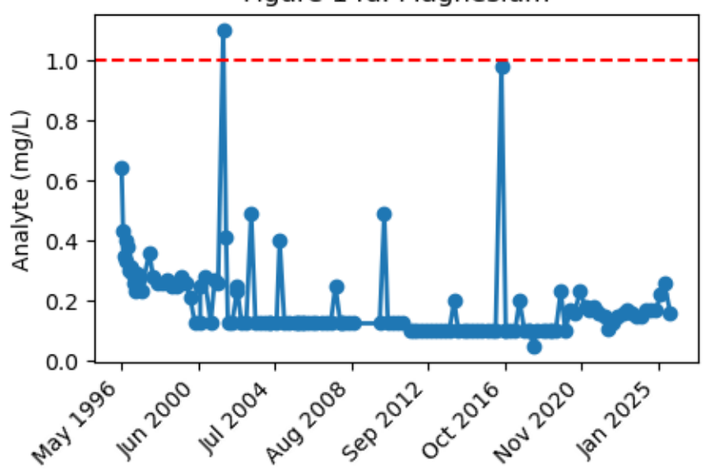


Figure 14e. Sulfate

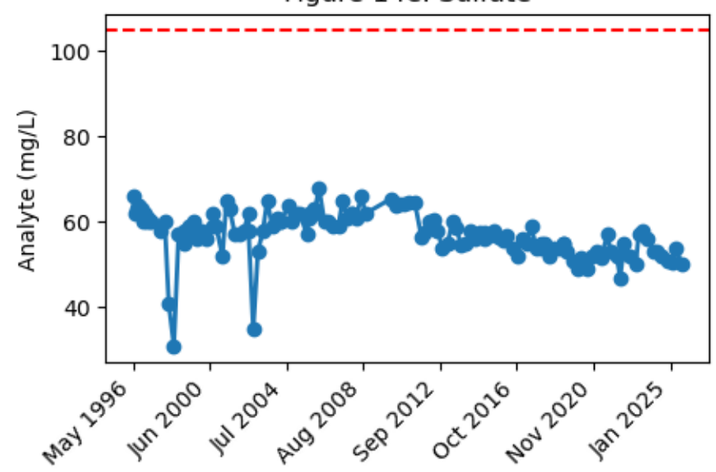


Figure 14f. Fluoride

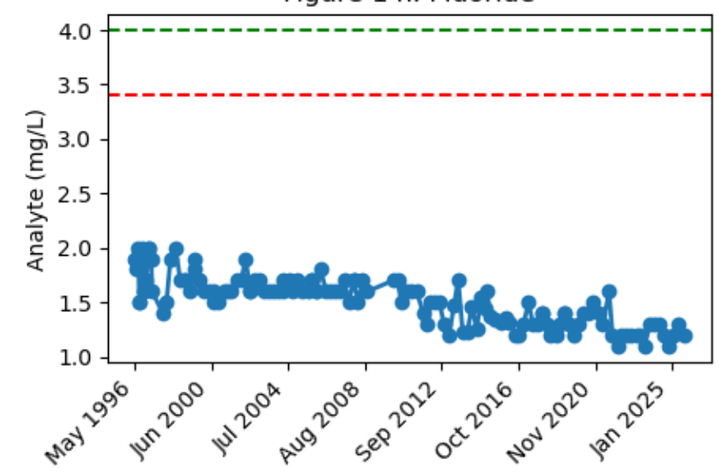
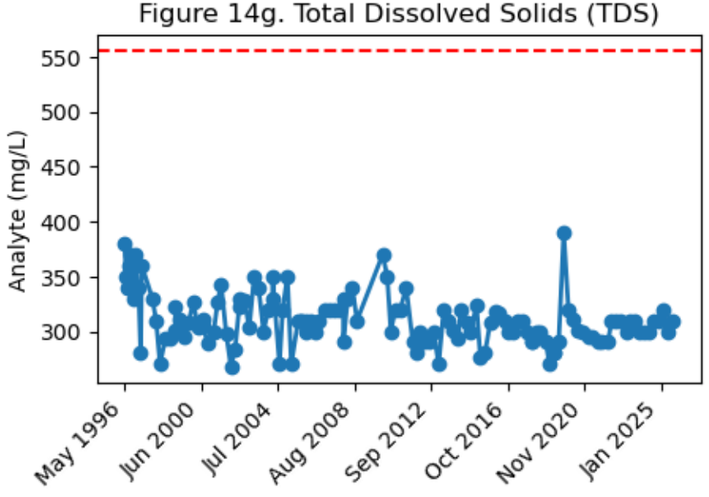


Figure 14g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M27-LBF Quarterly Analyte Graphs

Figure 15a. Temperature, Field

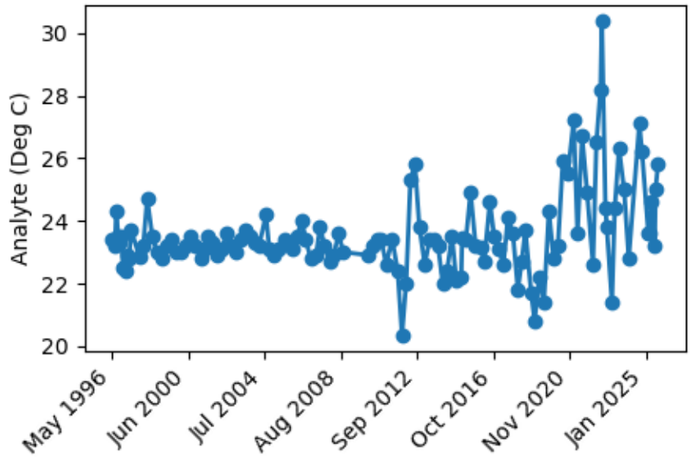


Figure 15b. pH, Field

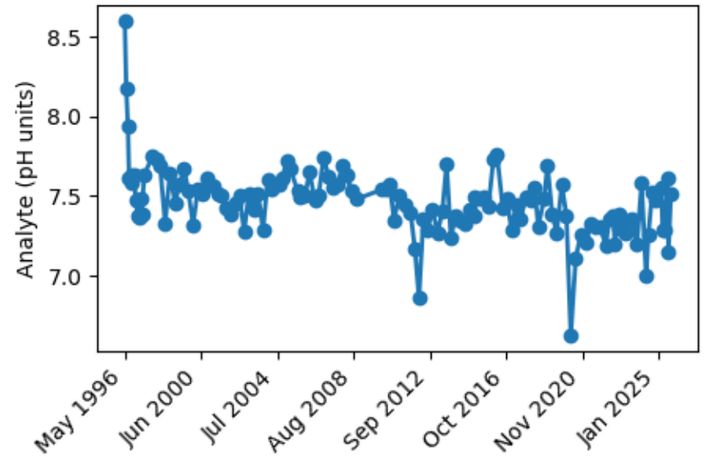


Figure 15c. Specific Conductance, Field

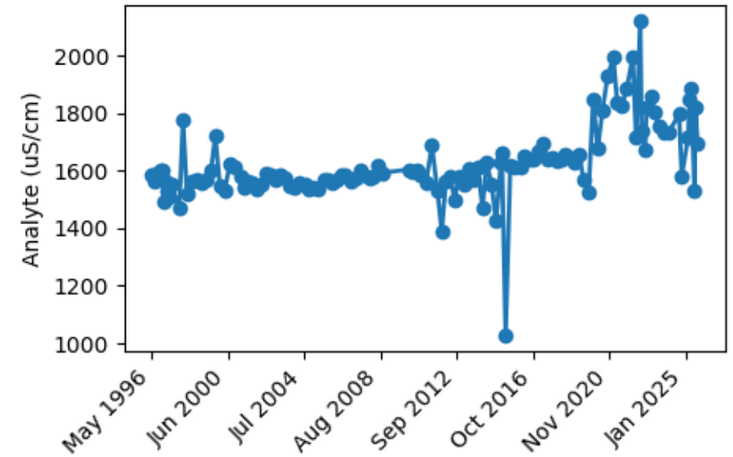


Figure 15d. Magnesium

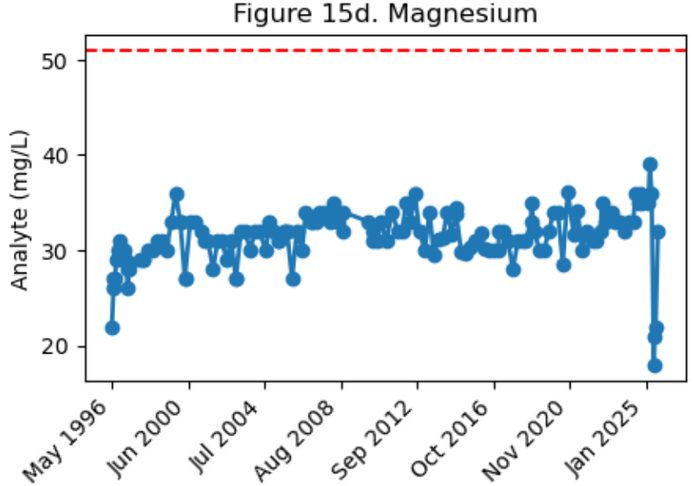


Figure 15e. Sulfate

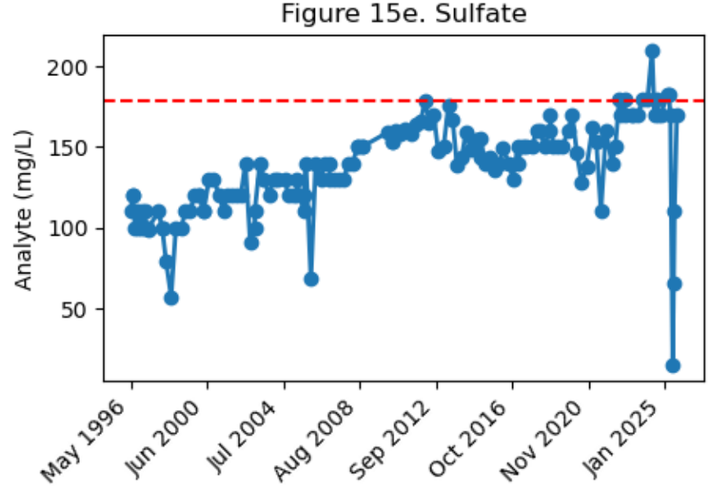


Figure 15f. Fluoride

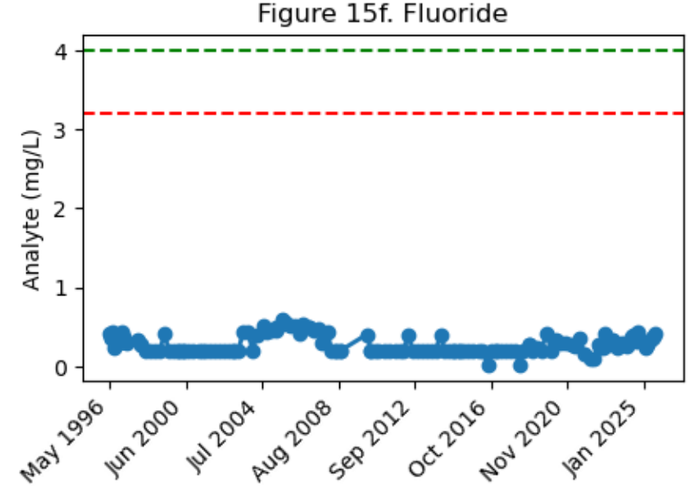
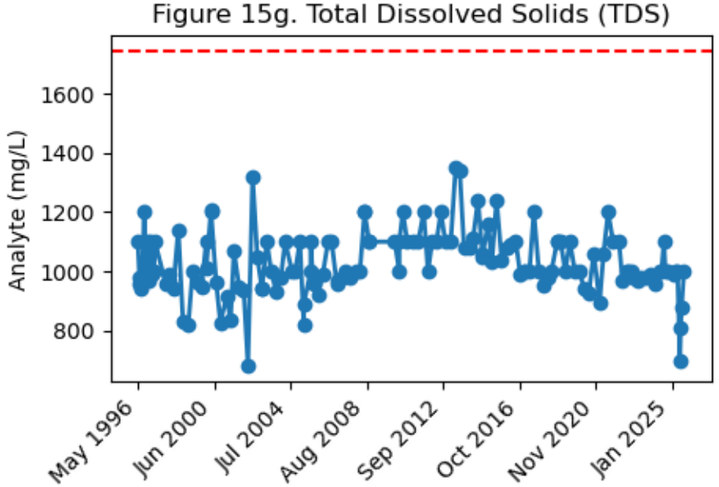


Figure 15g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M28-LBF Quarterly Analyte Graphs

Figure 16a. Temperature, Field

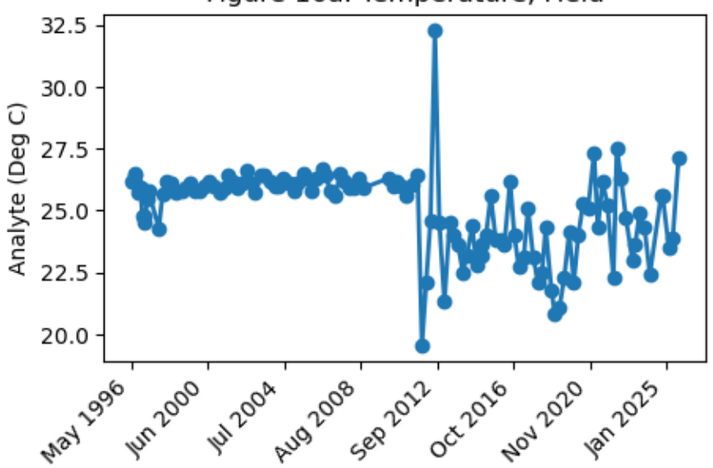


Figure 16b. pH, Field

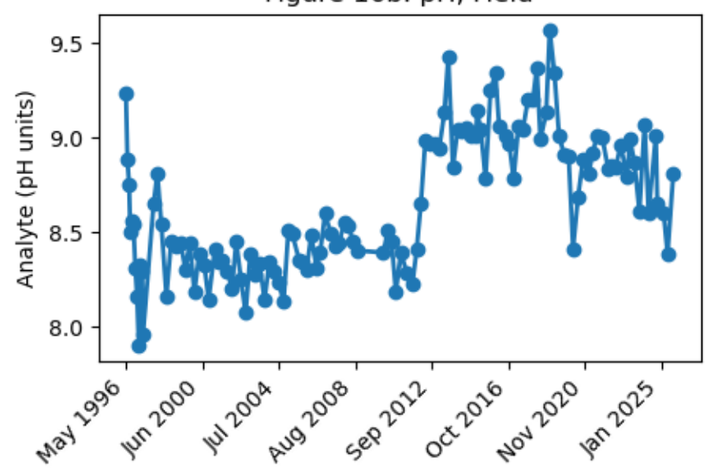


Figure 16c. Specific Conductance, Field

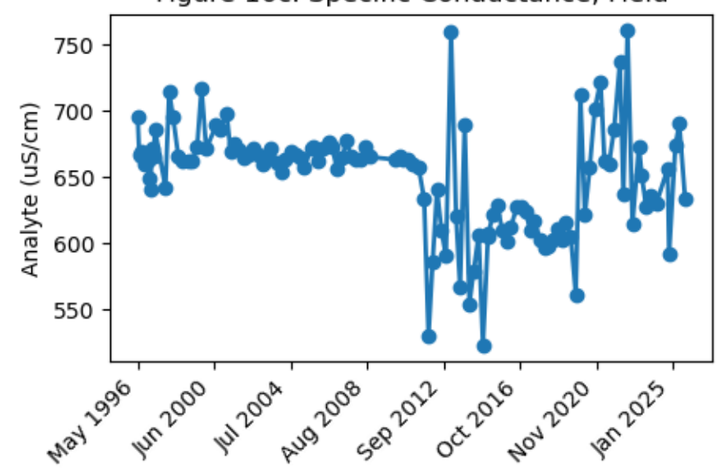


Figure 16d. Magnesium

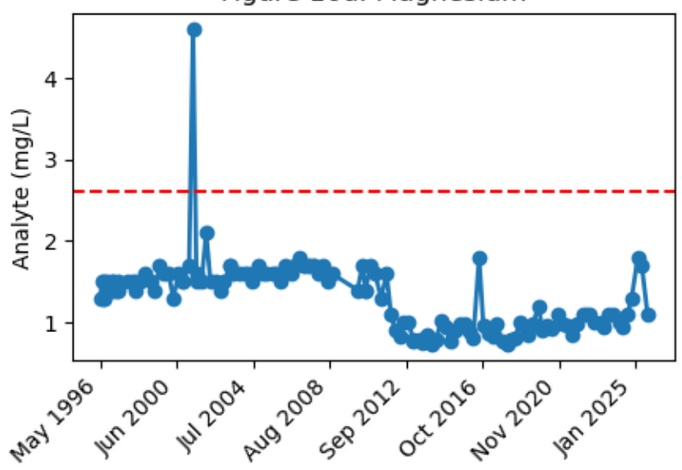


Figure 16e. Sulfate

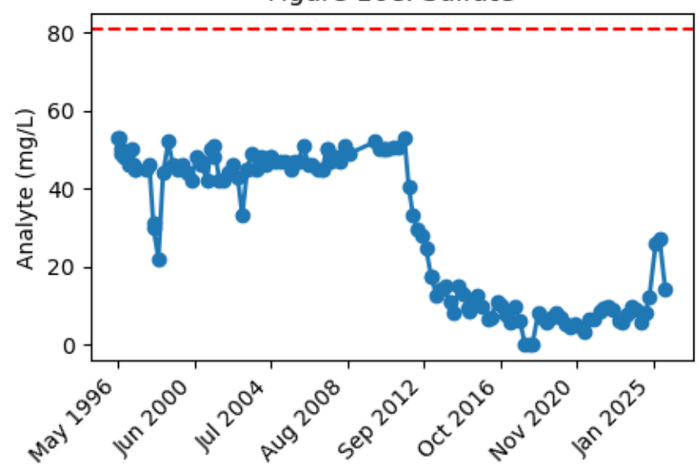


Figure 16f. Fluoride

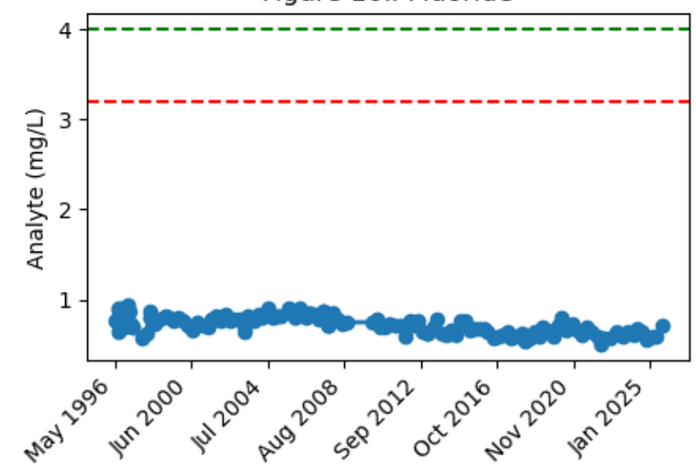
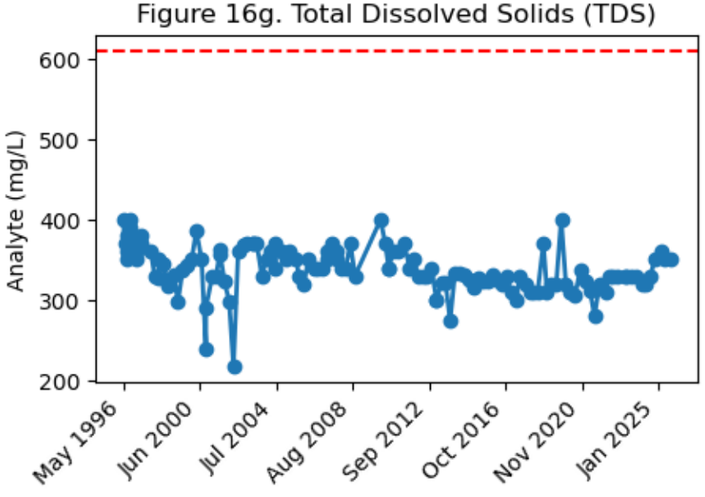


Figure 16g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M29-UBF Quarterly Analyte Graphs

Figure 17a. Temperature, Field

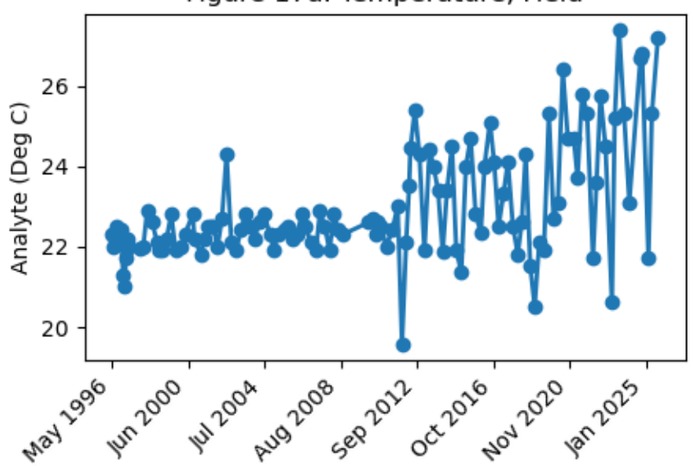


Figure 17b. pH, Field

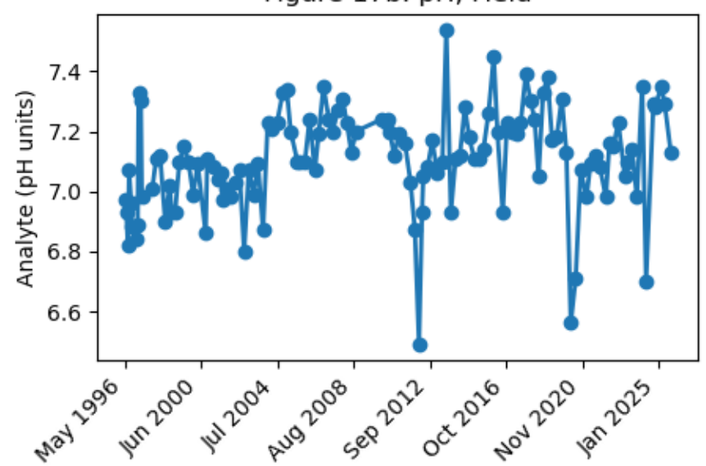


Figure 17c. Specific Conductance, Field

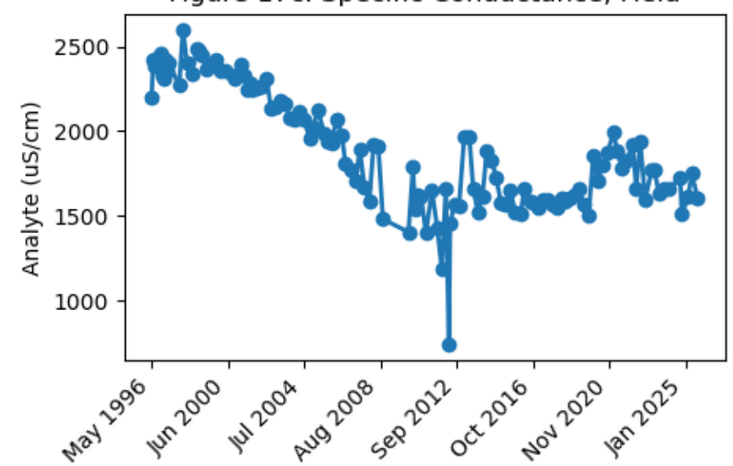


Figure 17d. Magnesium

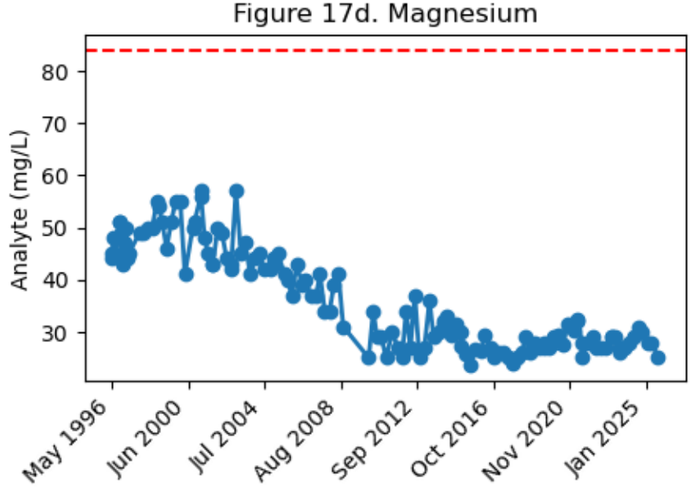


Figure 17e. Sulfate

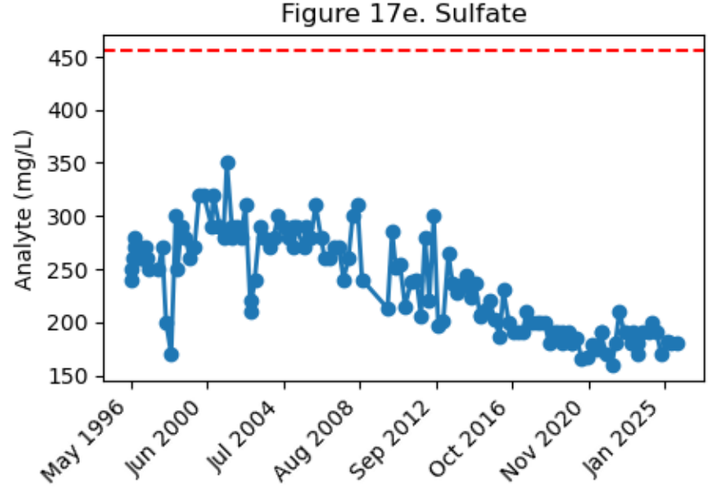


Figure 17f. Fluoride

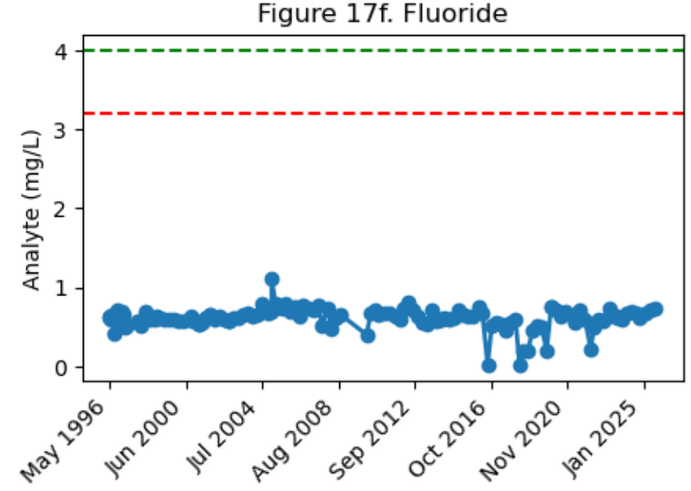
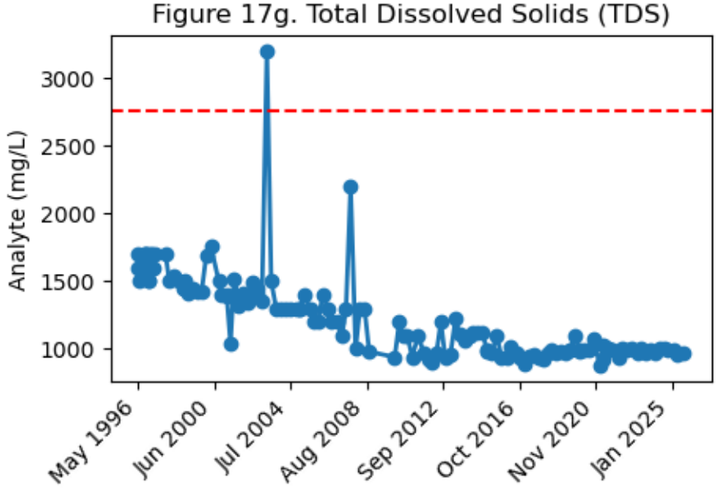


Figure 17g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M2-GU Quarterly Analyte Graphs

Figure 18a. Temperature, Field

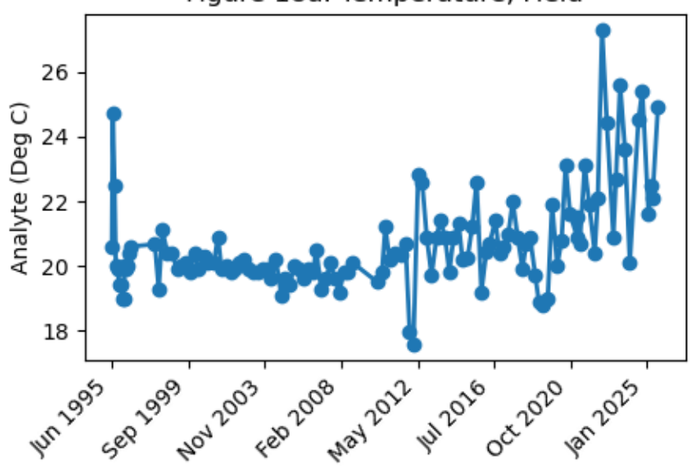


Figure 18b. pH, Field

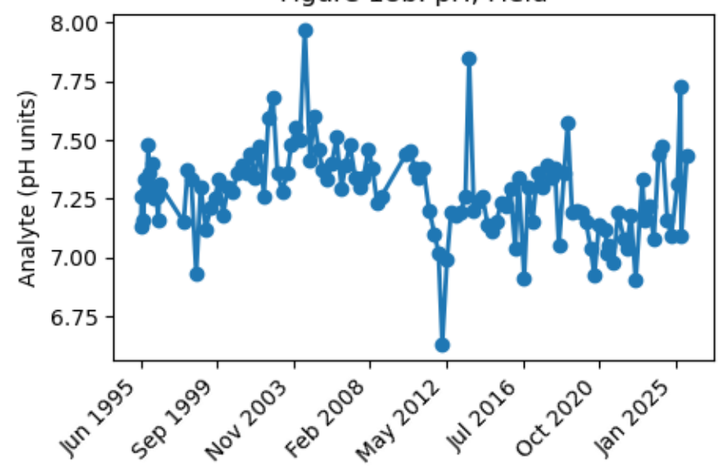


Figure 18c. Specific Conductance, Field

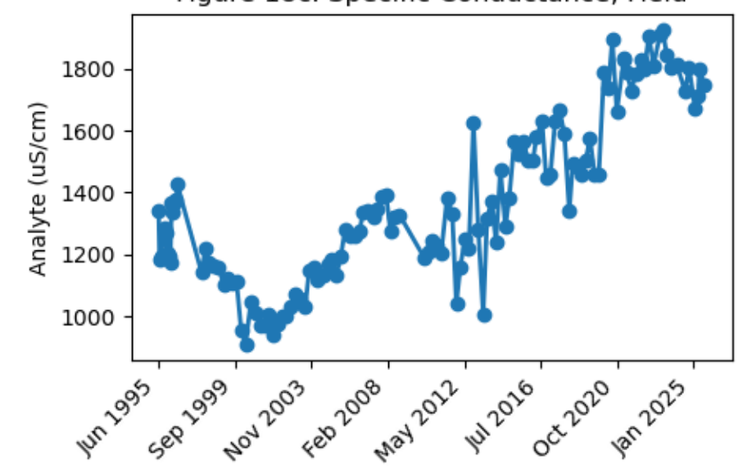


Figure 18d. Magnesium

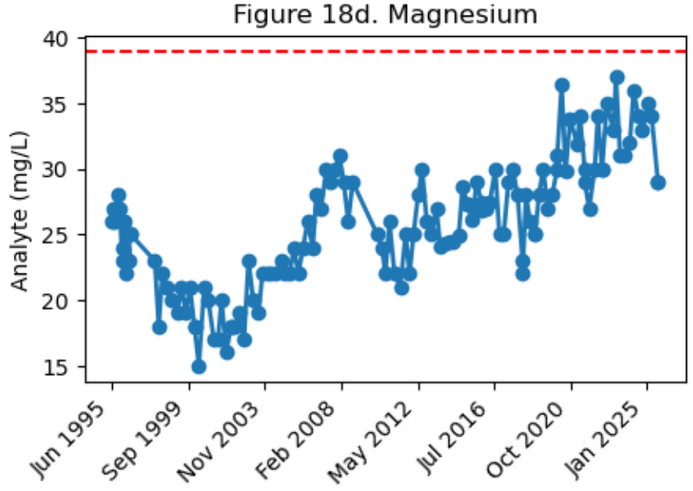


Figure 18e. Sulfate

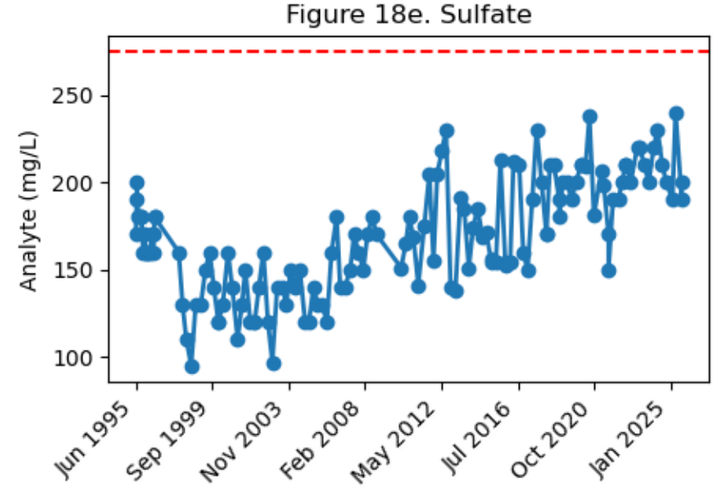


Figure 18f. Fluoride

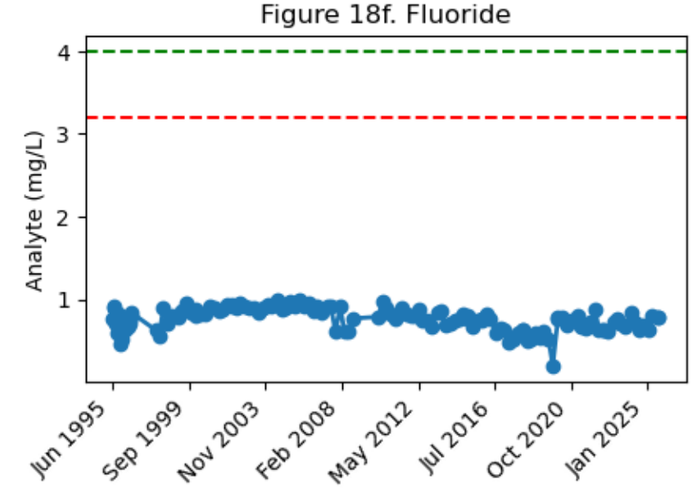
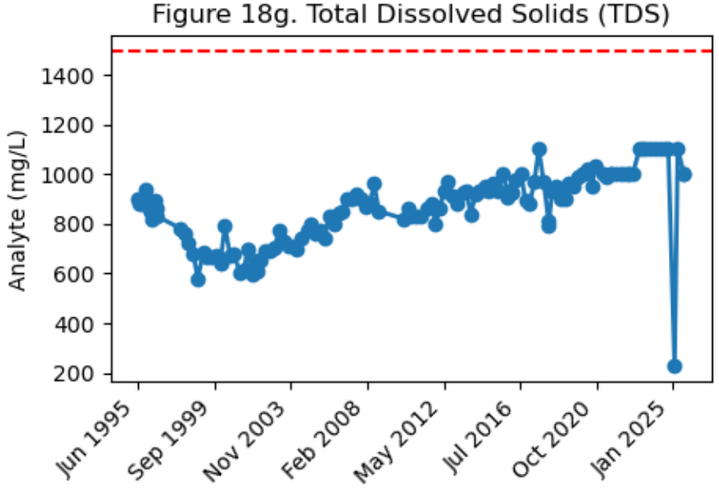


Figure 18g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M30-O Quarterly Analyte Graphs

Figure 19a. Temperature, Field

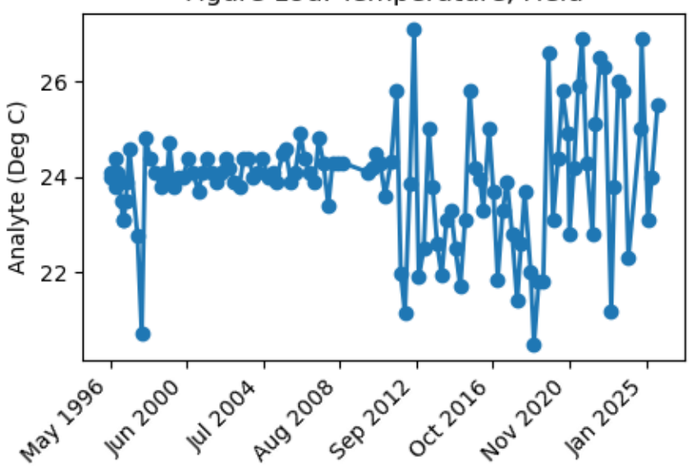


Figure 19b. pH, Field

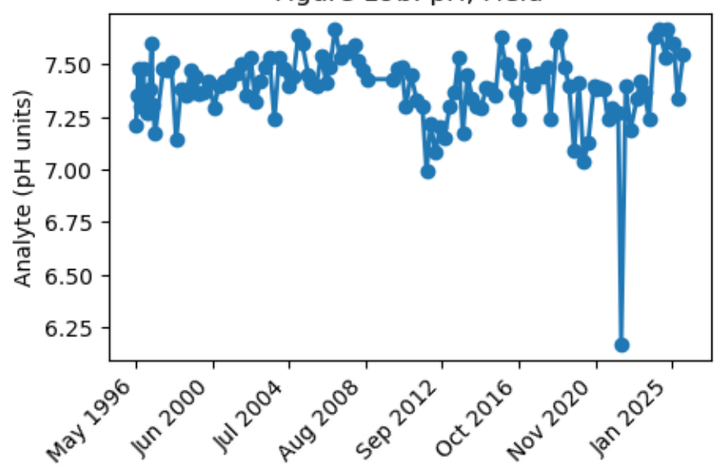


Figure 19c. Specific Conductance, Field

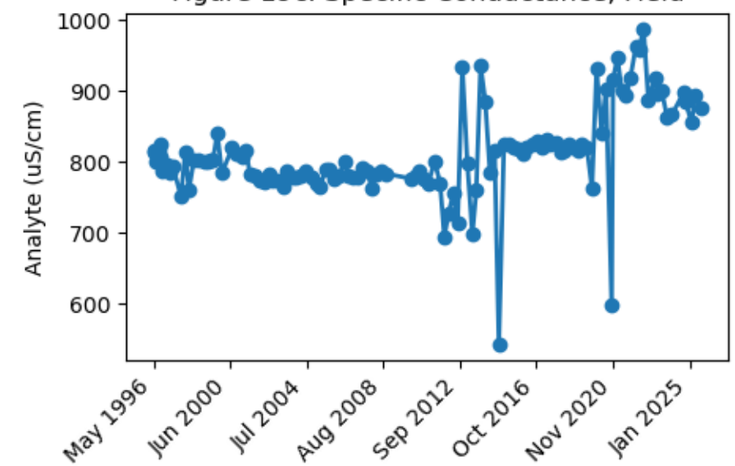


Figure 19d. Magnesium

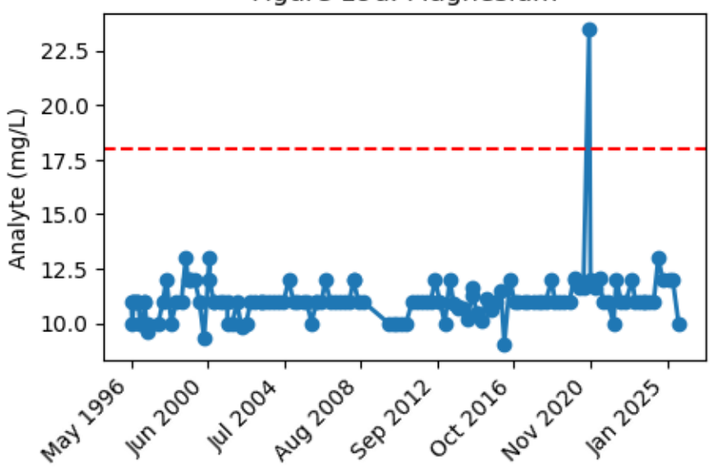


Figure 19e. Sulfate

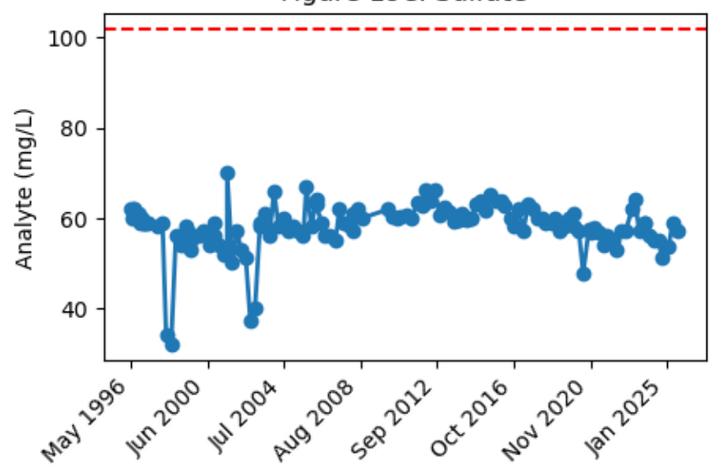


Figure 19f. Fluoride

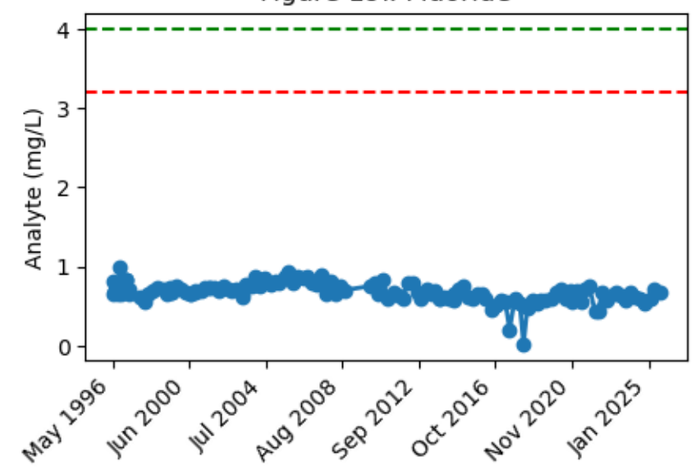
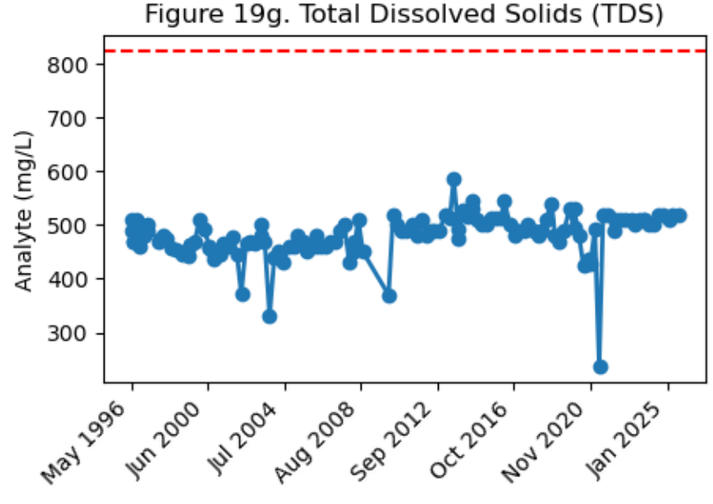


Figure 19g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M31-LBF Quarterly Analyte Graphs

Figure 20a. Temperature, Field

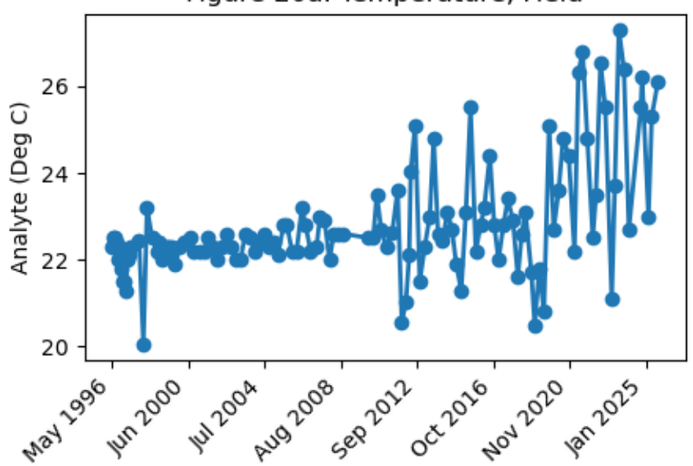


Figure 20b. pH, Field

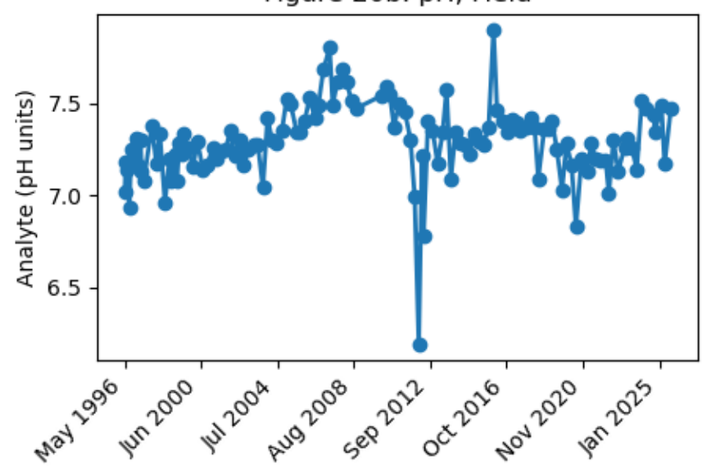


Figure 20c. Specific Conductance, Field

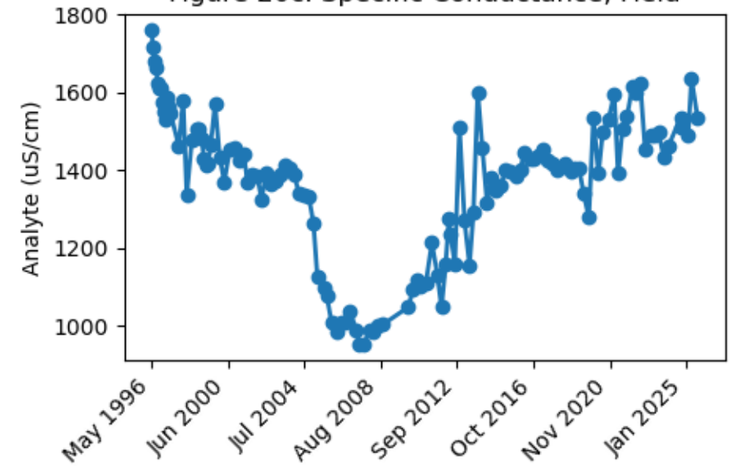


Figure 20d. Magnesium

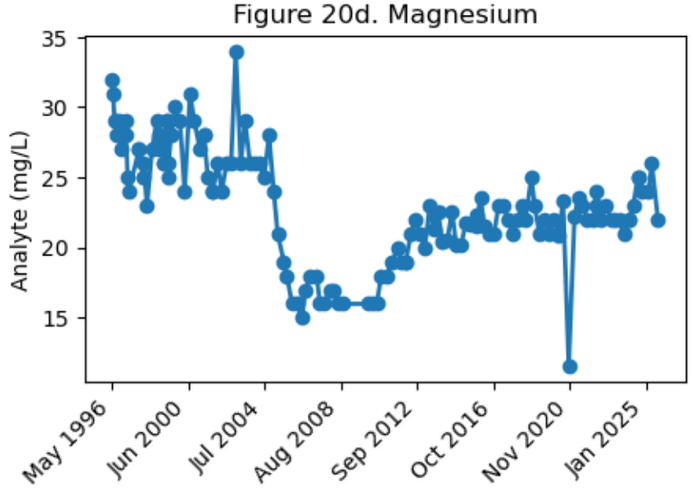


Figure 20e. Sulfate

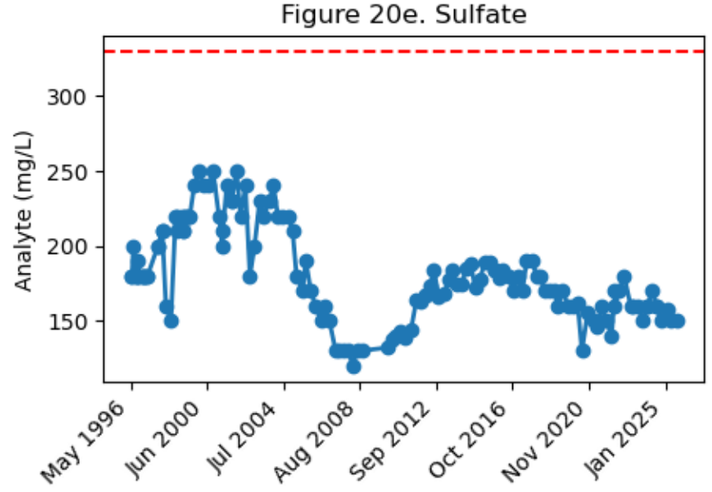


Figure 20f. Fluoride

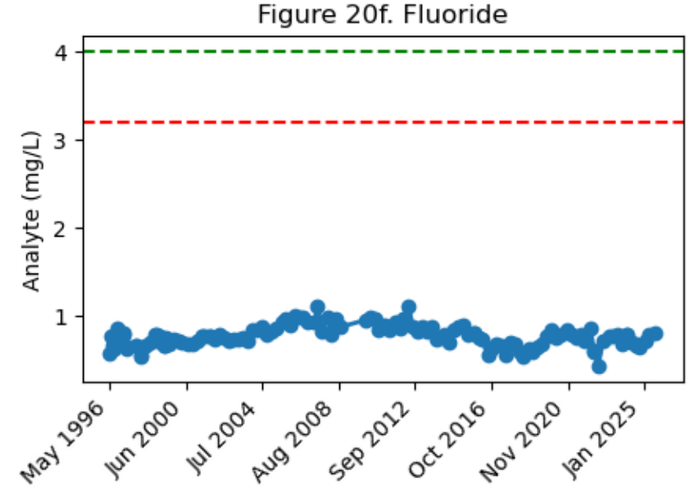
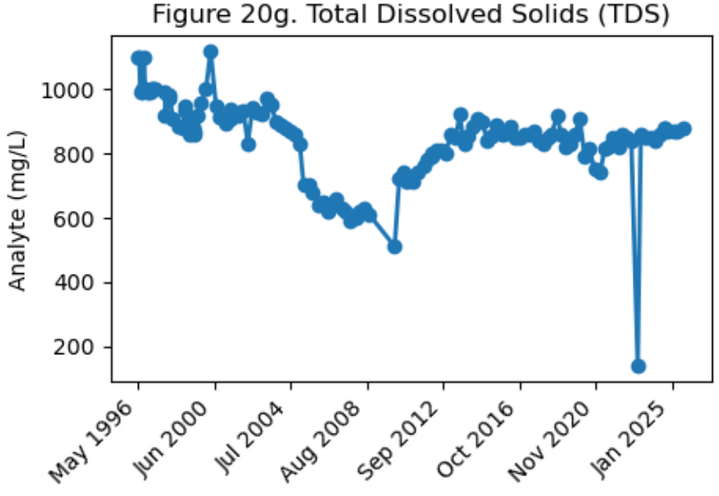


Figure 20g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M3-GL Quarterly Analyte Graphs

Figure 21a. Temperature, Field

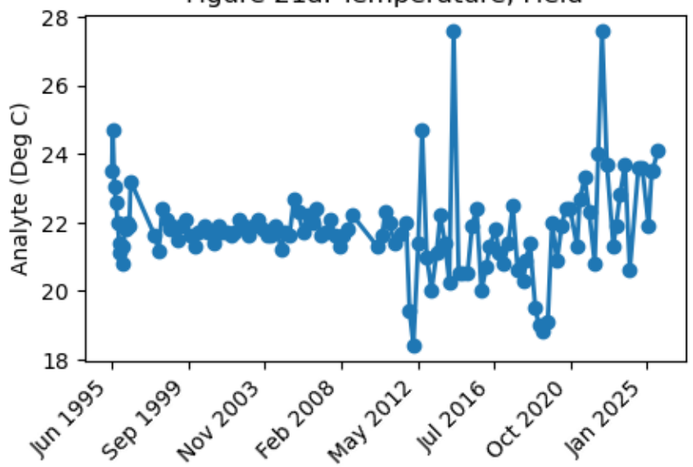


Figure 21b. pH, Field

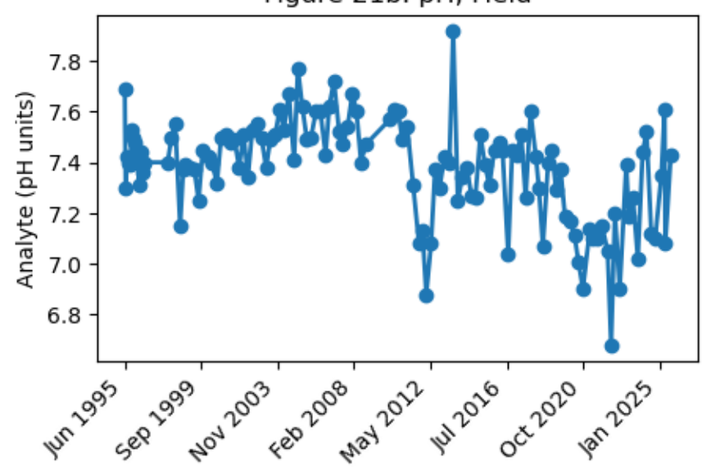


Figure 21c. Specific Conductance, Field

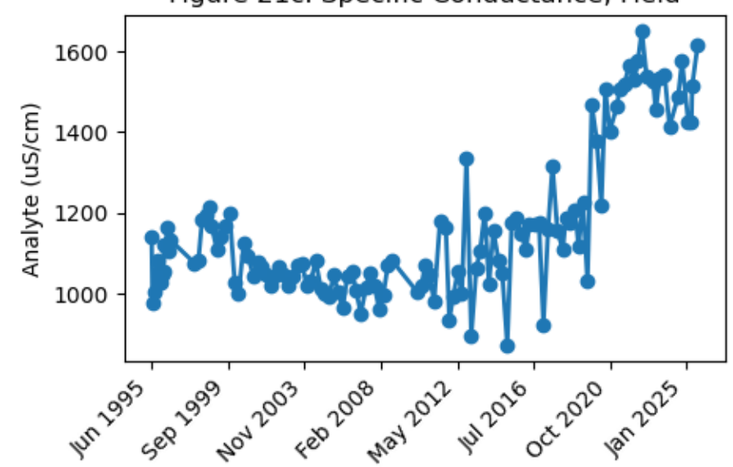


Figure 21d. Magnesium

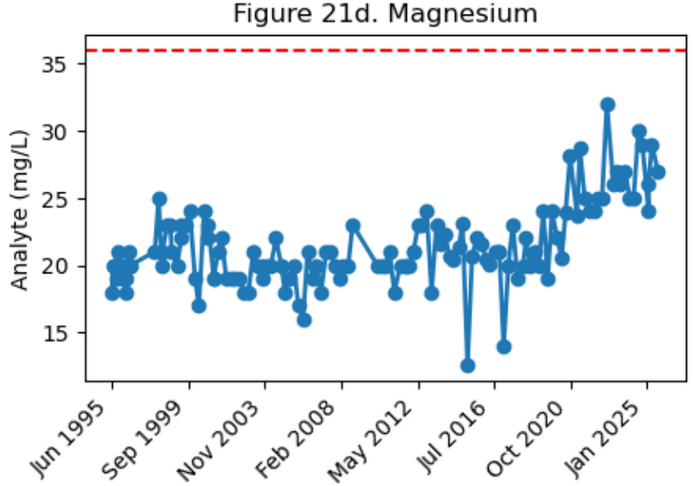


Figure 21e. Sulfate

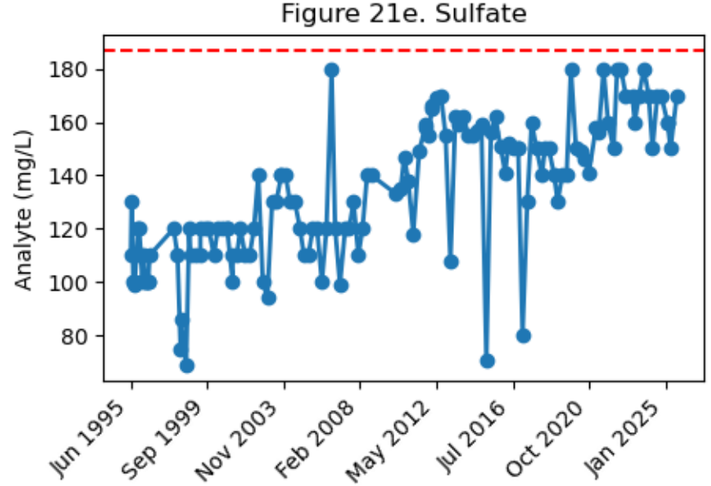


Figure 21f. Fluoride

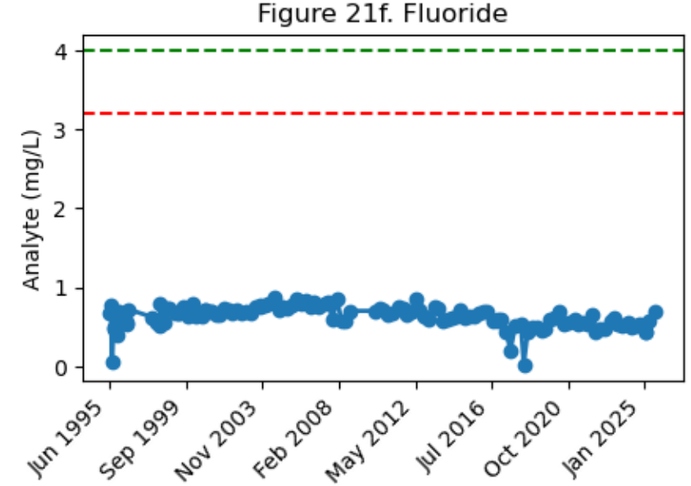
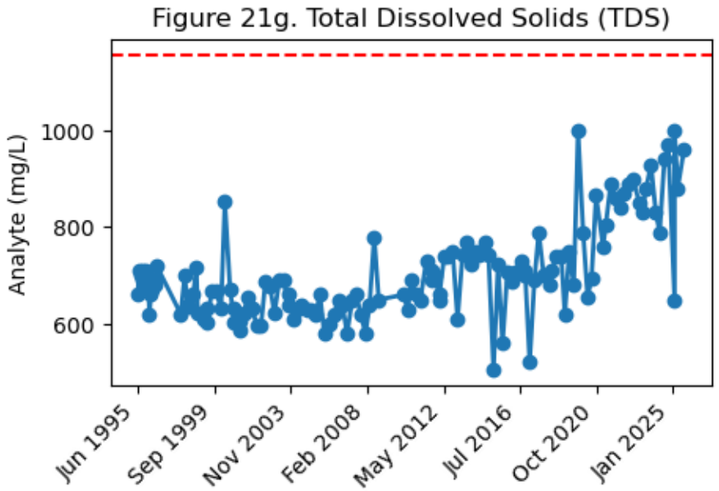


Figure 21g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M4-O Quarterly Analyte Graphs

Figure 22a. Temperature, Field

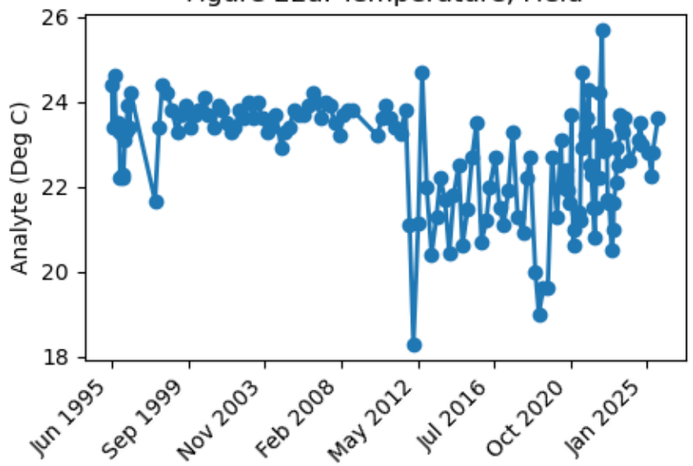


Figure 22b. pH, Field

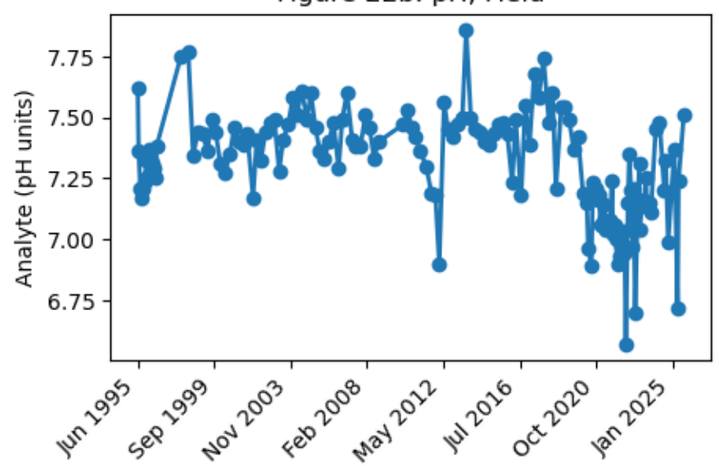


Figure 22c. Specific Conductance, Field

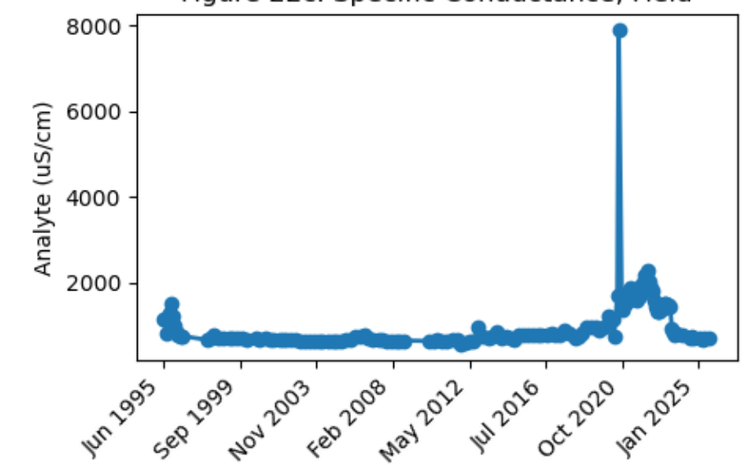


Figure 22d. Magnesium

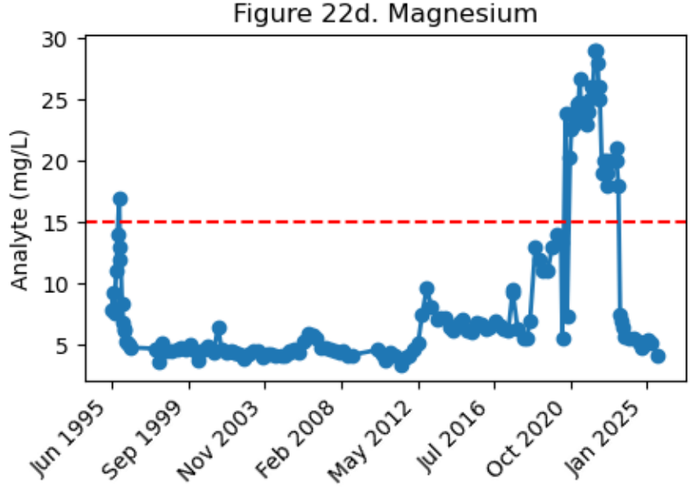


Figure 22e. Sulfate

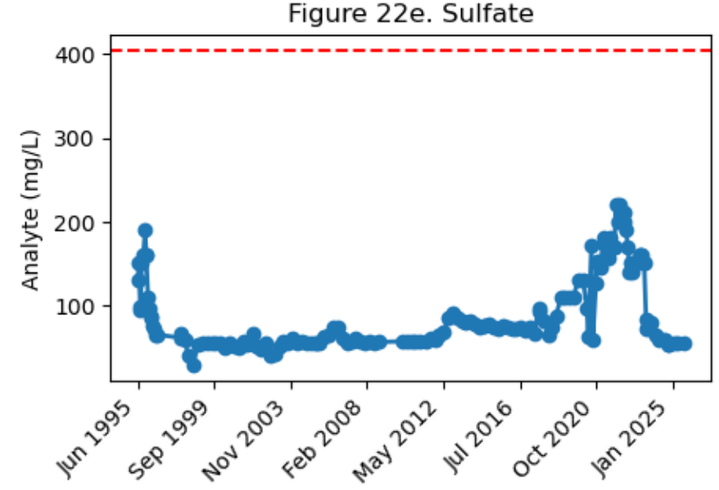


Figure 22f. Fluoride

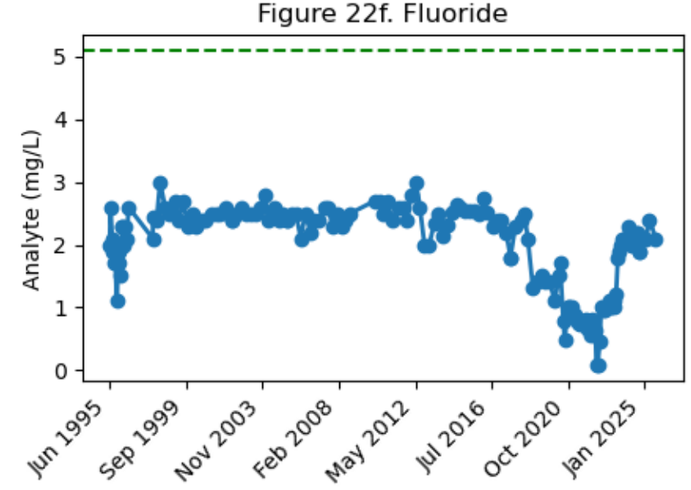
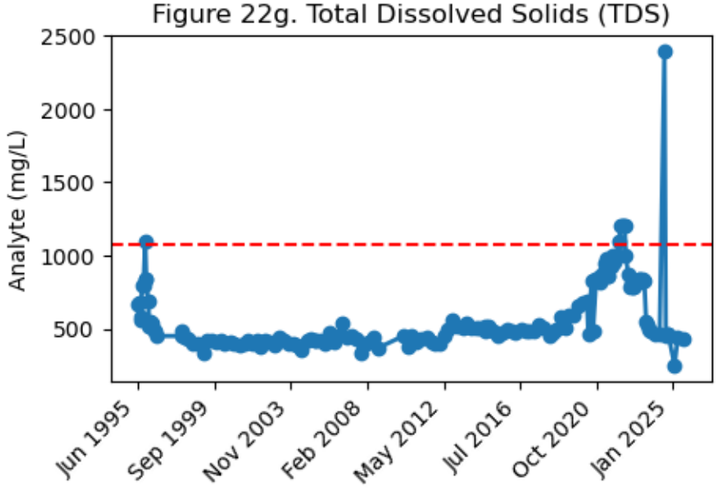


Figure 22g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M6-GU Quarterly Analyte Graphs

Figure 23a. Temperature, Field

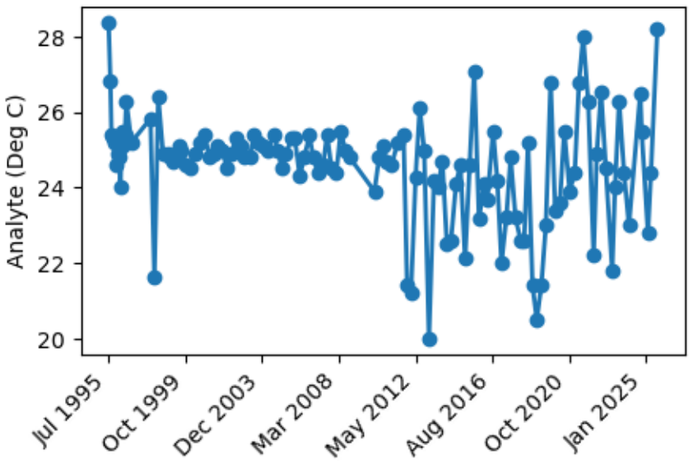


Figure 23b. pH, Field

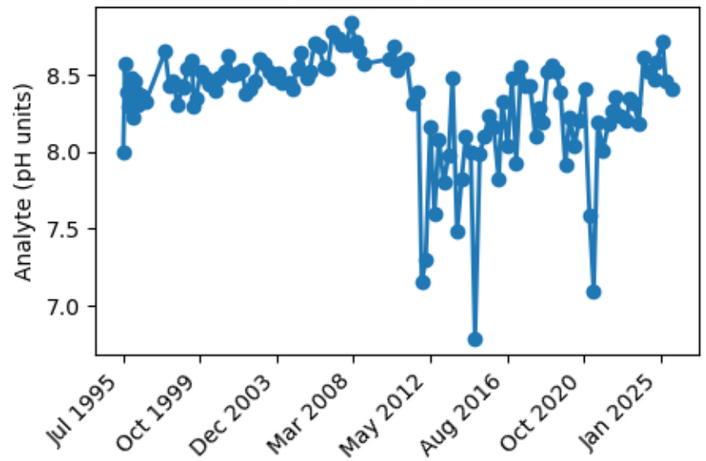


Figure 23c. Specific Conductance, Field

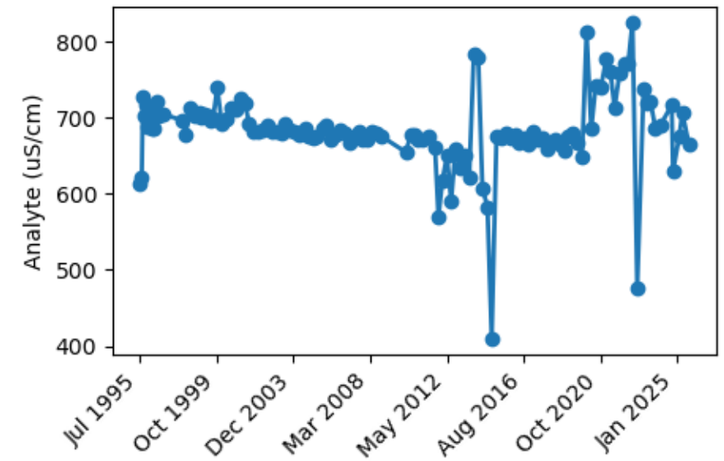


Figure 23d. Magnesium

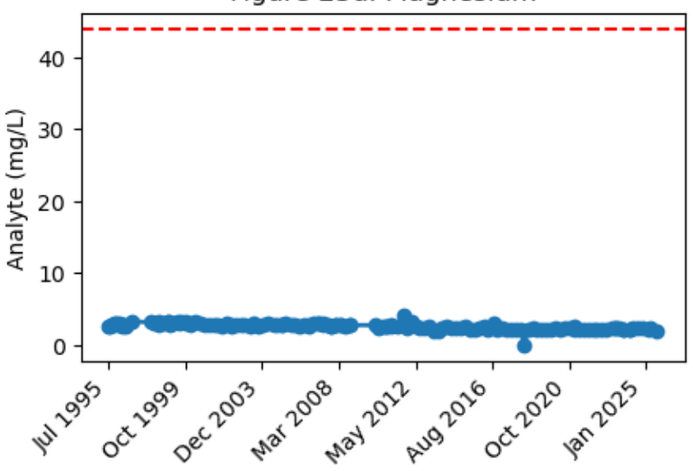


Figure 23e. Sulfate

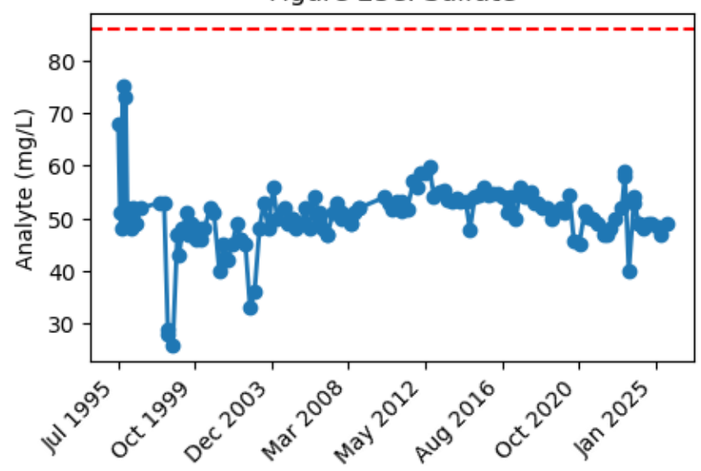


Figure 23f. Fluoride

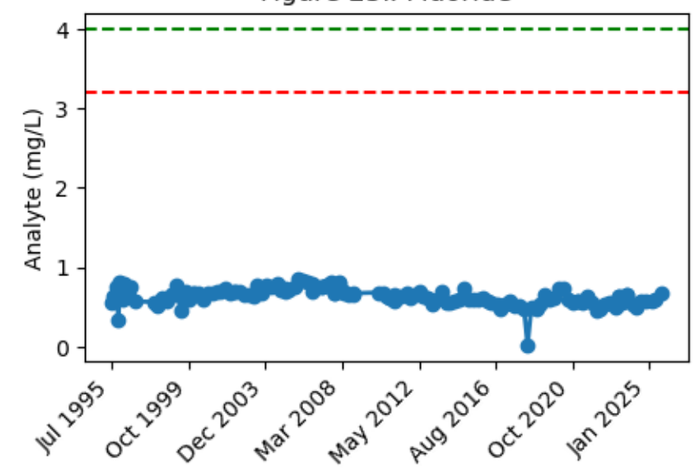
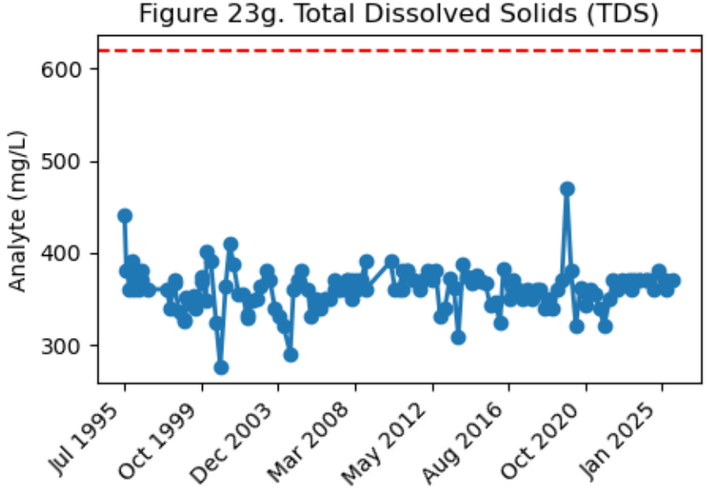


Figure 23g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M7-GL Quarterly Analyte Graphs

Figure 24a. Temperature, Field

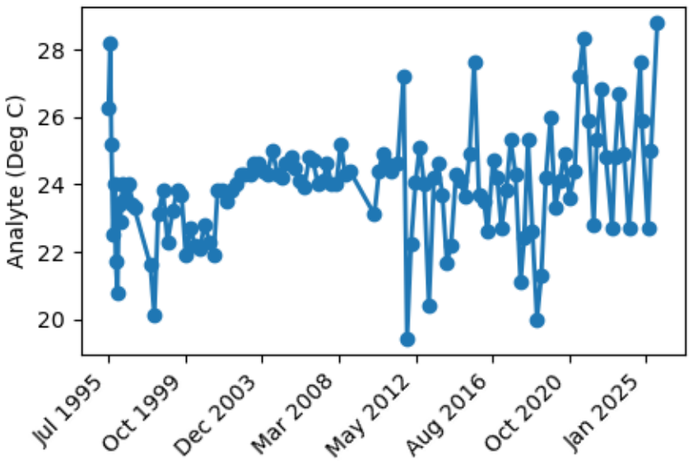


Figure 24b. pH, Field

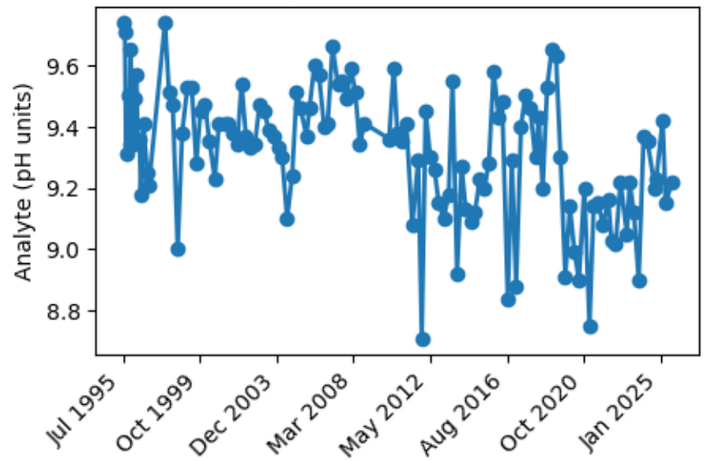


Figure 24c. Specific Conductance, Field

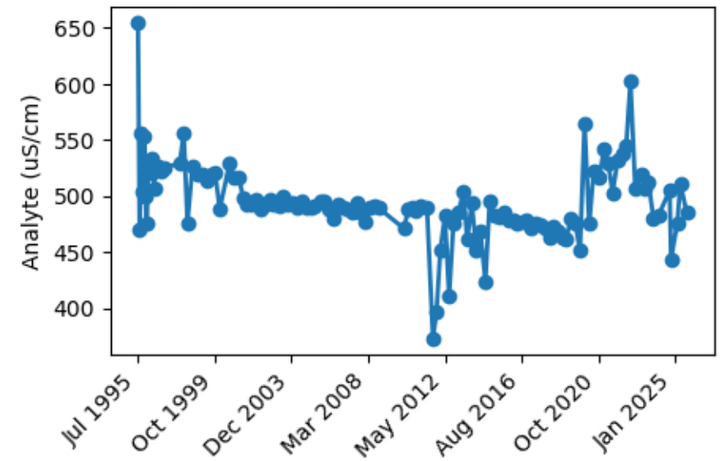


Figure 24d. Magnesium

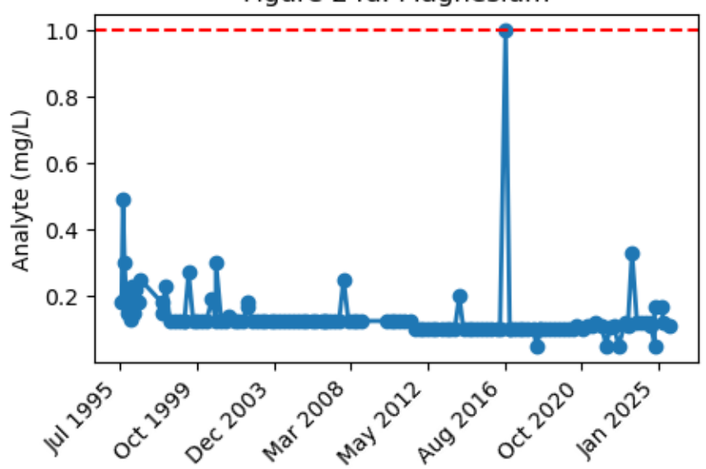


Figure 24e. Sulfate

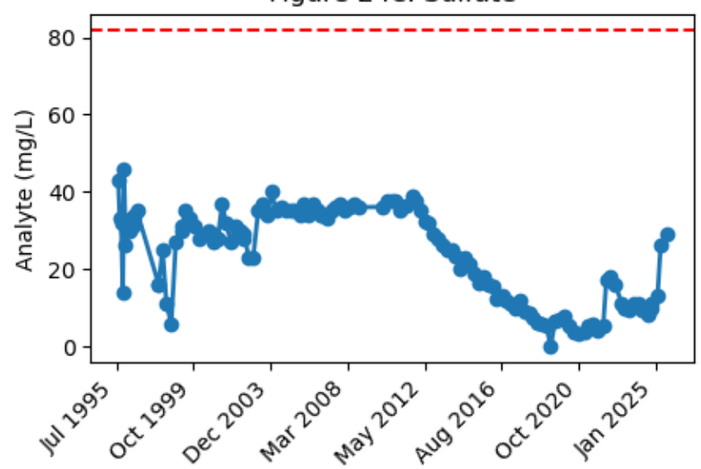


Figure 24f. Fluoride

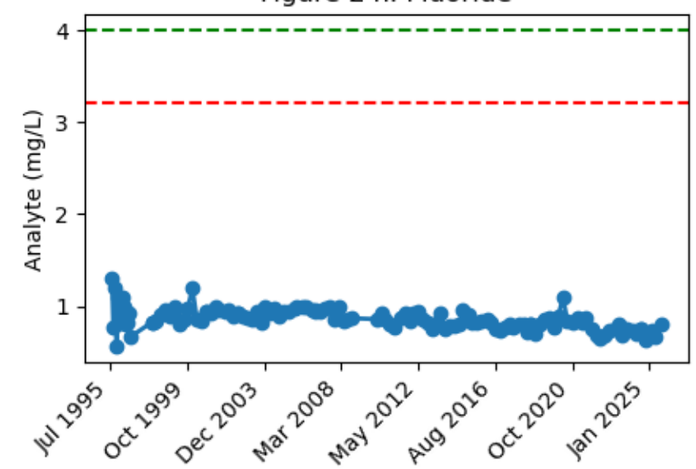
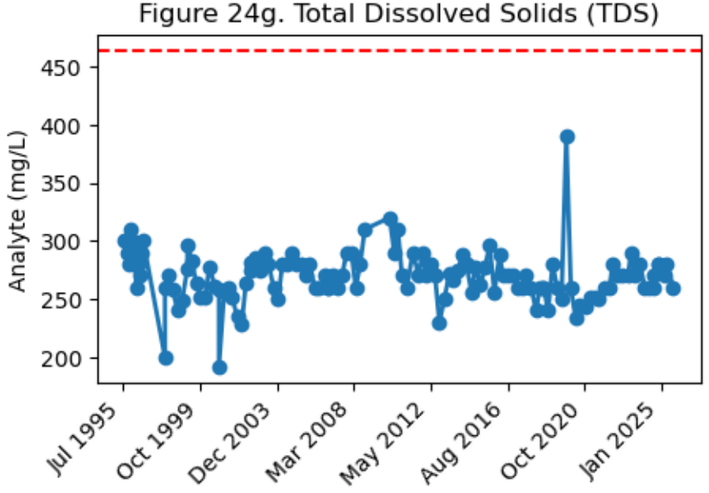


Figure 24g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M8-O Quarterly Analyte Graphs

Figure 25a. Temperature, Field

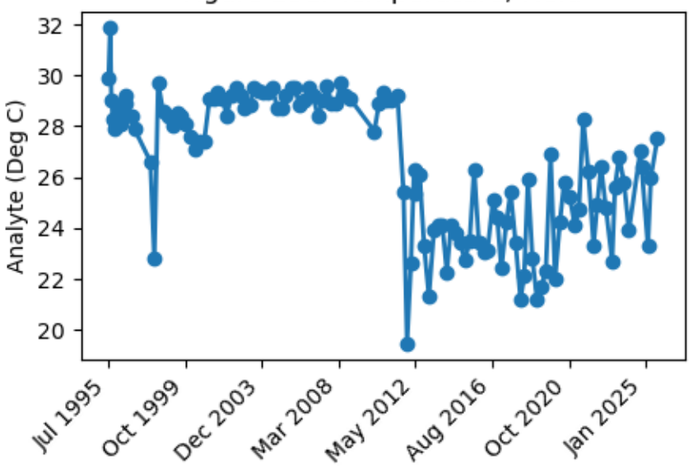


Figure 25b. pH, Field

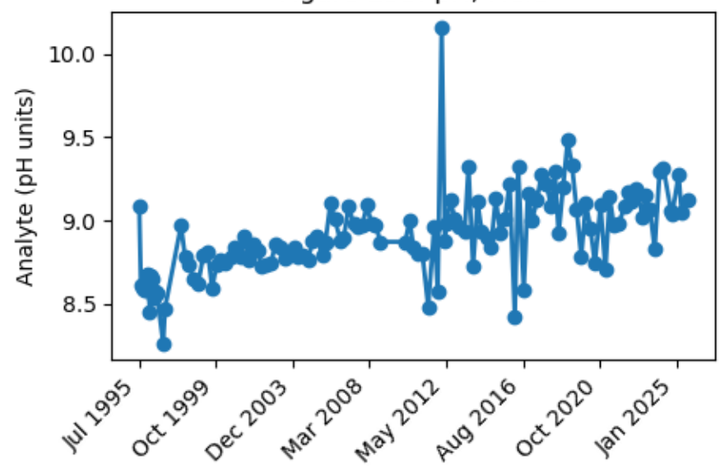


Figure 25c. Specific Conductance, Field

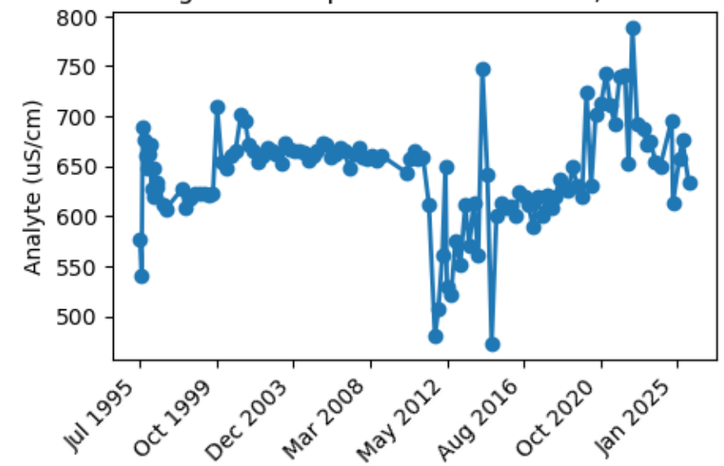


Figure 25d. Magnesium

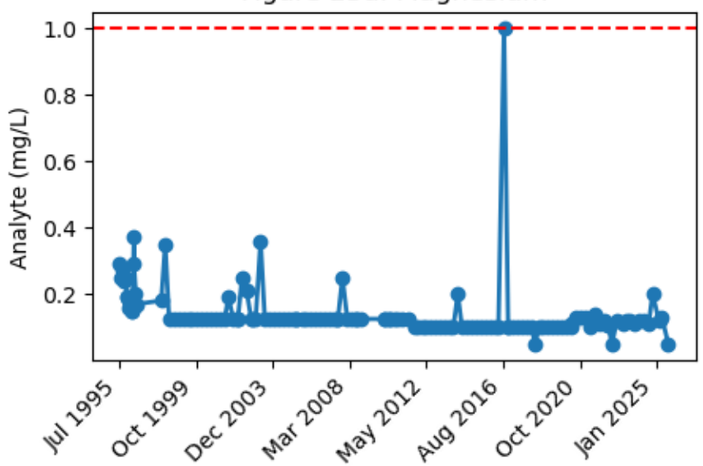


Figure 25e. Sulfate

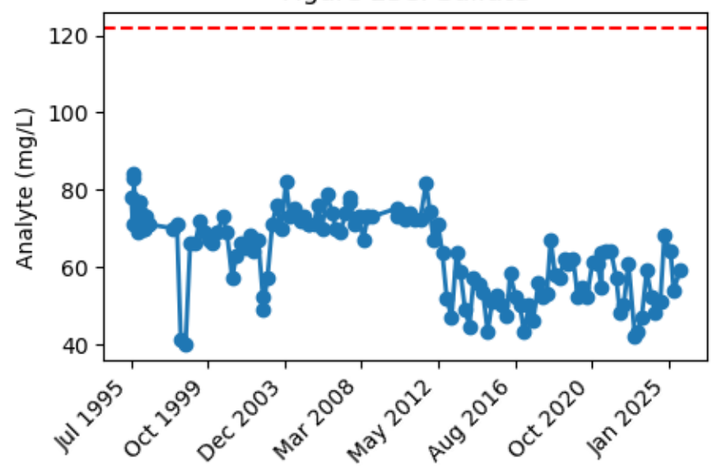


Figure 25f. Fluoride

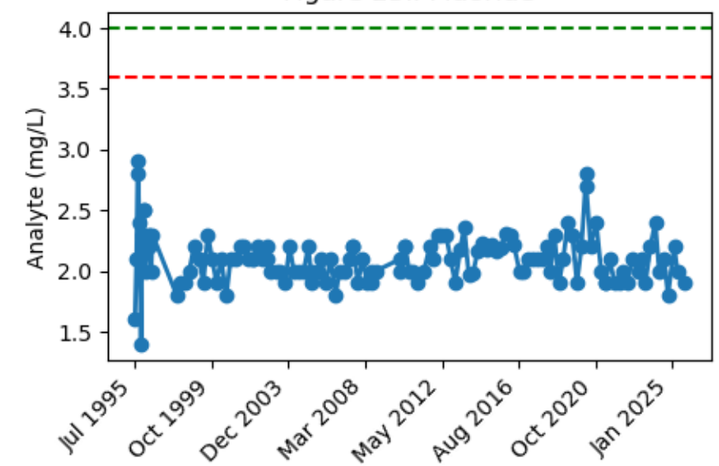
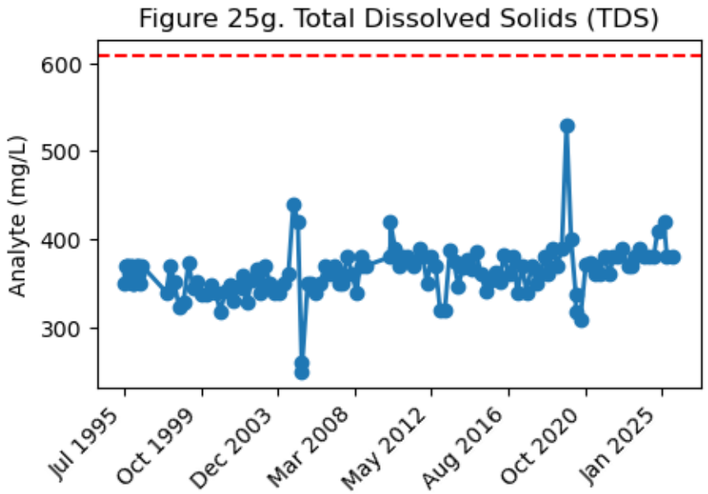


Figure 25g. Total Dissolved Solids (TDS)



AL
AQL
Analyte

Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

O19-GL Quarterly Analyte Graphs

Figure 26a. Temperature, Field

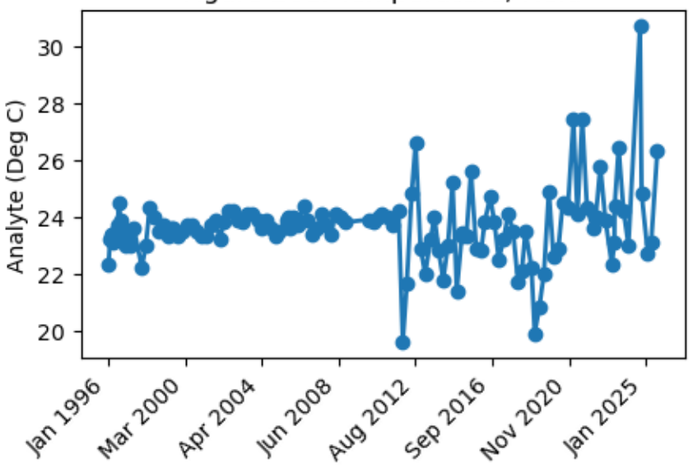


Figure 26b. pH, Field

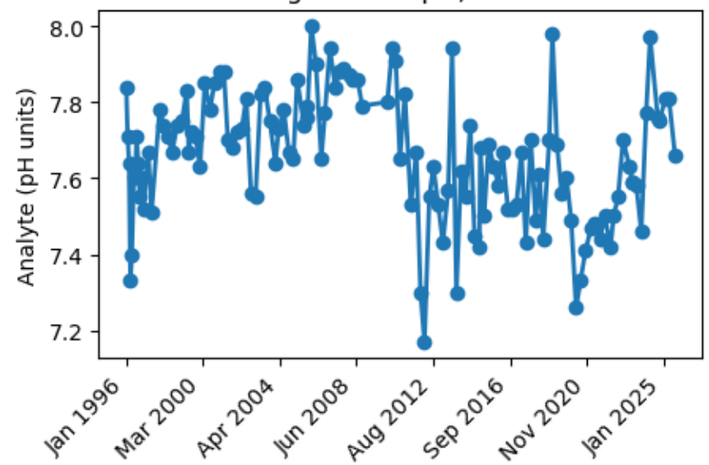


Figure 26c. Specific Conductance, Field

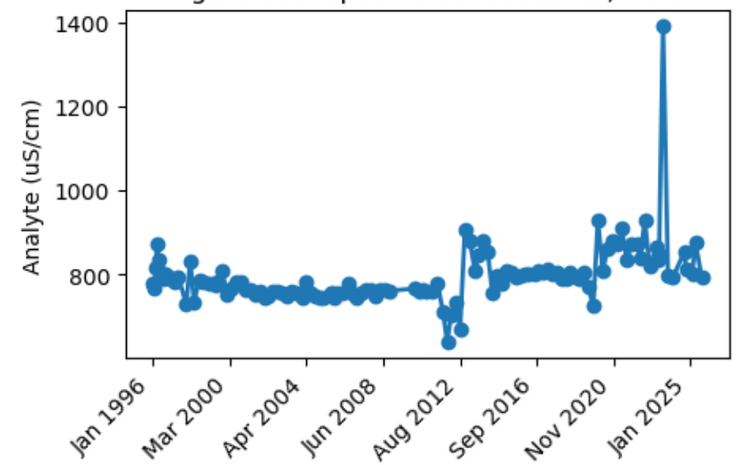


Figure 26d. Magnesium

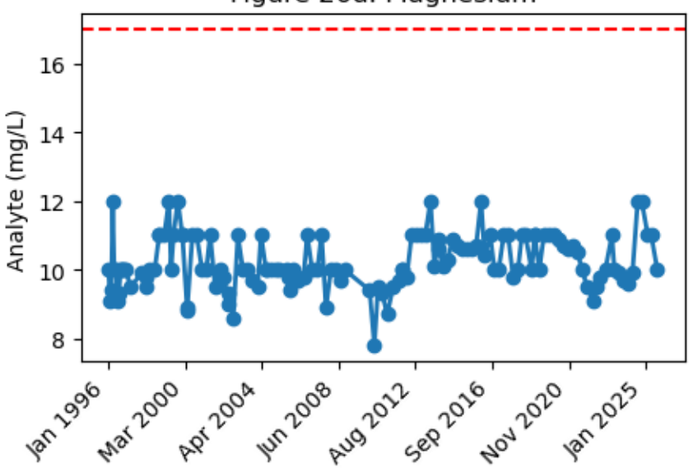


Figure 26e. Sulfate

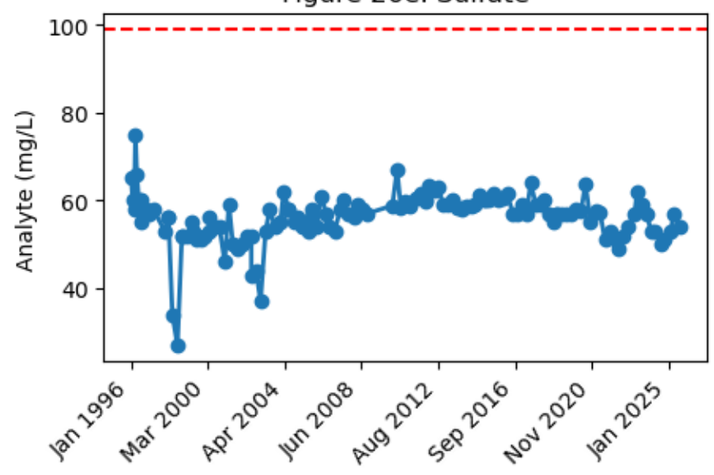


Figure 26f. Fluoride

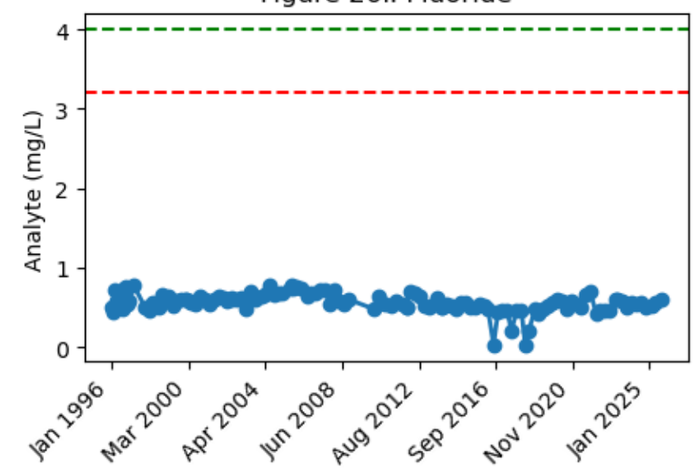
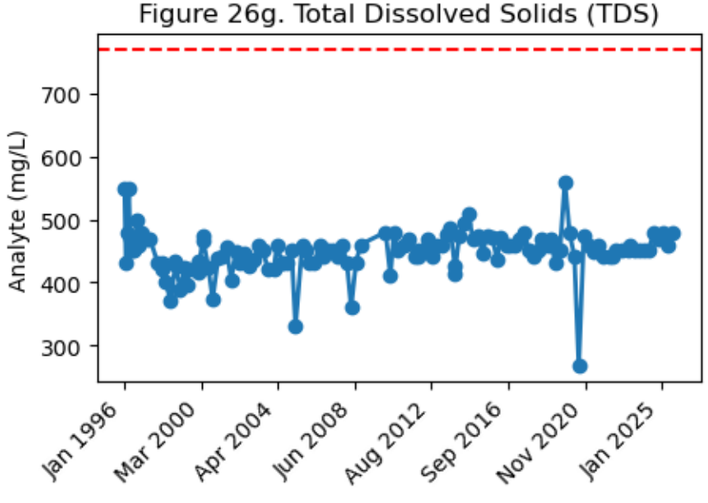


Figure 26g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

O49-GL(R) Quarterly Analyte Graphs

Figure 27a. Temperature, Field

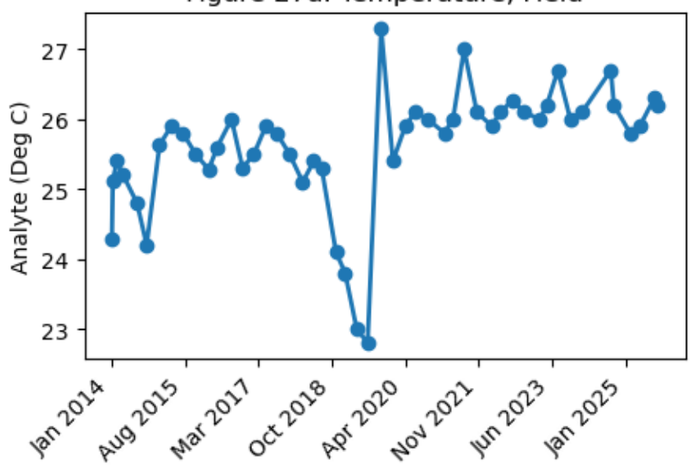


Figure 27b. pH, Field

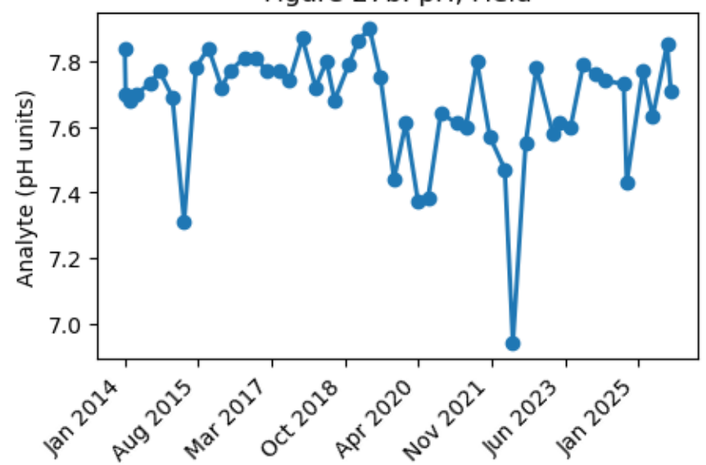


Figure 27c. Specific Conductance, Field

Figure 27d. Magnesium

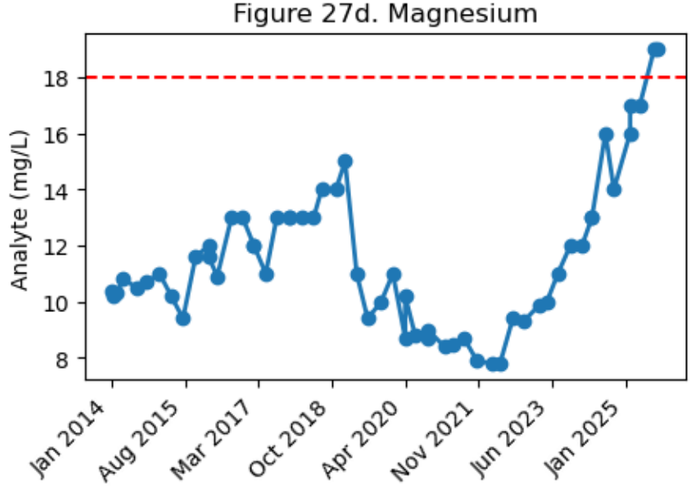


Figure 27e. Sulfate

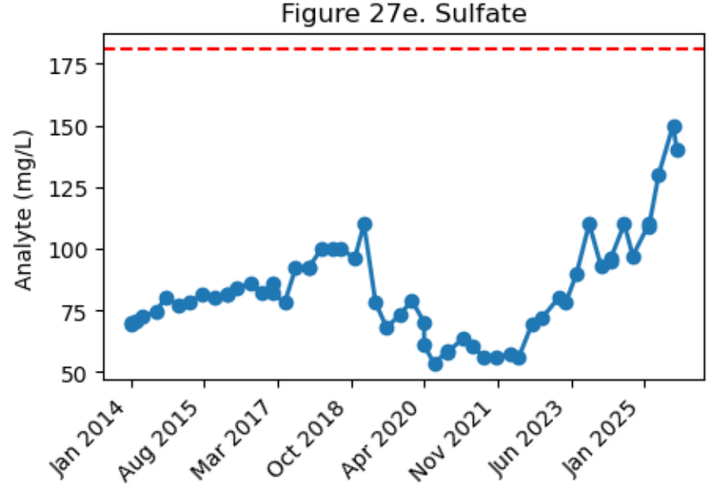


Figure 27f. Fluoride

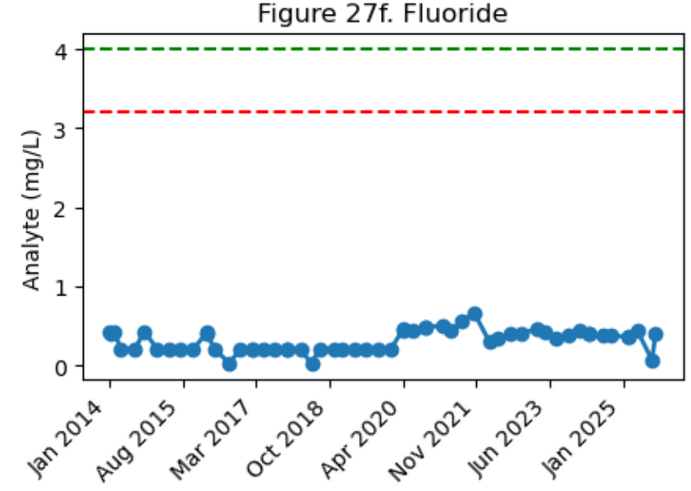
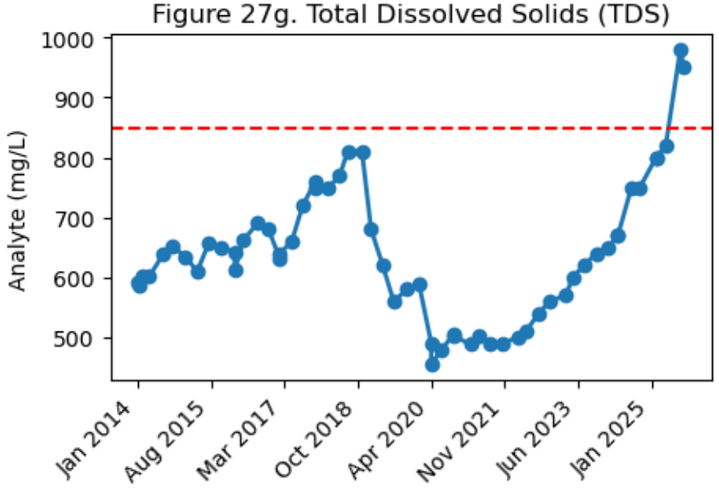


Figure 27g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

P19-1-O Quarterly Analyte Graphs

Figure 28a. Temperature, Field

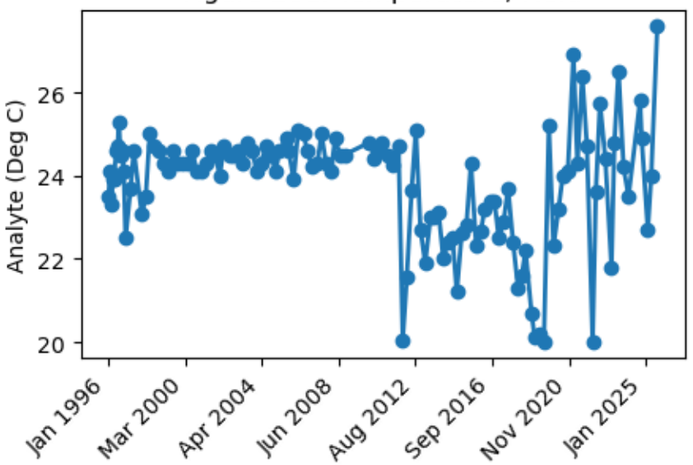


Figure 28b. pH, Field

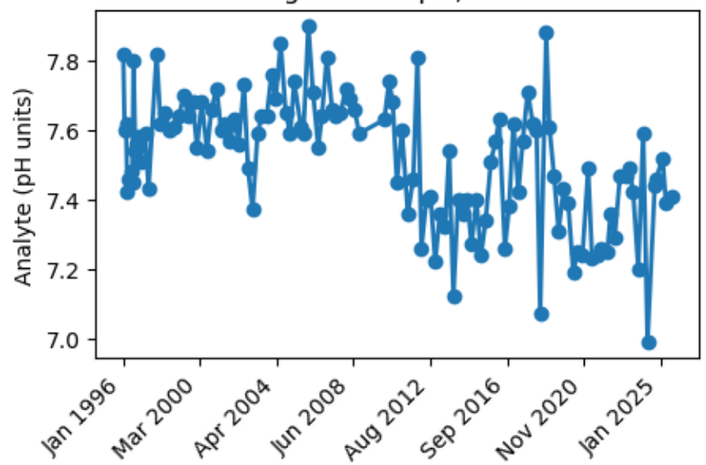


Figure 28c. Specific Conductance, Field

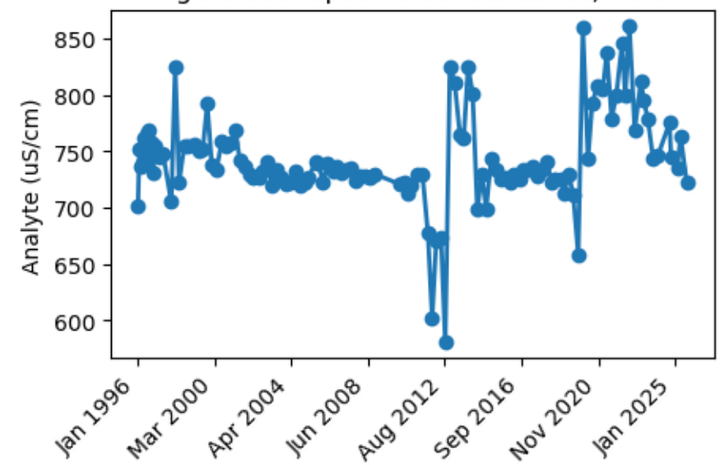


Figure 28d. Magnesium

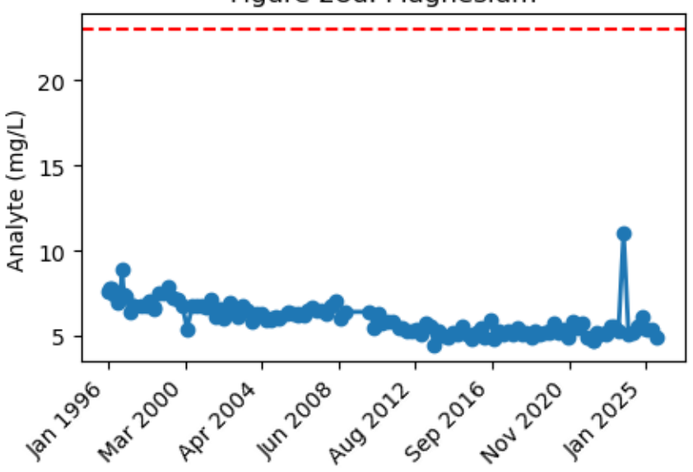


Figure 28e. Sulfate

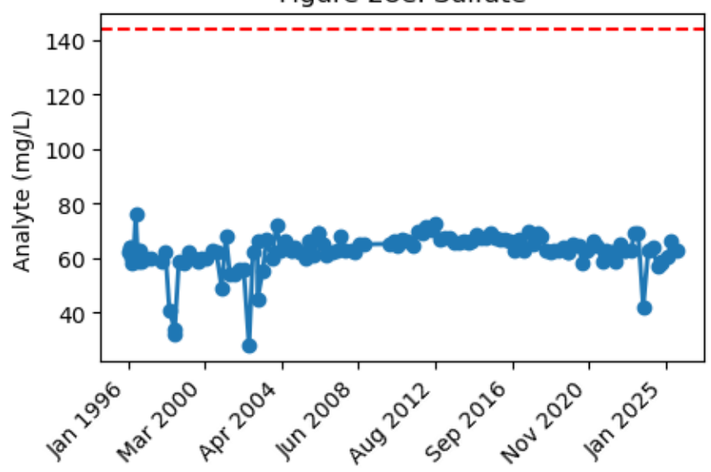


Figure 28f. Fluoride

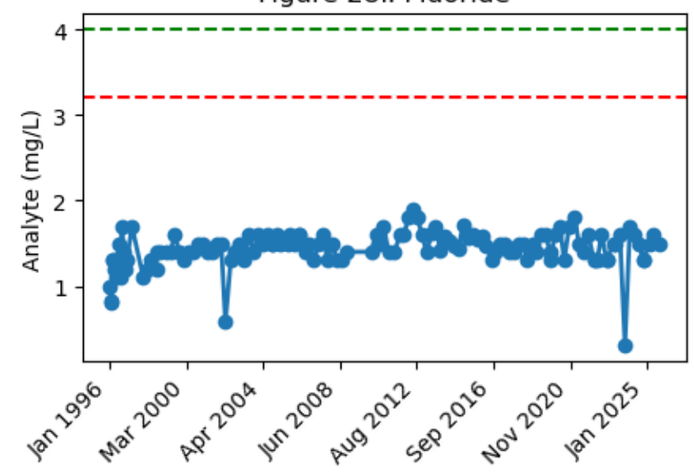
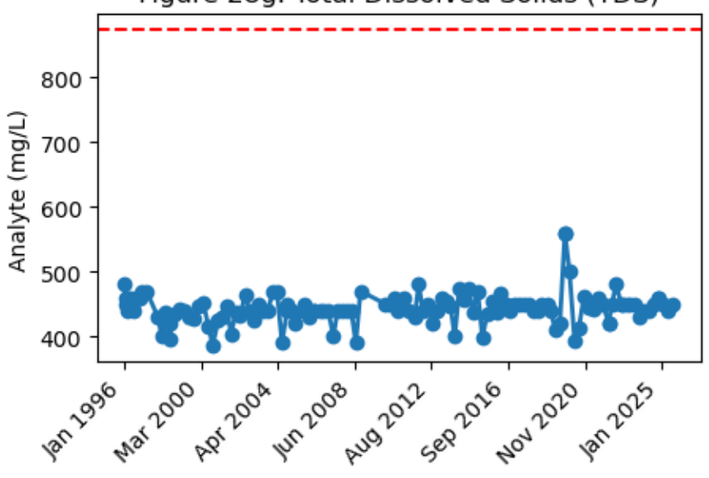


Figure 28g. Total Dissolved Solids (TDS)



Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

P49-O Quarterly Analyte Graphs

Figure 29a. Temperature, Field

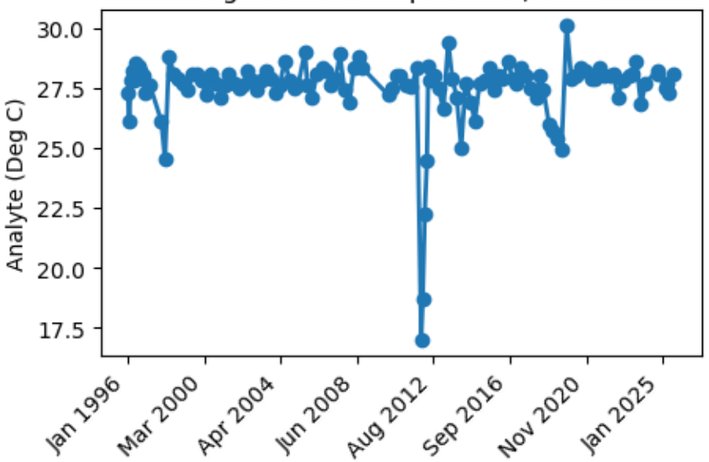


Figure 29b. pH, Field

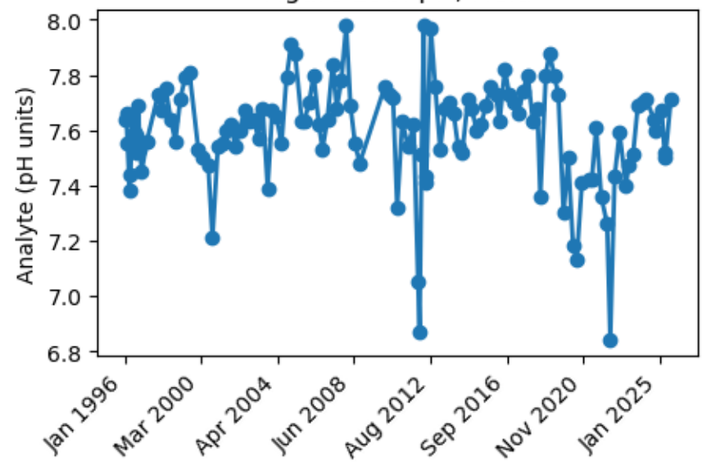


Figure 29c. Specific Conductance, Field

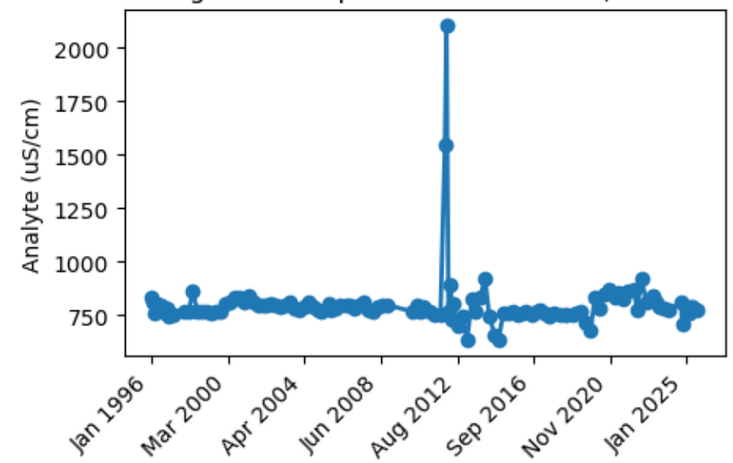


Figure 29d. Magnesium

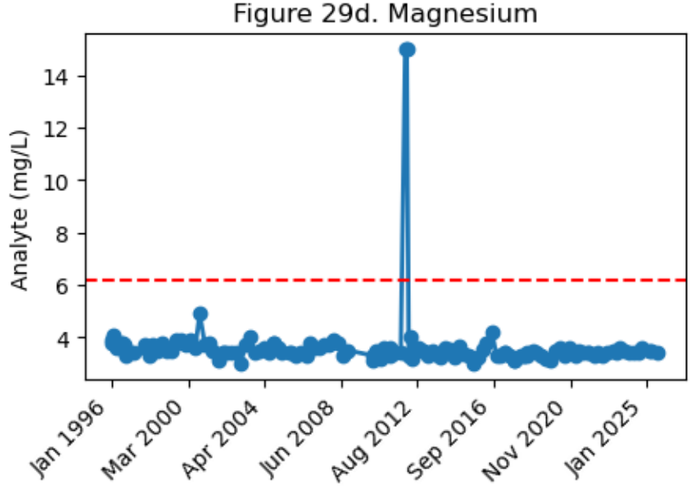


Figure 29e. Sulfate

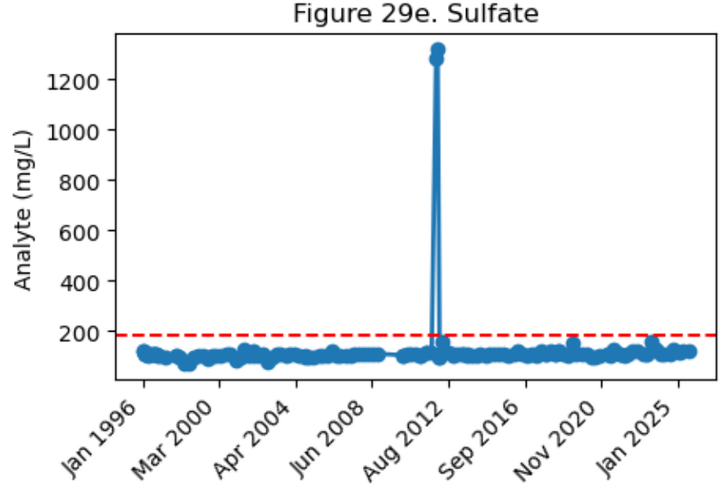


Figure 29f. Fluoride

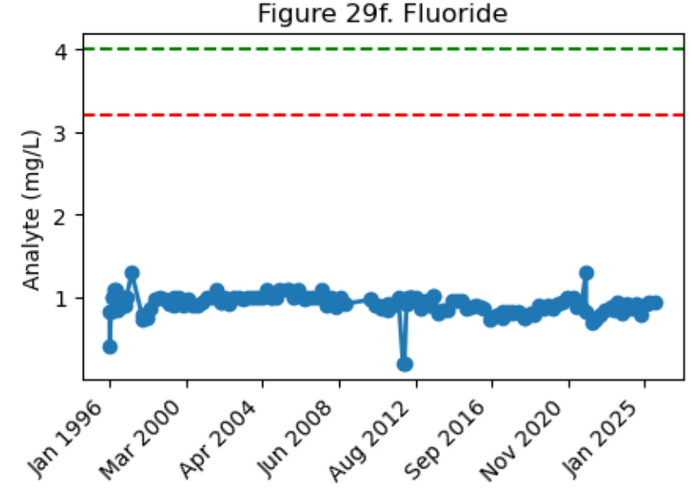
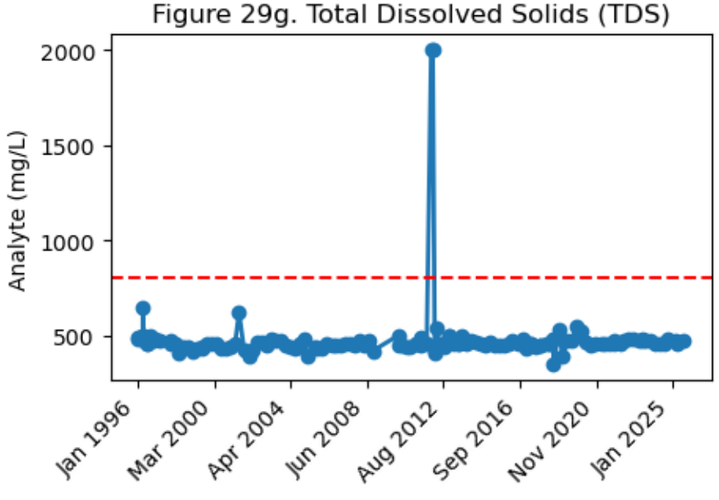
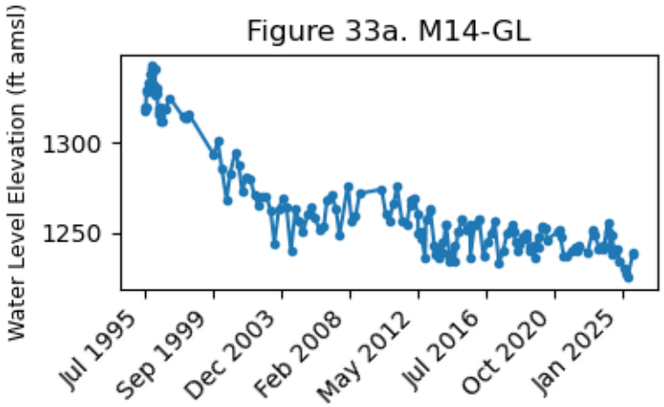


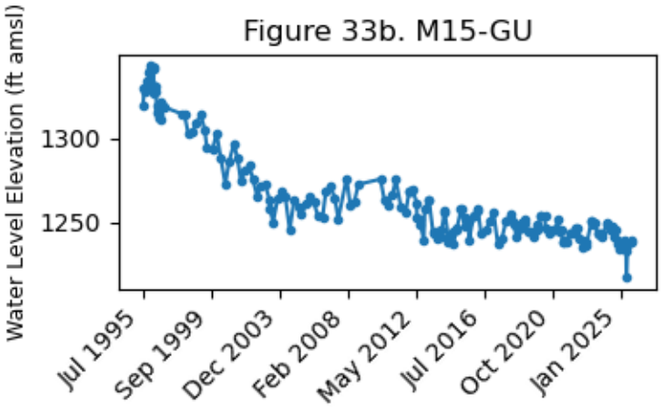
Figure 29g. Total Dissolved Solids (TDS)

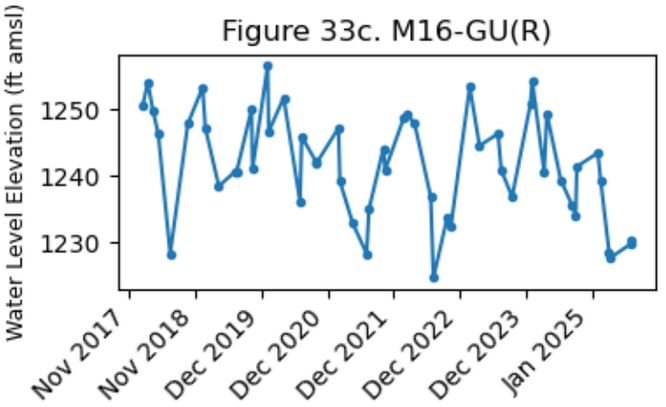


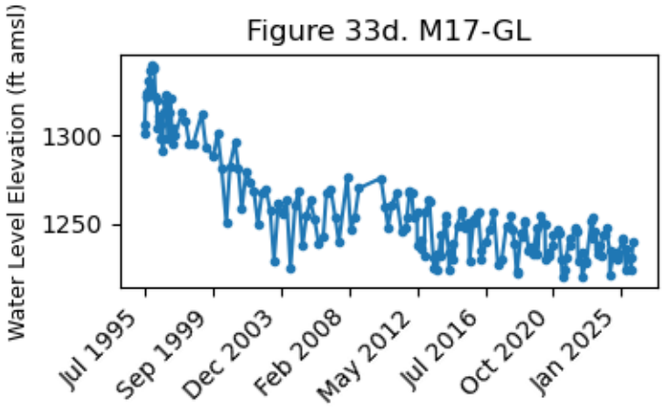
Notes:
AL = Alert Level
AQL = Aquifer Quality Limit
Non-detect results are represented as half the applicable reporting limit
mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

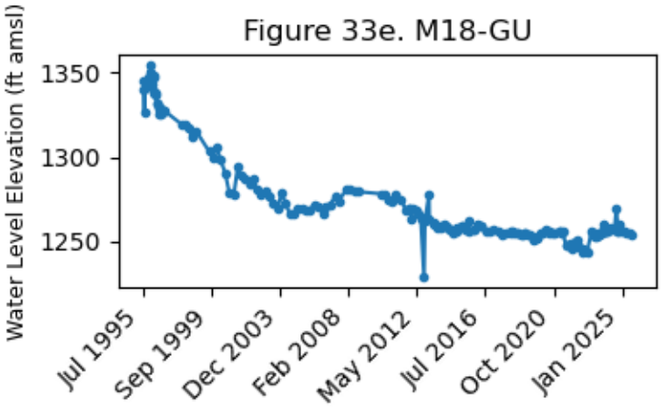
Water Level Elevation

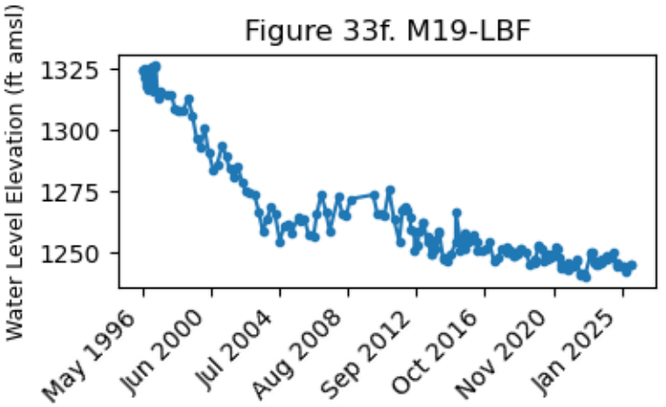


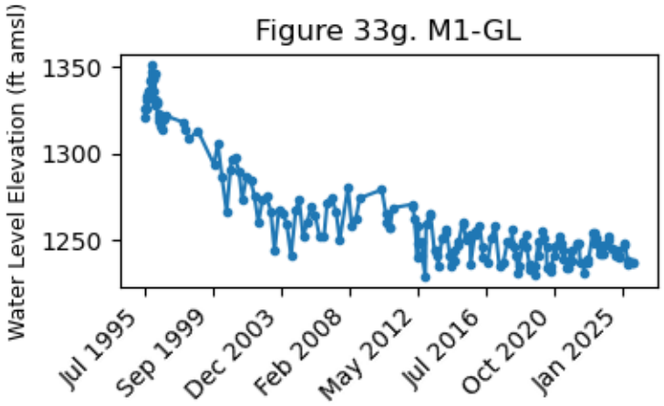


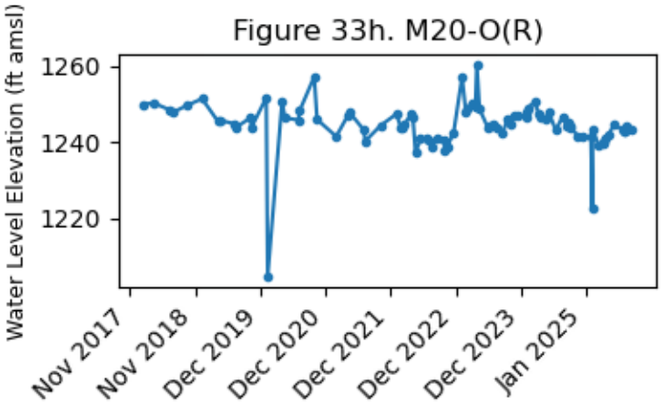


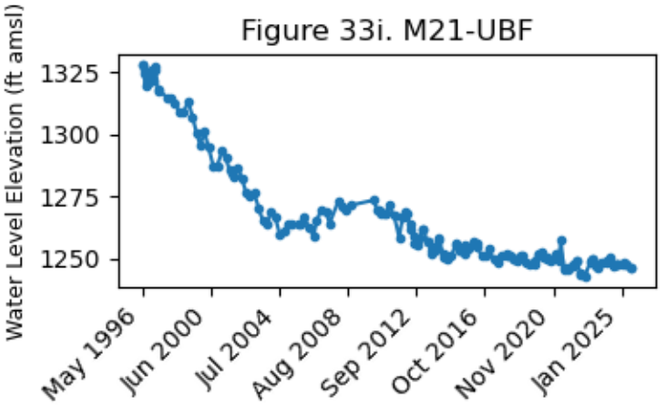


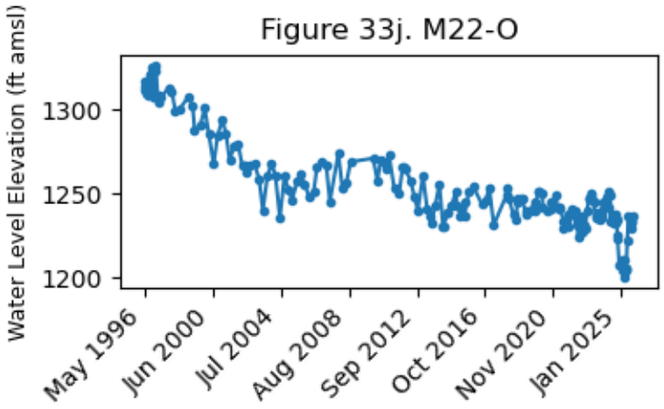


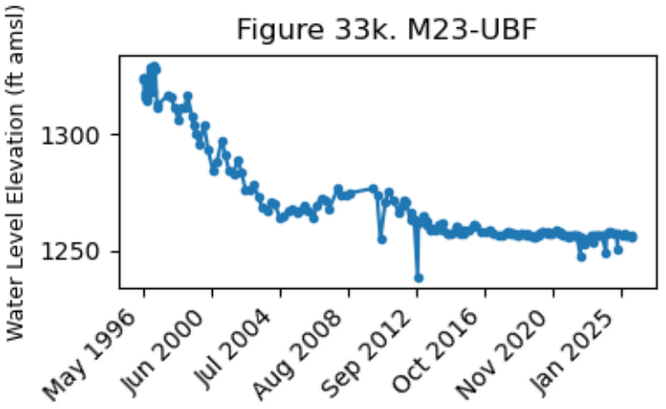






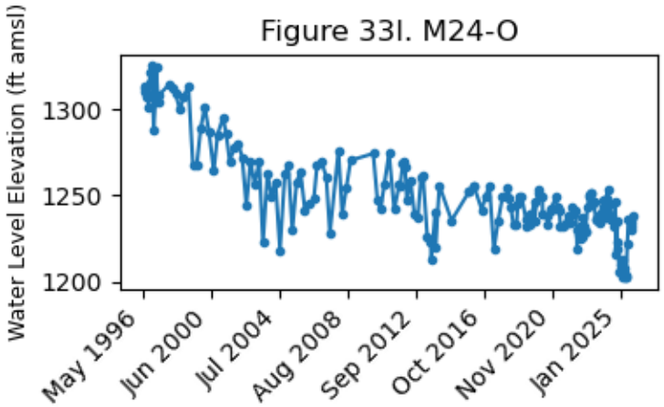


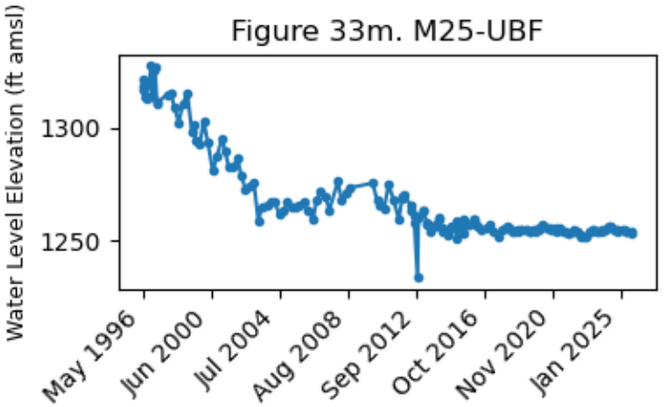


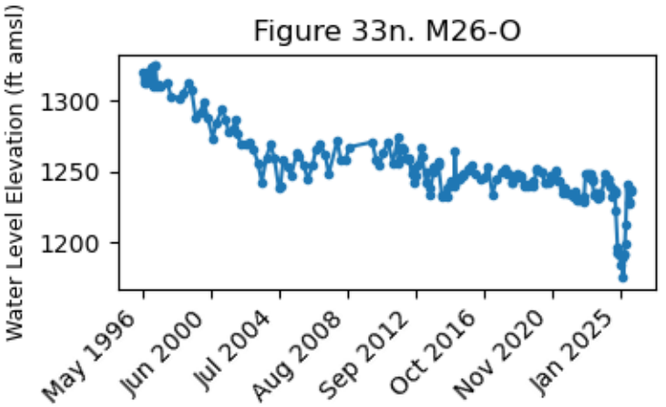


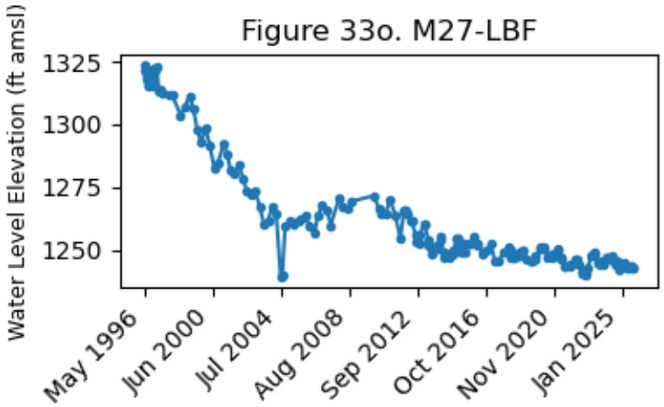
Notes:
amsl = above mean sea level

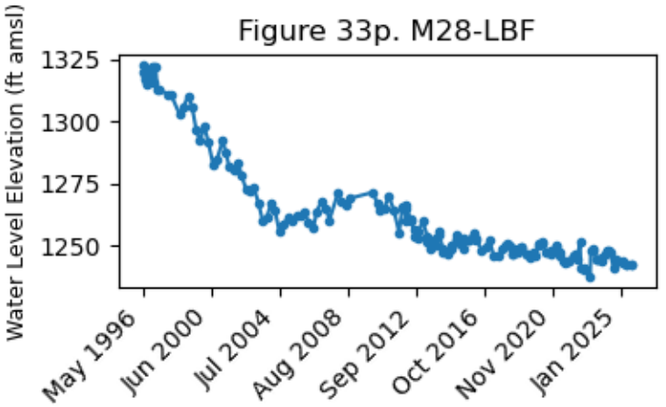
Water Level Elevation

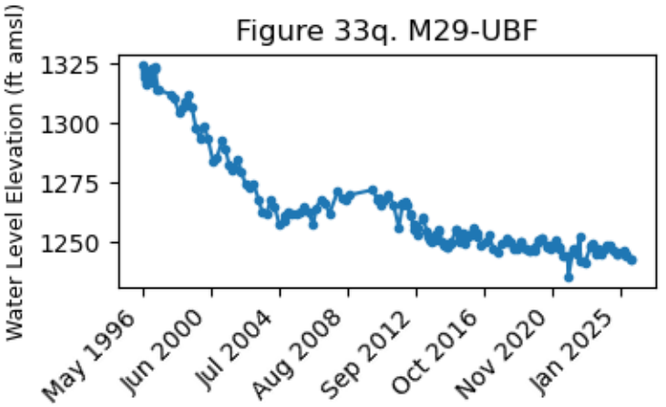


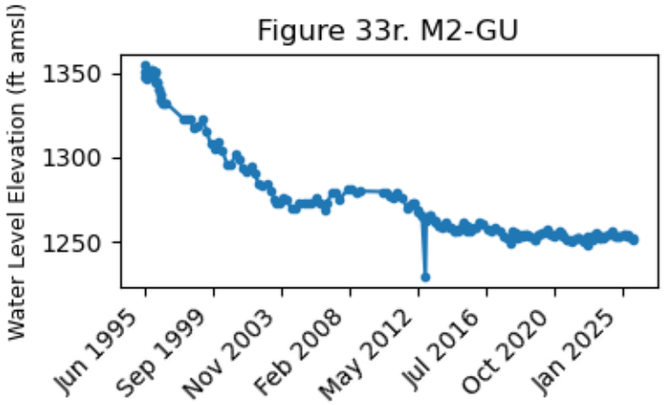


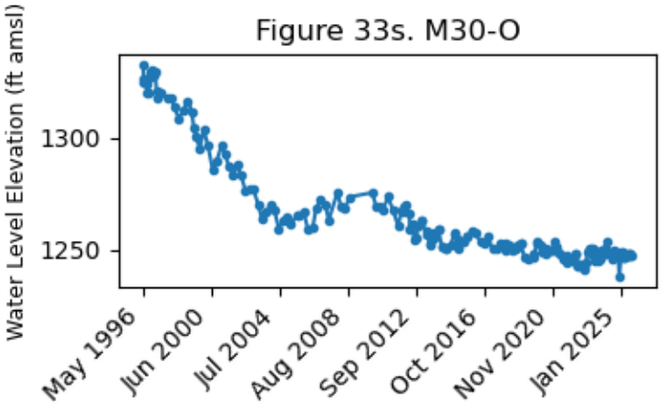


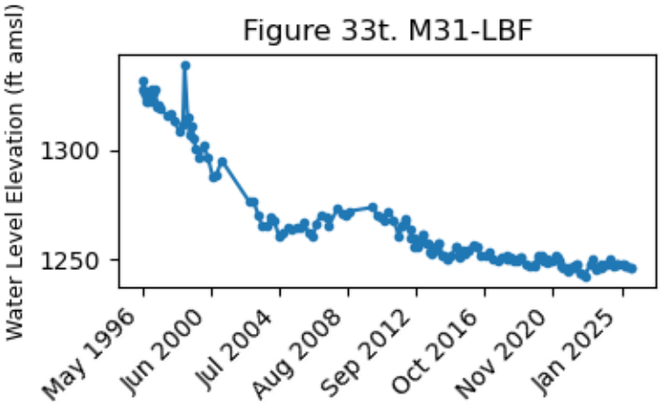


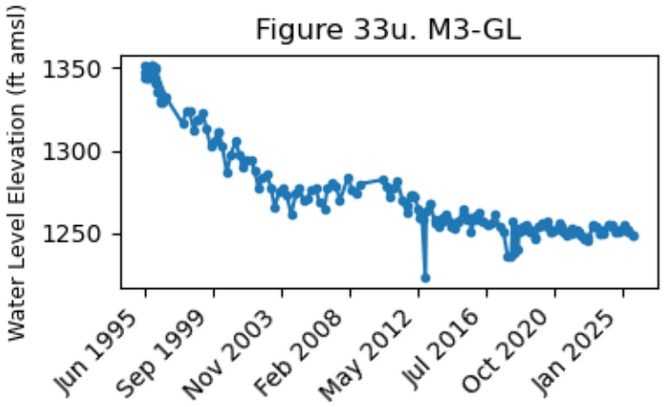


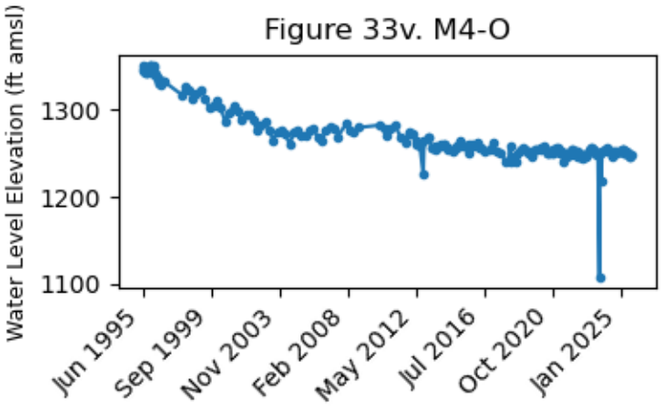






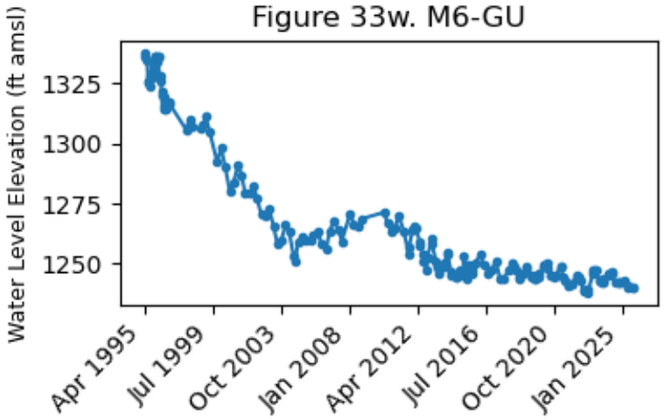


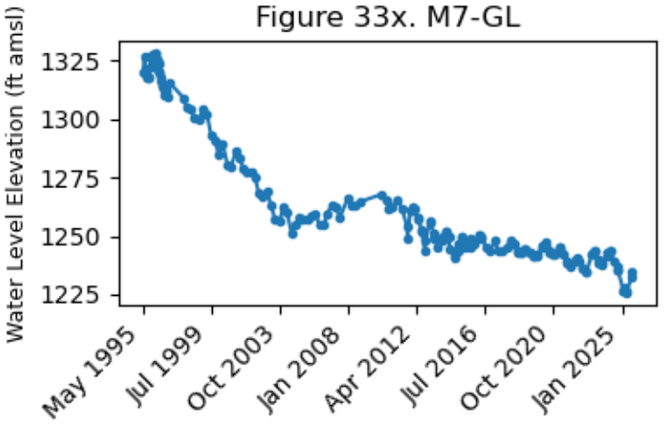


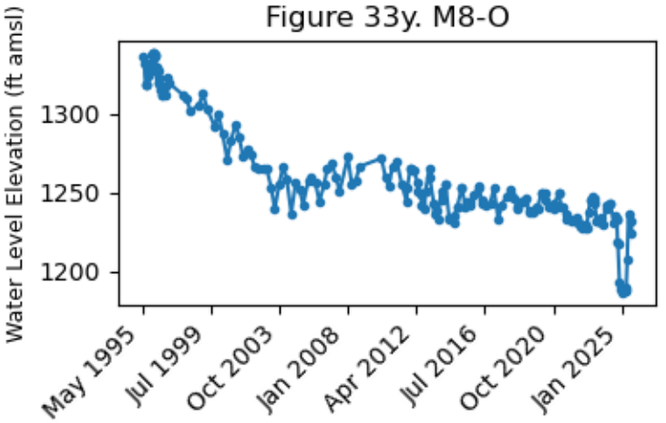


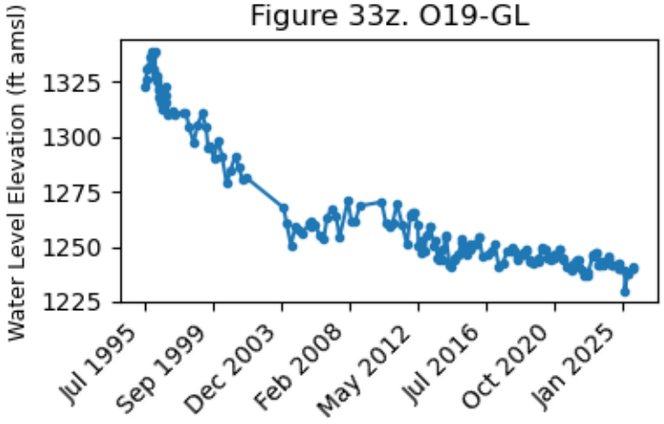
Notes:
amsl = above mean sea level

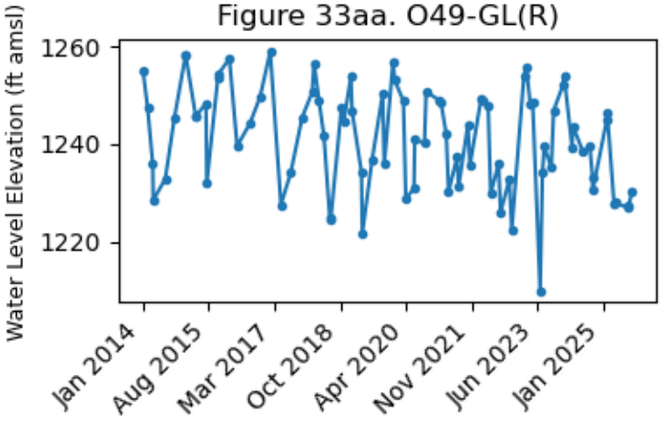
Water Level Elevation

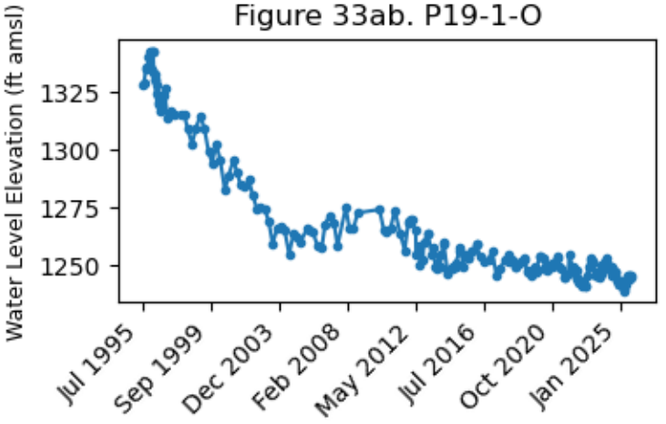


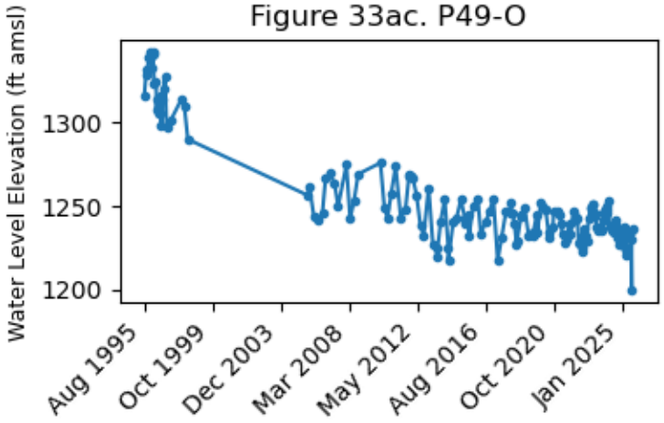












Notes:
amsl = above mean sea level

ATTACHMENT 5B

Well Details and Water Level Elevations

TABLE 1
SUMMARY OF QUARTERLY WATER LEVELS
FLORENCE COPPER LLC
FLORENCE, ARIZONA

Location ID	Date	Depth to Water (feet)	Description of Measuring Point	Elevation of Measuring Point (feet amsl)	Water Level Elevation (feet amsl)
M1-GL	08/11/2025	224.98	TOC	1461.75	1236.77
M1-GL	08/13/2025	224.38	TOC	1461.75	1237.37
M2-GU	08/11/2025	209.34	TOC	1460.80	1251.46
M2-GU	08/13/2025	209.03	TOC	1460.80	1251.77
M3-GL	08/11/2025	211.84	TOC	1460.74	1248.90
M3-GL	08/13/2025	212.07	TOC	1460.74	1248.67
M4-O	07/25/2025	212.00	TOC	1460.60	1248.60
M4-O	08/06/2025	213.36	TOC	1460.60	1247.24
M4-O	08/11/2025	213.20	TOC	1460.60	1247.40
M4-O	08/13/2025	212.99	TOC	1460.60	1247.61
M4-O	09/18/2025	212.74	TOC	1460.60	1247.86
M6-GU	08/11/2025	242.40	TOC	1482.45	1240.05
M6-GU	08/19/2025	242.51	TOC	1482.45	1239.94
M7-GL	08/11/2025	248.76	TOC	1481.22	1232.46
M7-GL	08/19/2025	246.67	TOC	1481.22	1234.55
M8-O	08/11/2025	256.23	TOC	1480.46	1224.23
M8-O	08/20/2025	248.32	TOC	1480.46	1232.14
M14-GL	08/11/2025	238.78	TOM	1477.12	1238.34
M14-GL	08/20/2025	238.40	TOM	1477.12	1238.72
M15-GU	08/11/2025	237.80	TOC	1476.53	1238.73
M15-GU	08/19/2025	237.20	TOC	1476.53	1239.33
M16-GU(R)	08/11/2025	238.79	TOC	1468.57	1229.78
M16-GU(R)	08/13/2025	238.28	TOC	1468.57	1230.29
M17-GL	08/11/2025	242.05	TOM	1466.16	1224.11
M17-GL	08/20/2025	235.42	TOM	1466.16	1230.74
M17-GL	09/24/2025	225.95	TOM	1466.16	1240.21
M18-GU	08/11/2025	207.81	TOM	1462.40	1254.59
M19-LBF	08/11/2025	244.97	TOM	1490.05	1245.08
M19-LBF	08/14/2025	244.93	TOM	1490.05	1245.12
M20-O(R)	07/25/2025	246.54	TOM	1489.98	1243.44
M20-O(R)	08/06/2025	247.19	TOM	1489.98	1242.79
M20-O(R)	08/11/2025	247.28	TOM	1489.98	1242.70
M20-O(R)	08/20/2025	245.69	TOM	1489.98	1244.29
M20-O(R)	09/18/2025	246.44	TOM	1489.98	1243.54
M21-UBF	08/11/2025	243.01	TOM	1489.52	1246.51
M21-UBF	08/14/2025	243.02	TOM	1489.52	1246.50
M22-O	07/25/2025	243.03	TOM	1476.06	1233.03
M22-O	08/06/2025	246.45	TOM	1476.06	1229.61
M22-O	08/11/2025	242.97	TOM	1476.06	1233.09
M22-O	08/14/2025	242.17	TOM	1476.06	1233.89
M22-O	09/18/2025	239.80	TOM	1476.06	1236.26
M23-UBF	08/11/2025	221.55	TOM	1477.61	1256.06
M23-UBF	08/14/2025	221.40	TOM	1477.61	1256.21
M24-O	07/25/2025	233.47	TOM	1469.29	1235.82
M24-O	08/06/2025	239.18	TOM	1469.29	1230.11
M24-O	08/11/2025	237.60	TOM	1469.29	1231.69
M24-O	08/20/2025	235.01	TOM	1469.29	1234.28
M24-O	09/18/2025	231.52	TOM	1469.29	1237.77
M25-UBF	08/11/2025	215.73	TOM	1469.27	1253.54

TABLE 1
SUMMARY OF QUARTERLY WATER LEVELS
FLORENCE COPPER LLC
FLORENCE, ARIZONA

Location ID	Date	Depth to Water (feet)	Description of Measuring Point	Elevation of Measuring Point (feet amsl)	Water Level Elevation (feet amsl)
M25-UBF	08/13/2025	215.52	TOM	1469.27	1253.75
M26-O	07/25/2025	251.21	TOM	1488.41	1237.20
M26-O	08/06/2025	260.77	TOM	1488.41	1227.64
M26-O	08/11/2025	259.04	TOM	1488.41	1229.37
M26-O	08/18/2025	252.56	TOM	1488.41	1235.85
M26-O	09/18/2025	250.26	TOM	1488.41	1238.15
M27-LBF	07/03/2025	245.00	TOM	1488.85	1243.85
M27-LBF	08/11/2025	245.93	TOM	1488.85	1242.92
M27-LBF	08/18/2025	245.92	TOM	1488.85	1242.93
M28-LBF	08/11/2025	247.30	TOM	1489.45	1242.15
M28-LBF	08/18/2025	247.22	TOM	1489.45	1242.23
M29-UBF	08/11/2025	246.85	TOM	1489.49	1242.64
M29-UBF	08/18/2025	246.65	TOM	1489.49	1242.84
M30-O	07/25/2025	238.53	TOM	1486.36	1247.83
M30-O	08/06/2025	239.10	TOM	1486.36	1247.26
M30-O	08/11/2025	238.10	TOM	1486.36	1248.26
M30-O	08/14/2025	238.25	TOM	1486.36	1248.11
M30-O	09/18/2025	238.93	TOM	1486.36	1247.43
M31-LBF	08/11/2025	239.26	TOM	1485.93	1246.67
M31-LBF	08/14/2025	239.25	TOM	1485.93	1246.68
O19-GL	08/11/2025	242.85	TOM	1483.28	1240.43
O49-GL(R)	08/11/2025	238.98	TOM	1465.83	1226.85
O49-GL(R)	08/12/2025	238.40	TOM	1465.83	1227.43
O49-GL(R)	09/10/2025	235.63	TOM	1465.83	1230.20
P19-1-O	07/25/2025	242.95	TOM	1488.28	1245.33
P19-1-O	08/06/2025	244.48	TOM	1488.28	1243.80
P19-1-O	08/11/2025	242.72	TOM	1488.28	1245.56
P19-1-O	08/19/2025	242.95	TOM	1488.28	1245.33
P19-1-O	09/18/2025	243.25	TOM	1488.28	1245.03
P49-O	07/25/2025	227.83	TOM	1463.12	1235.29
P49-O	08/11/2025	263.70	TOM	1463.12	1199.42
P49-O	08/12/2025	233.34	TOM	1463.12	1229.78
P49-O	09/18/2025	226.78	TOM	1463.12	1236.34

Notes:

amsl = above mean sea level

NM = not measured

TOC = top of casing

TOM = top of monument

ATTACHMENT 5C

Groundwater Monitoring Summary

HALEY & ALDRICH, INC.
201 East Washington Street
Suite 1795
Phoenix, AZ 85004
602.760.2450

TECHNICAL MEMORANDUM

October 28, 2025
File No. 133887-020

REGISTERED GEOLOGIST
CERTIFICATE NO.
48445
LAURA L.J.
MENKEN
Date Signed 10/28/25
ARIZONA, U.S.A.
exp 9/30/2026

TO: Florence Copper LLC
Mark Severson, P.E., Environmental Manager
Mikel Smothermon, MS, RA, Senior Environmental Supervisor

FROM: Haley & Aldrich, Inc.
Laura Menken, R.G., Project Manager
Mark Nicholls, R.G., Lead Hydrogeologist

SUBJECT: Florence Copper Project, Quarterly Compliance Monitoring Report
Underground Injection Control (UIC) Permit
Third Quarter 2025

Haley & Aldrich, Inc. has prepared this memorandum to convey the results of the quarterly compliance groundwater monitoring conducted during the third quarter (Q3) 2025 at the Florence Copper Project. The Florence Copper Project is subject to Underground Injection Control (UIC) Permit No. R9UIC-AZ3-FY19-1 dated October 10, 2025 issued by the U.S. Environmental Protection Agency (USEPA).

Previous quarterly memoranda also included groundwater monitoring performed under Aquifer Protection Permit (APP) No. P-101704. As of October 9, 2025, the APP (LTF 109863) has been amended, and monitoring the wells reported herein are only subject to the UIC Permit, rather than both permits. Monitoring wells subject to the APP will be reported separately to the Arizona Department of Environmental Quality (ADEQ) using the Self-Monitoring Reporting Form (SMRF) as indicated in the amended permit.

This memorandum conveys the results of the Q3 2025 groundwater monitoring activities required by the UIC Permit.

SAMPLING ACTIVITIES

During Q3 2025, monitoring was conducted at 29 point of compliance (POC) wells. Water levels were measured on August 11, 2025, and quarterly groundwater sampling was conducted between August 12 and September 24, 2025. Groundwater sampling and analysis was conducted in accordance with Section II.F of the UIC Permit.

The majority of the monitoring wells are equipped with dedicated low-flow bladder pumps. Low-flow sampling was conducted in accordance with Section II.F of the UIC Permit. Wells M4-O, M14-GL, M15-GU, M16-GU(R), M17-GL, M18-GU, M20-O(R), M22-O, M24-O, O49-GL(R), and P49-O are equipped with dedicated stainless steel electric submersible pumps. These wells were sampled by purging a minimum of three borehole volumes, except for well M20-O(R), which was purged dry for two consecutive days and allowed to recharge prior to sampling. Well M17-LBF was sampled using a HydraSleeve™ because the well would not produce enough water to support sample pump operation. The HydraSleeves was installed at least 24 hours before sample collection. No other modified sampling procedures were used.

Each sample was labeled, placed in a cooler with ice, maintained at 4 degrees Celsius (°C) ± 2°C, and transported under chain of custody to Turner Laboratories, Inc. for analysis. Samples were analyzed for the quarterly (Level 1) monitoring parameters listed in Table 1 of the UIC Permit.

RESULTS

The results of the Q3 2025 monitoring event are presented in Tables 1 and 2 as follows:

- Table 1 – Q3 2025 Field Parameters;[1] and
- Table 2 – Q3 2025 Quarterly (Level 1) Analytical Parameters

The Q3 2025 results were compared to the alert levels (AL) and aquifer quality limits (AQL) listed in the applicable tables in Appendix J of the UIC Permit.

No AQL exceedances occurred during Q3 2025. An AL exceedance of magnesium at POC wells M17-GU and O49-GL(R) and an AL exceedance of total dissolved solids (TDS) at O49-GL(R) occurred during Q3 2025. Monthly monitoring of wells M18-GU and M27-LBF was continued during Q3 2025 due to previous AL exceedances, as discussed further below. A quality assurance/quality control summary of Q3 2025 data is provided in Appendix A.

CONTINGENCY SAMPLING PLANS

Contingency sampling plan procedures consistent with Section II.H.2.a of the UIC Permit were implemented during Q3 2025.

Point of Compliance Well M17-GU

On September 23, 2025, Florence Copper LLC (Florence Copper) was informed of a potential magnesium AL exceedance in well M17-GU from the sample collected on August 20, 2025 after laboratory reanalysis confirmed the sample result. In accordance with UIC Section II.H.2.a, a verification sample was collected on September 24, 2025. On October 7, 2025, Florence Copper was notified that the verification sample confirmed the magnesium exceedance. Sample results are provided below.

[1] Note that turbidity was monitored as a field parameter in addition to field pH, temperature, and specific conductance, but is not required by the UIC Permit and therefore is not reported.

Results for Well M17-GU				
Date	**Parameter**	**Result**	**UIC Permit AL**	**UIC Permit AQL**
August 20, 2025	Magnesium	**14 mg/L**	9.3 mg/L	No AQL
September 24, 2025		**23 mg/L**	9.3 mg/L	No AQL

Notes:
Bold *= Exceedances*
AL = alert level
AQL = aquifer quality limit
mg/L = milligrams per liter
UIC Permit = Underground Injection Control Permit

Florence Copper submitted an initial notification to USEPA on October 9, 2025. On October 15, 2025 Florence Copper submitted a mitigation report describing well redevelopment activities by purging well volumes with a pump. A sample will be collected after redevelopment to evaluate magnesium concentrations.

Point of Compliance Well O49-GL(R)

On September 8, 2025, Florence Copper was verbally informed of potential AL exceedances of magnesium and TDS in well O49-GL(R) from the sample collected on August 12, 2025 after laboratory reanalysis confirmed the sample results. In accordance with UIC Section II.H.2.a, a verification sample was collected on September 10, 2025. On October 1, 2025, Florence Copper was notified that the verification sample results confirmed the magnesium and TDS exceedances.

Results for Well O49-GL(R)				
Date	**Parameter**	**Result**	**UIC Permit AL**	**UIC Permit AQL**
August 12, 2025	Magnesium	**19 mg/L**	18 mg/L	No AQL
	TDS	**980 mg/L**	849 mg/L	No AQL
September 10, 2025	Magnesium	**19 mg/L**	18 mg/L	No AQL
	TDS	**950 mg/L**	849 mg/L	No AQL

Notes:
Bold *= Exceedances*
AL = alert level
AQL = aquifer quality limit
mg/L = milligrams per liter
TDS = total dissolved solids
UIC Permit = Underground Injection Control Permit

Florence Copper submitted an initial notification to USEPA on October 3, 2025. On October 10, 2025 Florence Copper submitted a mitigation report describing well redevelopment activities including airlifting and brushing. A sample will be collected after redevelopment to evaluate magnesium and TDS concentrations.

Point of Compliance Well M18-GU

Well M18-GU had a confirmed magnesium AL exceedance in Q2 2023. In accordance with Section 2.6.2.5.1 of the APP active at the time, Florence Copper initiated monthly sampling of quarterly compliance monitoring parameters during Q2 2023. During Q3 2025, sample collection was attempted on July 3 and August 26, 2025. During both attempts, the well pumped dry, and collection of a sample was not feasible because the well did not produce enough water. Well M18-GU has been dry since July 2023. Monthly sampling is no longer required under the current permits. Florence Copper will attempt to sample the well on a quarterly basis to confirm water level conditions.

Point of Compliance Well M27-LBF

Well M27-LBF had a confirmed sulfate AL exceedance in Q1 2025. Florence Copper submitted an initial notification to USEPA and ADEQ on April 8, 2025, and a summary of their investigation on April 13, 2025. In accordance with Section 2.6.2.5.1 of the APP (now superseded by LTF 109863), Florence Copper initiated monthly sampling of quarterly compliance monitoring parameters.

In Q3 2025, well M27-LBF was sampled on July 3 and August 18, 2025. Results are provided in the table below. All parameters were below their respective ALs/AQLs in each sample.

Results for Well M27-LBF				
Date	**Parameter**	**Result**	**APP(1) & UIC Permit AL**	**APP(1) & UIC Permit AQL**
July 3, 2025	Sulfate	100 mg/L	179 mg/L	No AQL
August 18, 2025		170 mg/L	179 mg/L	No AQL

Notes:
(1) APP active at the time of sampling, LTF 102081
Bold *= Exceedances*
AL = alert level
APP = Aquifer Protection Permit
AQL = aquifer quality limit
mg/L = milligrams per liter
UIC Permit = Underground Injection Control Permit

The sample collected on July 3, 2025 marks the fourth consecutive sample in which all parameters have remained below their respective ALs and AQLs. Therefore, in accordance with Section 2.6.2.5.1 of the superseded APP, Florence Copper discontinued monthly monitoring of well M27-LBF. The well will be sampled in the fourth quarter as required by the UIC Permit.

Attachments:

Table 1 – Q3 2025 Field Parameters
Table 2 – Q3 2025 Quarterly (Level 1) Analytical Parameters
Appendix A – Data Quality Assurance/Quality Control Summary

TABLES

TABLE 1
Q3 2025 FIELD PARAMETERS
FLORENCE COPPER LLC
FLORENCE, ARIZONA

Location	Sample Date	Temperature, Field Deg C	Temperature, Field Deg F	pH, Field pH units	Specific Conductance, Field µmhos/cm
M1-GL	08/13/2025	27.2	81.0	7.56	1156
M2-GU	08/13/2025	24.9	76.8	7.43	1748
M3-GL	08/13/2025	24.1	75.4	7.43	1615
M4-O	08/13/2025	23.6	74.5	7.51	702
M6-GU	08/19/2025	28.2	82.8	8.41	666
M7-GL	08/19/2025	28.8	83.8	9.22	485
M8-O	08/20/2025	27.5	81.5	9.12	633
M14-GL	08/20/2025	26.3	79.3	7.77	848
M15-GU	08/19/2025	25.7	78.3	7.44	1459
M16-GU(R)	08/13/2025	24.5	76.1	7.51	1576
M17-GL	08/20/2025	28.0	82.4	8.49	964
M17-GL(1)	09/24/2025	22.7	72.9	7.89	1125
M19-LBF	08/14/2025	26.0	78.8	7.70	805
M20-O(R)	08/20/2025	24.1	75.4	7.23	775
M21-UBF	08/14/2025	26.1	79.0	7.32	1592
M22-O	08/14/2025	27.6	81.7	8.37	746
M23-UBF	08/14/2025	25.0	77.0	7.25	1836
M24-O	08/20/2025	30.5	86.9	7.92	1573
M25-UBF	08/13/2025	26.3	79.3	7.18	2347
M26-O	08/18/2025	29.6	85.3	8.68	502
M27-LBF	07/03/2025	25.0	77.0	7.15	1818
M27-LBF(2)	08/18/2025	25.8	78.4	7.51	1693
M28-LBF	08/18/2025	27.1	80.8	8.81	633
M29-UBF	08/18/2025	27.2	81.0	7.13	1603
M30-O	08/14/2025	25.5	77.9	7.55	875
M31-LBF	08/14/2025	26.1	79.0	7.47	1532
O19-GL	08/19/2025	26.3	79.3	7.66	791
O49-GL(R)	08/12/2025	26.3	79.3	7.85	1600
O49-GL(R)(3)	09/10/2025	26.2	79.2	7.71	1582
P19-1-O	08/19/2025	27.6	81.7	7.41	722
P49-O	08/12/2025	28.1	82.6	7.71	772

Notes:

(1) Confirmation sample collected on 9/24/2025.
(2) Increased frequency monitoring conducted on 7/3/2025.
(3) Confirmation sample collected on 9/10/2025.
µmhos/cm = micromhos per centimeter
Deg C = degrees Celsius
Deg F = degrees Fahrenheit

TABLE 2

Q3 2025 QUARTERLY (LEVEL 1) ANALYTICAL PARAMETERS

FLORENCE COPPER LLC

FLORENCE, ARIZONA

Location ID	Sample Date	Sample Type	Magnesium, Dissolved		Sulfate		Fluoride			Total Dissolved Solids (TDS)	
			Concentration	Alert Level	Concentration	Alert Level	Concentration	Alert Level	Aquifer Quality Limit	Concentration	Alert Level
M1-GL	08/13/2025	Primary	**19**	31	**130**	184.2	**0.69**	3.2	4.0	**670**	1028
M2-GU	08/13/2025	Primary	**29**	39	**190**	275	**0.78**	3.2	4.0	**1,000**	1496
M2-GU	08/13/2025	Duplicate	**29**	39	**200**	275	**0.79**	3.2	4.0	**1,000**	1496
M3-GL	08/13/2025	Primary	**27**	36	**170**	187	**0.70**	3.2	4.0	**960**	1157
M4-O	08/13/2025	Primary	**4.2**	15	**55**	405	**2.1**	NE	5.1	**430**	1072
M6-GU	08/19/2025	Primary	**2.0 J**	44	**49**	86	**0.68**	3.2	4.0	**370**	620
M7-GL	08/19/2025	Primary	**0.11 J**	1	**29**	82	**0.80**	3.2	4.0	**260**	464
M8-O	08/20/2025	Primary	< 0.10	1	**59**	122	**1.9**	3.6	4.0	**380**	609
M14-GL	08/20/2025	Primary	**12**	23	**47**	144	**0.41 J**	3.2	4.0	**470**	874
M15-GU	08/19/2025	Primary	**29**	44	**110**	126	**0.57**	3.2	4.0	**870**	1359
M16-GU(R)	08/13/2025	Primary	**28**	52	**180**	248	**0.53**	3.2	4.0	**940**	1635
M17-GL	08/20/2025	Primary	**14**	9.3	**93**	209	**0.48 J**	3.2	4.0	**510**	831
M17-GL[1]	09/24/2025	Primary	**23**	9.3	**140**	209	**0.38 J**	3.2	4.0	**640**	831
M19-LBF	08/14/2025	Primary	**9.6**	21	**39**	89	< 0.13	3.2	4.0	**430**	794
M20-O(R)	08/20/2025	Primary	**8.1**	14	**62**	112	**0.76**	3.2	4.0	**490**	809
M20-O(R)	08/20/2025	Duplicate	**8.1**	14	**62**	112	**0.76**	3.2	4.0	**500**	809
M21-UBF	08/14/2025	Primary	**24**	87	**160**	487	**0.79**	3.2	4.0	**930**	2867
M22-O	08/14/2025	Primary	**5.4**	8.6	**48**	86	**0.69**	3.2	4.0	**410**	1094
M23-UBF	08/14/2025	Primary	**26**	69	**220**	411	**0.80**	3.2	4.0	**1,100**	2392
M24-O	08/20/2025	Primary	**8.5**	19	**560**	1364	**0.97**	3.2	4.0	**1,100**	2363
M24-O	08/20/2025	Duplicate	**8.2**	19	**560**	1364	**0.96**	3.2	4.0	**1,100**	2363
M25-UBF	08/13/2025	Primary	**40**	76	**240**	387	**0.71**	3.2	4.0	**1,400**	2683
M26-O	08/18/2025	Primary	**0.16 J**	1	**50**	105	**1.2**	3.4	4.0	**310**	556
M27-LBF	07/03/2025	Primary	**22**	51	**110**	179	**0.38 J**	3.2	4.0	**880**	1745
M27-LBF[2]	08/18/2025	Primary	**32**	51	**170**	179	**0.42 J**	3.2	4.0	**1,000**	1745
M28-LBF	08/18/2025	Primary	**1.1 J**	2.6	**14**	81	**0.72**	3.2	4.0	**350**	610
M29-UBF	08/18/2025	Primary	**25**	84	**180**	456	**0.73**	3.2	4.0	**970**	2751
M30-O	08/14/2025	Primary	**10**	18	**57**	102	**0.68**	3.2	4.0	**520**	824
M31-LBF	08/14/2025	Primary	**22**	NE	**150**	330	**0.80**	3.2	4.0	**880**	NE
O19-GL	08/19/2025	Primary	**10**	17	**54**	99	**0.60**	3.2	4.0	**480**	770
O49-GL(R)	08/12/2025	Primary	**19**	18	**150**	181	< 0.13	3.2	4.0	**980**	849
O49-GL(R)[3]	09/10/2025	Primary	**19**	18	**140**	181	**0.40 J**	3.2	4.0	**950**	849
P19-1-O	08/19/2025	Primary	**4.9**	23	**63**	144	**1.5**	3.2	4.0	**450**	874
P49-O	08/12/2025	Primary	**3.4**	6.2	**120**	181	**0.94**	3.2	4.0	**470**	801
Arizona Aquifer Water Quality Standard[3]			--		--		4.0			--	

Notes:

(1) Confirmation sample collected 9/24/2025.

(2) Increased frequency monitoring conducted on 7/3/2025.

(3) Confirmation sample collected 9/10/2025.

All results in milligrams per liter (mg/L).

Detects are ***bolded.***

Non-detects are reported to the laboratory method detection limit (< MDL)

J = estimated value

APPENDIX A
Data Quality Assurance/Quality Control Summary Memorandum

HALEY & ALDRICH, INC.
201 East Washington Street
Suite 1795
Phoenix, AZ 85004
602.760.2450

MEMORANDUM

October 28, 2025
File No. 133887-020

PREPARED BY: Haley & Aldrich, Inc.
Alexis Rainery, P.E. Technical Specialist
Hannah Cherry, Project Scientist
Laura Menken, R.G., Project Manager

SUBJECT: Appendix A – Data Quality Assurance/Quality Control Summary

Analytical results for environmental samples collected during the third quarter 2025 compliance monitoring event were verified in accordance with guidance provided by the U.S. Environmental Protection Agency (USEPA; 2012[1]). For each laboratory data package, the following quality assurance/quality control criteria from the analysis of the project samples were reviewed:

- Completeness with the chain of custody (COC);
- Comparison of reporting limits to alert levels (AL) and aquifer quality limits (AQL);
- Holding times/preservation;
- Blank sample analysis;
- Laboratory control samples;
- Matrix spike samples;
- Laboratory and field duplicate sample analysis; and
- Verification of laboratory report data.

Sample data were qualified by the laboratory in accordance with laboratory standard operating procedures (SOPs). Based on a check of the data qualifiers assigned to the project sample results, these flags were applied to the reported results in accordance with the laboratory-specific SOP.

[1] USEPA, 2012. USEPA Region 9 Guidance for Quality Assurance Program Plans, R9QA/03.2. March.

COMPLETENESS WITH CHAIN OF CUSTODY

Samples were collected, preserved, and shipped following standard COC protocol. Samples were also received appropriately, identified correctly, and analyzed according to the COC. COCs were appropriately signed and dated by the field and/or laboratory personnel.

REPORTING LIMITS

The reporting limits and/or method detection limits were at or below the applicable ALs and AQLs.

HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified as in accordance with each method protocol with the following exceptions:

Laboratory Report	Method	Matrix	Holding Time	Preservation	Sample ID, Violation, Qualification
25H0530	All	Water	Various	Cool to ≤ 6 °C	The cooler containing the following samples was received warm at 6.5°C: M15-GU-081925 O19-GL-081925 P19-1-O-081925 M6-GU-081925 M7-GL-081925
25H0590	All	Water	Various	Cool to ≤ 6 °C	The cooler containing the following samples was received warm at 9.2°C: M14-GL-082025 M20-O(R)-082025 M120-O(R)-082025 M8-O-082025 M17-GL-082025 M24-O-082025 M124-O-082025

Notes:
°C = degrees Celsius
SM = Standard Method
USEPA = U.S. Environmental Protection Agency

BLANK SAMPLE ANALYSIS

Method blank samples had no detections, with the following exceptions:

Laboratory	Associated Sample	Batch ID	Analyte Detected in Method	Concentration
25H0406	M4-O-081325 M2-GU-081325 M2-GU-081325-DUP M3-GL-081325 M1-GL-081325 M25-UBF-081325 M16-GU(R)-081325	2508204	Fluoride	0.14 J

LABORATORY CONTROL AND MATRIX SPIKE SAMPLES

Compounds associated with the laboratory control sample, matrix spike, and matrix spike duplicate analyses exhibited recoveries and relative percent differences (RPDs) within the specified limits.

LABORATORY AND FIELD DUPLICATE SAMPLES

The RPDs for laboratory duplicate analysis were all below 20 percent for water (or the absolute difference rule was satisfied if detects were less than 5 times the reporting limit).

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The samples collected for field duplicate analysis and the RPDs were all below 35 percent for water (or the absolute difference rule was satisfied if detects were less than 5 times the reporting limit) unless noted below.

Primary Sample ID	Duplicate Sample ID	Methods for Which Field Duplicates Were Analyzed
M2-GU-081325	M2-GU-081325-DUP	Anions by USEPA 300.0 Total Dissolved Solids by SM2540C Metals by USEPA 200.7 and USEPA 200.8
M20-O(R)-082025	M120-O(R)-082025	
M24-O-082025	M124-O-082025	
Notes: *SM = Standard Method* *USEPA = U.S. Environmental Protection Agency*		

VERIFICATION OF LABORATORY REPORT DATA

A minimum of 10 percent of the data reported by the laboratory were verified against the electronic data deliverables.

ATTACHMENT 6

Results of Monthly Injectate Organic Analysis

(Placeholder – Not Applicable for this Monitoring Period)

ATTACHMENT 7

Results of Mechanical Integrity Testing

(Placeholder – Not Applicable for this Monitoring Period)

ATTACHMENT 8

Results of Monthly Treated Water Samples

(Placeholder - Not Applicable for this Monitoring Period)

ATTACHMENT 9

Results of Annular Conductivity Device Monitoring of Mechanical Integrity

ANNULAR CONDUCTIVITY DATA QA PROCEDURE & DOCUMENTATION FORM (V.1)

hydroGEOPHYSICS

GENERAL

HGI Project Name:	Project Site:	Weather Conditions:
2018-030 – FCP Bulk & Annular Conductivity Monitoring	*Florence Copper Project*	108F FAIR SKIES
Date 7/8/2025	**Field Operator Name:** C. BALOYGA	**Start and End Time:** 1805 – 1900

EQUIPMENT	DIAGNOSTICS	MEASUREMENT SETTINGS
	(See back of sheet for detailed instructions and procedures)	
AGI MiniSting (MS) Serial #: *S0608049* **HGI Cray Interface Panel SN#** *CR-ES-002*	6Ω Resistor Standard Result: 6.28 Pass Criteria: 6.25Ω ± 0.30 Circle One: Pass or Fail	• No. Cycles: 4 • Max Error: Off • Max Current: 50mA • Measure Time: 3.6 • Measure mode: RESISTANCE

DATA COLLECTION:

	WELL ID	Time (24h)	Current (I mA)	1 Reading	1 Resistance (ΔV= Ω)	1 Error (σ= %)	2 Reading	2 Resistance (ΔV= Ω)	2 Error (σ= %)	3 Reading	3 Resistance (ΔV= Ω)	3 Error (σ=%)	Data Acceptance Pass = P, Fail = F
1	WB-04	1805	20	19	58.52	2.4	20	55.75	0.5	21	54.68	0.7	P / F
2	WB-03	1809	20	22	77.94	0.4	23	76.64	1.1	24	76.23	1.3	P / F
3	WB-02	1812	20	25	79.66	2.2	26	79.63	2.4	27	79.27	2.4	P / F
4	WB-01	1815	20	28	54.22	1.4	29	53.65	2.0	30	53.5	2.0	P / F
5	B-07	1819	20	31	70.44	0.8	32	69.78	1.4	33	69.60	1.5	P / F
6	B-06	1822	20	34	61.97	0.5	35	60.93	1.3	36	60.63	1.3	P / F
7	B-05	1825	20	37	96.51	1.4	38	94.09	0.2	39	93.45	0.2	P / F
8	B-04	1828	20	40	60.62	0.7	41	59.12	0.6	42	58.46	0.8	P / F
9	B-03	1832	20	43	64.76	0.8	44	63.13	1.6	45	62.70	1.7	P / F
10	B-02	1855	20	46	54.14	1.0	47	53.87	1.7	48	54.01	1.9	P / F
11	B-01	1900	20	49	82.96	0.3	50	82.08	1.0	51	82.33	1.0	P / F

Well ID's that begin with a "B" correspond to the wells that begin with an "O" in standard reporting. For example, B-01 corresponds to O-01.

DATA QUALITY ACCEPTANCE	FIELD OBSERVATIONS
Measurement Error Evaluation Pass Criteria: 66% (2/3) of measurement error values less than 5%	*(Briefly describe any anomalies at time of data acquisition: status of electrode array, or other parameters that may influence results)* DATA COLLECTED OUT OF TYPICAL ORDER FROM PREVIOUS ACO COLLECTIONS

SIGNATURES

7/8/25 *Field Operator Signature/Date*	7/8/25 *Data Inspector Signature/Date*

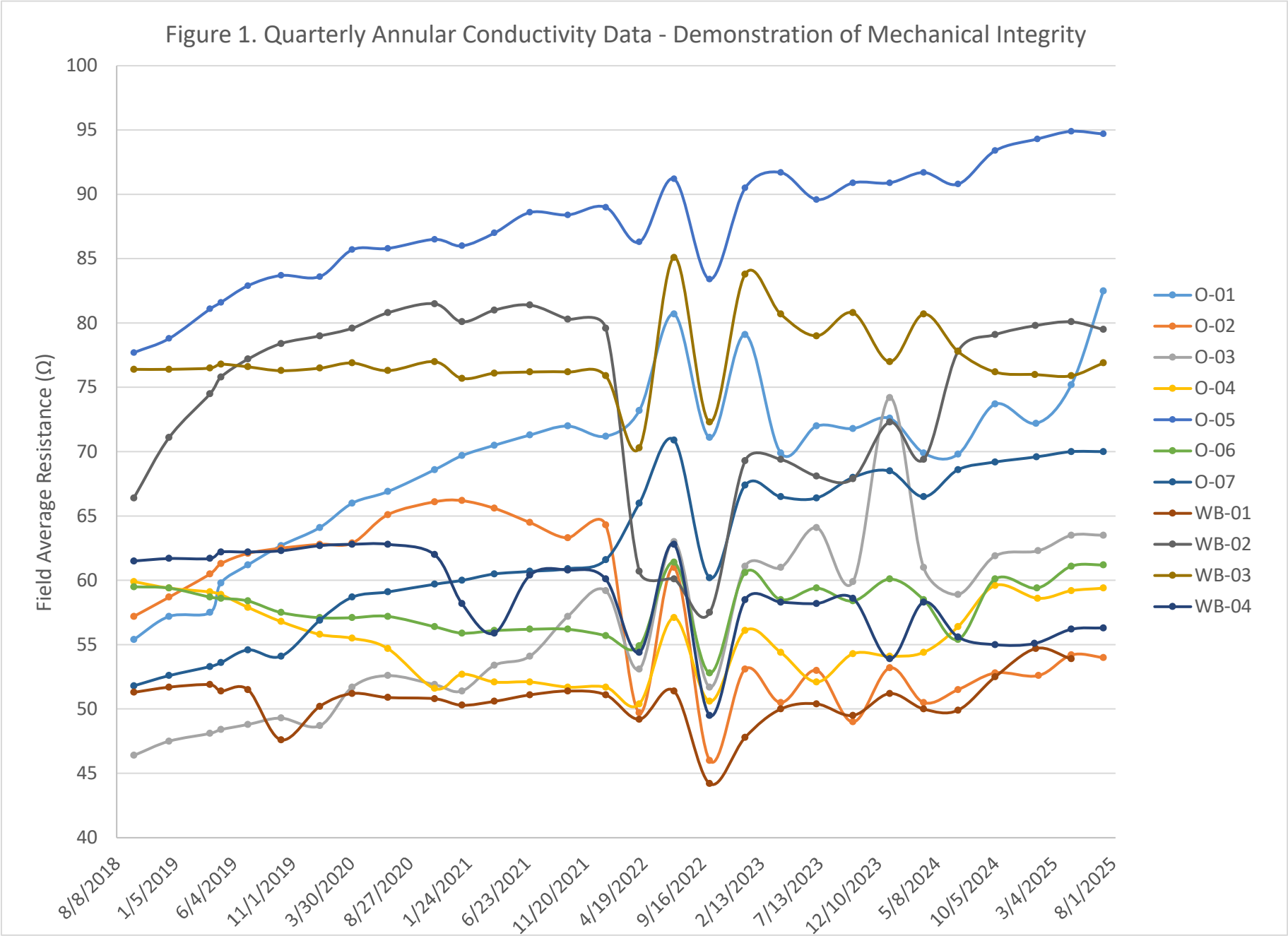


Figure 1. Quarterly Annular Conductivity Data - Demonstration of Mechanical Integrity
Field Average Resistance (Ω)
100
95
90
85
80
75
70
65
60
55
50
45
40
8/8/2018
1/5/2019
6/4/2019
11/1/2019
3/30/2020
8/27/2020
1/24/2021
6/23/2021
11/20/2021
4/19/2022
9/16/2022
2/13/2023
7/13/2023
12/10/2023
5/8/2024
10/5/2024
3/4/2025
8/1/2025
O-01
O-02
O-03
O-04
O-05
O-06
O-07
WB-01
WB-02
WB-03
WB-04

ATTACHMENT 10

Results of Annular Conductivity Device Monitoring of Hydraulic Control and ISCR Fluid Movement

(Placeholder – Not Applicable for this Monitoring Period)

ATTACHMENT 11

Summary of Plugging and Abandonment

(Placeholder – Not Applicable for this Monitoring Period)

ATTACHMENT 12

Table of Monthly Casing Annulus and Injection Pressures

(Placeholder – Not Applicable for this Monitoring Period)

ATTACHMENT 13

Resource Block Status Report

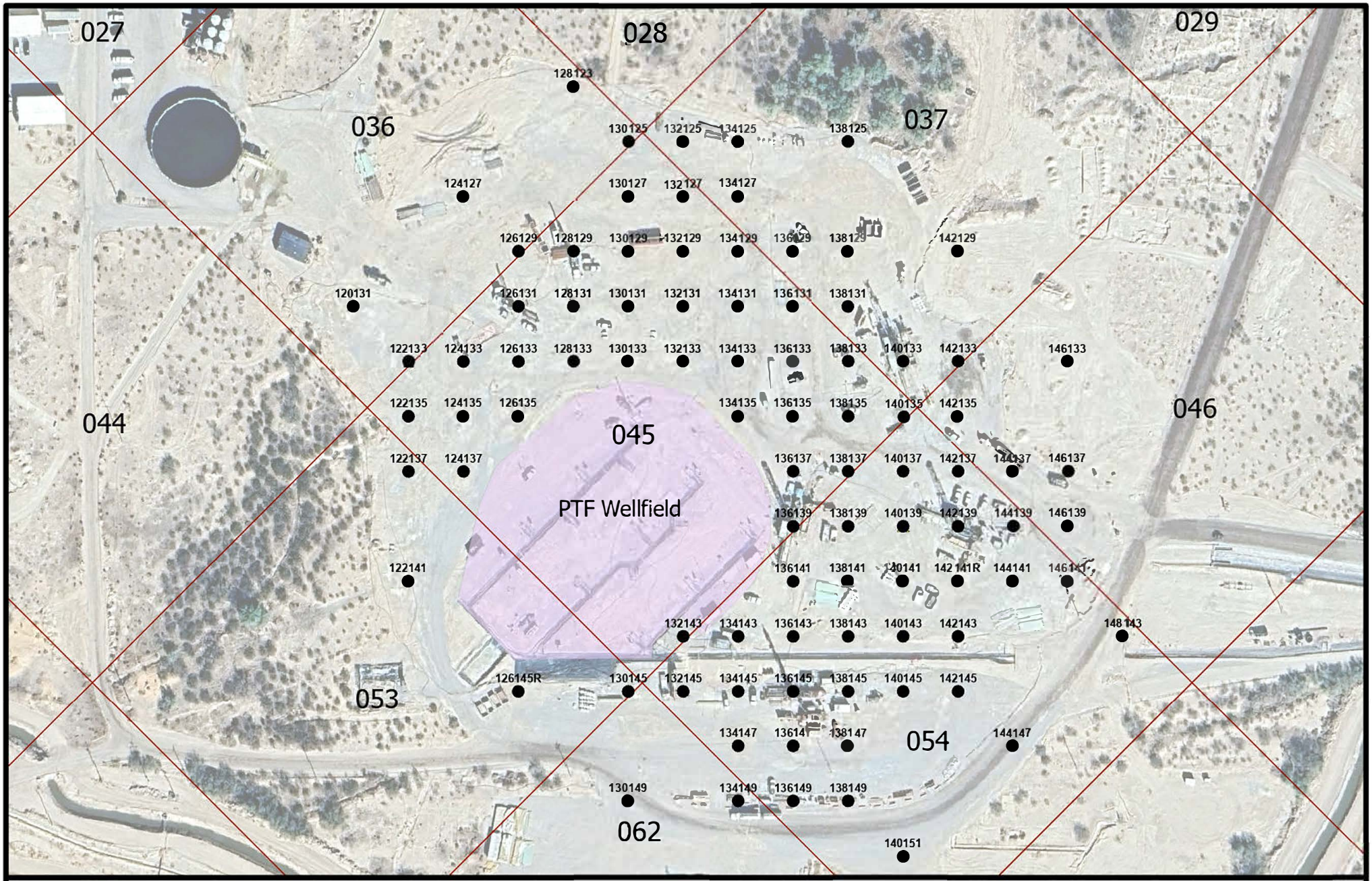
Q3 2025 RESOURCE BLOCK STATUS SUMMARY
FLORENCE COPPER LLC
FLORENCE, ARIZONA

Table 1. Resource Block Status Summary

Resource Block [1]	Block Status[1]					
	Planned	Under Construction	Constructed	Operational	Rinsing	Closed
036			Yes			
037			Yes			
045			Yes			
046			Yes			
053			Yes			
054			Yes			
062			Yes			

Notes:

(1) Resource block numbering provided in attached Figure 1.



Legend

- Constructed Well
- Hydraulic Control Well
- Injection Well
- Observation Well
- Recovery Well
- New Monitoring Well
- ACD Demonstration
- Early Warning ACD
- Early Warning ACD - Fault
- ISCR Wellfield
- Resource Block
- PTF Wellfield Boundary

Florence Copper

0 125 250 500 Feet

N

Constructed Wells	
CLIENT: Florence Copper	PROJECT: Commercial Wellfield
JOB: UIC SCALE: 1:2,000	DRAWN: BW CHECKED:
DATE: 6/30/2025	FIGURE: 1

ATTACHMENT 14

Migratory Bird Landings

(Placeholder – Not Applicable for this Monitoring Period)