

April 30, 2025

Arizona Department of Environmental Quality
Water Quality Compliance Section
Mail Code 5415B-1
1110 West Washington Street
Phoenix, Arizona 85007

Attention: Alyxandra Rich
Dan Reeder

Subject: First Quarter 2025 Monitoring Report
Aquifer Protection Permit No. P-101704, LTF 102081

Dear Ms. Rich and Mr. Reeder:

Florence Copper LLC (Florence Copper) is submitting this report in accordance with Section 2.7.4.2 of Aquifer Protection Permit (APP) No. P-101704, LTF 102081, dated June 27, 2024, for the Florence Copper Project.

Background Information

The Florence Copper Project is an in-situ copper extraction facility with two related permits issued by the Arizona Department of Environmental Quality (ADEQ) and the U.S. Environmental Protection Agency (USEPA):

- **ADEQ APP No. P-101704 (LTF 102081)**, dated June 27, 2024, covers all present and future in-situ copper recovery (ISCR) operations.
- **USEPA UIC Permit No. R9UIC-AZ3-FY19-1**, dated October 31, 2023, and modified on July 9, 2024, the Underground Injection Control (UIC) Permit covers all present and future ISCR operations.

APP and UIC authorized facilities and monitoring wells are shown on Figure 1, and the configuration of the Production Test Facility (PTF) wellfield is shown on Figure 2.

Florence Copper received authorization to proceed with PTF operations on July 13, 2017. The PTF wellfield began operations 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 until October 29, 2020. Wellfield rinsing activities have continued through First Quarter (Q1) 2025. As part of the rinsing plan, injection ceased on September 19, 2024, and was reinitiated on March 18, 2025. Florence Copper continues to rinse the PTF wellfield and has maintained the required hydraulic gradient during the reporting period.



The requirements for quarterly reporting of monitoring activities are outlined in Section 2.7.6. of the APP. Reporting for the UIC is performed separately. However, some information pertains to both the APP and UIC permit and is reported accordingly.

ISCR Operations and Monitoring Quarterly Reporting

■ **Section 2.7.1 – Self-Monitoring Report Forms (SMRF)**

The completed SMRF for Q1 2025 were submitted to the on-line MyDEQ portal.

■ **Section 2.7.4.2.1.1 – Graphical Representation of Injected and Recovered Volumes**

The daily cumulative recovery volumes are provided in tabular and graphical format in Attachment 1. As part of the rinsing plan, injection was reinitiated on March 18, 2025. Therefore, injection volumes or injection/recovery percentages prior to March 18, 2025 are not included in this report. During injection, the extracted volume has consistently exceeded the injected volume by 6 percent or more.

■ **Section 2.7.4.2.1.2 – Graphical Representation of the Hydraulic Gradient in the ISCR Wellfield**

The daily average head measurement values for the observation wells, recovery wells, and applicable monitoring wells are provided in tabular and graphical format in Attachment 2. Florence Copper monitors hydraulic gradient in the wellfield using well triplets as defined in Section 2.7.4.2.1.2 and Table 15 of the APP. A triplet includes a recovery well, an observation well, and a point of compliance (POC) monitoring well. The hydraulic gradient has been maintained with a greater than 1-foot differential as a daily average across all well triplets throughout the monitoring period. Well locations are included on Figures 1 and 2.

■ **Section 2.7.4.2.1.3 – Monthly Potentiometric Surface Maps**

Monthly groundwater elevation contour maps are provided in Attachment 3. A cone of depression demonstrating inward groundwater flow is shown at the PTF in each of the three contour maps. The PTF is undergoing rinsing and is the only currently active ISCR wellfield at the site.

■ **Section 2.7.4.2.1.4 – Well Bore Annular Conductivity Device (ACD) Readings**

The results of the well bore annular electrical conductivity (EC) monitoring are provided in Attachment 4. Some of the previously observed annular EC measured resistivity values differ from Q1 2025 values in various Westbay and observation wells.

Florence Copper conducted an investigation to determine 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.



- **Section 2.7.4.2.1.5 – Summary of Pressure Transducer and Fracture Gradient Readings**

Monthly maximum, minimum, and average injection pressures are provided in Attachment 5. As part of the rinsing plan, injection was reinitiated on March 18, 2025. Therefore, injection pressures prior to March 18, 2025 are not included. No exceedances of the fracture gradient occurred during Q1 2025.

- **Section 2.7.4.2.1.6 – Graphical Representation of Fluid EC Readings from Injection and Observation Wells**

Fluid EC values are provided in tabular and graphical format in Attachment 6. As part of the rinsing plan, injection was reinitiated on March 18, 2025. Therefore, fluid EC values prior to March 18, 2025 are not included in this report. During the monitoring period, the PTF wellfield was reconfigured to support the rinsing demonstration, including installation and removal of pumps from these wells. Consequently, fluid EC data were not available from all of the observation wells. Fluid EC readings in the injection wells were comparable to observation well readings during the monitoring period due to the injection of fresh water during rinsing. No lixiviant was injected during the monitoring period. The balance of injected and recovered volumes and triplet head measurements demonstrate that hydraulic control was maintained during the monitoring period.

- **Section 2.7.4.2.1.7 – Description of Deviations from Standard Sampling Protocols**

There were no deviations from standard sampling protocols during the Q1 2025 monitoring event.

- **Section 2.7.4.2.1.8 – Summary of all Exceedances of Alert Levels (AL), Aquifer Quality Limits (AQLs), Action Levels, Discharge Limits, or Operational Limits**

No exceedances of AQLs, discharge limits, or operational limits occurred in Q1 2025.

On March 17, 2025, Florence Copper became aware of an exceedance of AL #1 for normal liner leakage on Water Impoundment 3. Per APP Section 2.6.2.2, ADEQ was notified on March 21, 2025. Florence Copper has continued to monitor pumped volume from the leak collection and removal system. As applicable, additional notification to ADEQ will be made per APP Section 2.6.2.2.5 or 2.6.2.2.6. A liner leakage assessment and repair report will be included in the next annual report as described in APP Section 2.7.4.1.

The Q1 2025 Compliance Monitoring Report is provided in Attachment 10 and presents tabular results of groundwater elevations, analytical results, field parameters, ALs, and AQLs for monitoring wells listed in the APP. The Compliance Monitoring Report also provides a narrative summary of the Q1 2025 monitoring activities, and a discussion of groundwater monitoring AL exceedances.



- **Section 2.7.4.2.1.9 – Time versus Concentration Plots of Select Groundwater Parameters**

Time series plots of quarterly monitoring parameter concentrations for POC wells are provided in Attachment 7.

- **Section 2.7.4.2.1.10 – Groundwater Elevation Contour Maps**

A groundwater elevation contour map for the quarterly monitoring period (March 2025), including the groundwater elevation obtained from the underground workings, is provided in Attachment 8.

- **Section 2.7.4.2.1.11 – Fissure Inspection Summary**

Routine visual observations found no ground surface cracks or earth fissures in or around the PTF during the monitoring period.

- **Section 2.7.4.2.1.12 – Table of Wells in the Discharge Impact Area**

A table listing all monitoring wells within the Discharge Impact Area, including location, depth of well, depth to water, and water level elevation, is provided in Attachment 9.

- **Section 2.7.4.2.1.13 – Summary of All Monitoring Wells Replaced**

No monitoring wells were replaced during the monitoring period.

- **Section 2.7.4.2.1.14 – Groundwater Sampling Results for POC Wells**

The results of Q1 2025 groundwater monitoring of the POC wells are provided in Attachment 10.

- **Section 2.7.4.2.1.15 – Copies of Reports Submitted to the USEPA for the UIC**

The required copy of the quarterly monitoring report submitted to the USEPA for UIC Permit No. R9UIC-AZ3-FY19-1 is submitted under separate cover.

- **Section 2.7.4.2.1.16 – Resource Block Status Report**

A resource block status summary table is provided in Attachment 11.

- **Section 2.7.4.2.1.17 – Monthly ISCR Wellfield Water Analytical Results**

Treated water was not used for injection during the reporting period as formation water from nearby wells was used per APP Section 2.2.5. Therefore, no treated ISCR water analytical results are included in this report. When applicable, future quarterly compliance reports will include the monthly treated ISCR wellfield water analytical results in Attachment 12.

- **Section 2.7.4.2.2 – Well Abandonment Report**

No abandonments were completed during Q1 2025. When applicable, future quarterly compliance reports will include an abandonment report in Attachment 13.



Operational Requirements and BADCT Monitoring

The following items address additional operational and monitoring requirements. Some requirements necessitate filing special reports with ADEQ if certain conditions occur. Others require that only relevant information be logged and maintained on site.

In accordance with Section 2.5.2 of the permit, permitted facilities are inspected for the performance levels listed in Section 4.2, Table 10, of APP No. P-101704. Records of operational monitoring and inspections are maintained in the facility log. A summary of the operational status of the listed facilities is presented in Table 10. Weather and road conditions may have precluded daily observations on a small number of occasions due to safety concerns.

Table 10. Operational Monitoring and Inspections for APP No. P-101704, LTF 102081		
Facility Category	Facility Name	Operational Inspection
Process solution impoundments	PTF process water impoundment PLS Pond Raffinate Pond BHP Pond Water Impoundments 1 through 5	At present, Water Impoundments 1, 2, 4, and 5 are not constructed. The PLS Pond and Raffinate Pond were constructed during Q1 2025. As of March 31, 2025, these ponds are not yet in service, and no discharges have been made to the ponds. The PTF process water impoundment, BHP Pond, and Water Impoundment 3 were inspected daily in Q1 2025.
Lined Non-Stormwater Containment Pond	PTF Run-off Pond Run-off Pond	The Run-off Pond was constructed during Q1 2025. As of March 31, 2025, this pond is not in service, and no discharges have been made to the pond. The PTF Run-off Pond was inspected weekly and was compliant with the applicable operational requirements during the monitoring period.
Stormwater control structures	Sitewide stormwater ditches	Monthly inspections were conducted in Q1 2025 in accordance with Section 2.5, and the facilities were compliant with operational requirements.
Groundwater monitor wells	Sitewide monitoring wells	Quarterly inspections were conducted in Q1 2025 in accordance with Section 2.5, and the facilities were compliant with operational requirements.



Table 10. Operational Monitoring and Inspections for APP No. P-101704, LTF 102081		
Facility Category	Facility Name	Operational Inspection
Pumps	Barge pumps Run-off transfer pumps Sump Pumps Discharge Pump Transfer pump to BHP Pond and Water Impoundment 3 Evaporator pumps	Sump pumps were operating during Q1 2025 at the PTF process water impoundment, BHP Pond, and Water Impoundment 3. All pumps were inspected weekly and were compliant with the operational requirements throughout the monitoring period. The transfer pump to the BHP Pond and evaporator pumps were also in operation during Q1 2025. These pumps are inspected routinely and serviced by Florence Copper according to manufacturer standards.
In-situ area injection and recovery resource blocks	PTF wellfield ISCR area	These facilities were inspected daily, and no leaks occurred from pipelines, manifolds, or wellheads during the monitoring period.
In-situ area injection and recovery resource blocks	PTF wellfield ISCR area	Subsidence/fissures were not detected during quarterly inspections conducted in Q1 2025 in accordance with Section 2.5.
Notes: APP = Aquifer Protection Permit ISCR = In-situ copper recovery PLS = pregnant leach solution PTF = Production Test Facility		

Information in this report is believed to be accurate and complete based upon the data submitted to me and reviewed by me. Please call (520) 374-3984 should you have any questions concerning this report.

Sincerely,
Florence Copper LLC

John Mays
General Manager

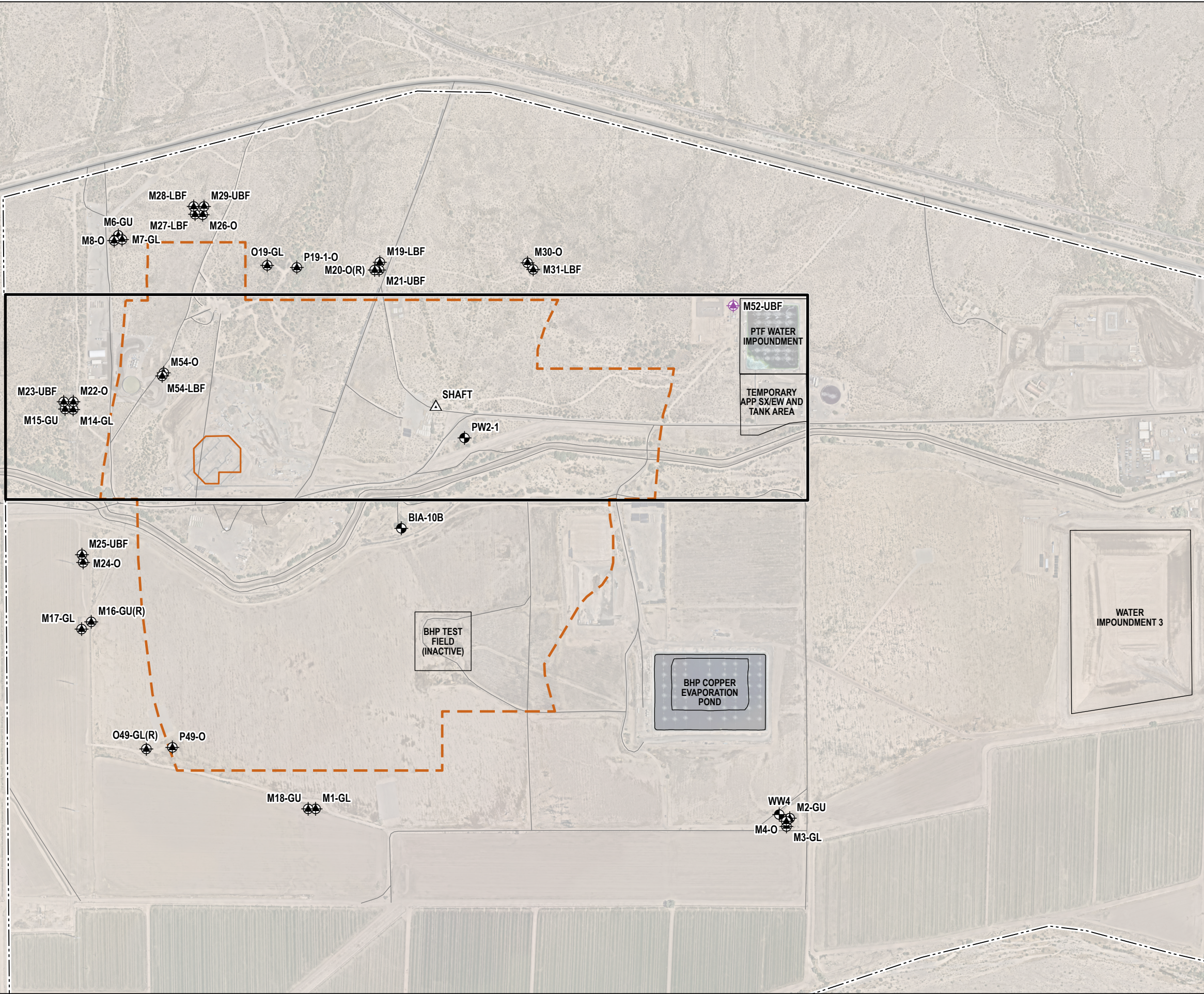


Enclosures:

- Figure 1 – Groundwater Monitoring Area
- Figure 2 – PTF Wellfield
- Attachment 1 – Graphical Representation of Injected and Recovered Volumes
- Attachment 2 – Graphical Representation of the Hydraulic Gradient in the ISCR Wellfield
- Attachment 3 – Monthly Potentiometric Surface Maps
- Attachment 4 – Well Bore Annular Conductivity Device Readings
- Attachment 5 – Summary of Pressure Transducer and Fracture Gradient Readings
- Attachment 6 – Graphical Representation of Fluid Electrical Conductivity Readings
from Injection and Observations Wells
- Attachment 7 – Time versus Concentration Plots of Select Groundwater Parameters
- Attachment 8 – Quarterly Groundwater Elevation Contour Map
- Attachment 9 – Table of Wells in the Discharge Impact Area
- Attachment 10 – 10A – Groundwater Sampling Results for POC Wells
10B – Summary of Quarterly Water Levels
- Attachment 11 – Resource Block Status Report
- Attachment 12 – Monthly ISCR Wellfield Water Analytical Results
(Placeholder - Not Applicable for this Monitoring Period)
- Attachment 13 – Well Abandonment Report
(Placeholder - Not Applicable for this Monitoring Period)

FIGURES

GIS FILE PATH: \\haleyaldrich\share\phx_common\Projects\Florence Copper\GIS\133887_000_QUARTERLY_MONITORING.aprx - USER: khensen - LAST SAVED: 4/15/2025 10:54 AM

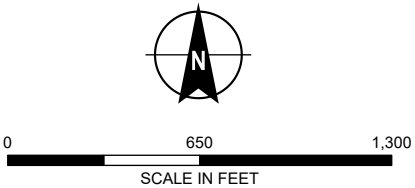


LEGEND

- PRODUCTION WELL
- APP AND UIC MONITORING 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. 101704, LTF 102081
2. UIC PERMIT NO: R9UIC-AZ3-FY19-1
3. AERIAL IMAGERY SOURCE: NEARMAP, 28 MAY 2024



HALEY
ALDRICH

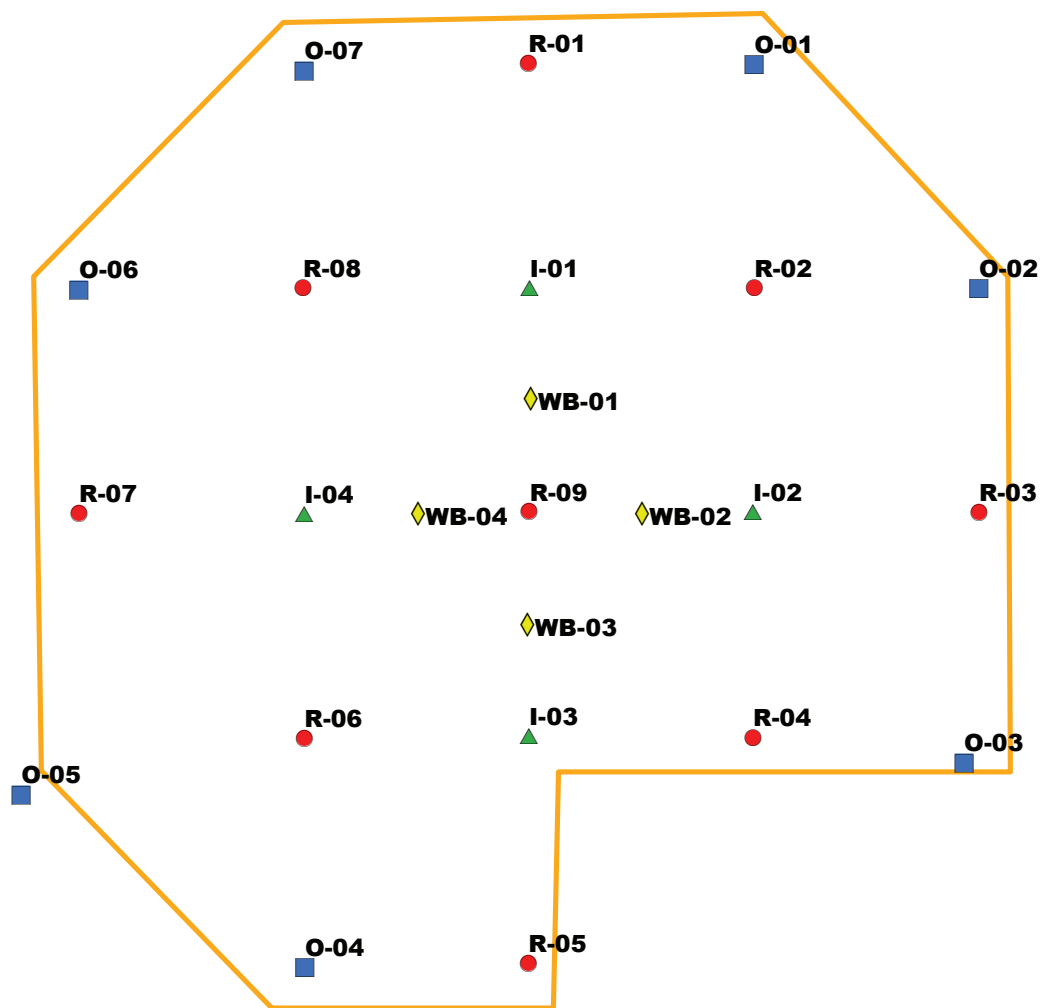
FLORENCE COPPER, LLC
FLORENCE, ARIZONA

GROUNDWATER MONITORING AREA

Florence
Copper

APRIL 2025

FIGURE 1

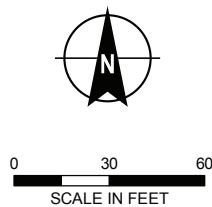


LEGEND

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

NOTES

1. ALL LOCATIONS AND DIMENSIONS APPROXIMATE



**HALEY
ALDRICH**

FLORENCE COPPER LLC
FLORENCE ARIZONA

PTF WELLFIELD

Florence
Copper

APRIL 2025

FIGURE 2

ATTACHMENT 1

Graphical Representation of Injected and Recovered Volumes

FLORENCE COPPER LLC

FLORENCE, ARIZONA

Table 1. January 2025 Daily Injection and Recovery Volumes

Date	Daily Injection Volume (gallons)	Daily Recovery Volume (gallons)	Recovery/Injection Ratio	Percent Recovery (%)
1/1/2025	0	976,134	NA	NA
1/2/2025	0	968,931	NA	NA
1/3/2025	0	968,889	NA	NA
1/4/2025	0	926,013	NA	NA
1/5/2025	0	928,363	NA	NA
1/6/2025	0	903,956	NA	NA
1/7/2025	0	905,955	NA	NA
1/8/2025	0	900,500	NA	NA
1/9/2025	0	896,268	NA	NA
1/10/2025	0	899,300	NA	NA
1/11/2025	0	899,900	NA	NA
1/12/2025	0	900,521	NA	NA
1/13/2025	0	932,252	NA	NA
1/14/2025	0	951,381	NA	NA
1/15/2025	0	951,777	NA	NA
1/16/2025	0	920,518	NA	NA
1/17/2025	0	915,800	NA	NA
1/18/2025	0	960,437	NA	NA
1/19/2025	0	977,200	NA	NA
1/20/2025	0	952,057	NA	NA
1/21/2025	0	919,200	NA	NA
1/22/2025	0	914,100	NA	NA
1/23/2025	0	921,800	NA	NA
1/24/2025	0	955,000	NA	NA
1/25/2025	0	967,300	NA	NA
1/26/2025	0	961,000	NA	NA
1/27/2025	0	801,100	NA	NA
1/28/2025	0	965,500	NA	NA
1/29/2025	0	900,600	NA	NA
1/30/2025	0	996,800	NA	NA
1/31/2025	0	874,500	NA	NA
JAN Averages	0	929,453	NA	NA

JAN Averages	Monthly Average Injection Volume (GPM)	Monthly Average Recovery Volume (GPM)
	0	645

Notes:

% = percent

GPM = gallons per minute

Florence Copper ceased injection operations on 9/19/2024 as part of the rinsing plan

FLORENCE COPPER LLC

FLORENCE, ARIZONA

Table 2. February 2025 Daily Injection and Recovery Volumes

Date	Daily Injection Volume (gallons)	Daily Recovery Volume (gallons)	Recovery/Injection Ratio	Percent Recovery (%)
2/1/2025	0	878,600	NA	NA
2/2/2025	0	860,500	NA	NA
2/3/2025	0	901,600	NA	NA
2/4/2025	0	884,700	NA	NA
2/5/2025	0	933,015	NA	NA
2/6/2025	0	901,700	NA	NA
2/7/2025	0	943,300	NA	NA
2/8/2025	0	964,500	NA	NA
2/9/2025	0	959,000	NA	NA
2/10/2025	0	952,637	NA	NA
2/11/2025	0	946,000	NA	NA
2/12/2025	0	952,951	NA	NA
2/13/2025	0	887,700	NA	NA
2/14/2025	0	944,400	NA	NA
2/15/2025	0	965,000	NA	NA
2/16/2025	0	979,800	NA	NA
2/17/2025	0	952,400	NA	NA
2/18/2025	0	924,210	NA	NA
2/19/2025	0	901,716	NA	NA
2/20/2025	0	956,900	NA	NA
2/21/2025	0	984,600	NA	NA
2/22/2025	0	949,200	NA	NA
2/23/2025	0	1,000,300	NA	NA
2/24/2025	0	998,538	NA	NA
2/25/2025	0	986,883	NA	NA
2/26/2025	0	995,554	NA	NA
2/27/2025	0	987,100	NA	NA
2/28/2025	0	982,157	NA	NA
FEB Averages	0	945,534	NA	NA

FEB Averages	Monthly Average Injection Volume (GPM)	Monthly Average Recovery Volume (GPM)
	0	657

Notes:

% = percent

GPM = gallons per minute

Florence Copper ceased injection operations on 9/19/2024 as part of the rinsing plan

FLORENCE COPPER LLC

FLORENCE, ARIZONA

Table 3. March 2025 Daily Injection and Recovery Volumes

Date	Daily Injection Volume (gallons)	Daily Recovery Volume (gallons)	Recovery/Injection Ratio	Percent Recovery (%)
3/1/2025	0	975,600	NA	NA
3/2/2025	0	933,400	NA	NA
3/3/2025	0	902,249	NA	NA
3/4/2025	0	1,065,800	NA	NA
3/5/2025	0	1,059,600	NA	NA
3/6/2025	0	1,088,800	NA	NA
3/7/2025	0	1,037,700	NA	NA
3/8/2025	0	1,100,300	NA	NA
3/9/2025	0	1,089,800	NA	NA
3/10/2025	0	1,092,100	NA	NA
3/11/2025	0	1,103,300	NA	NA
3/12/2025	0	1,102,500	NA	NA
3/13/2025	0	1,035,500	NA	NA
3/14/2025	0	1,108,700	NA	NA
3/15/2025	0	1,103,400	NA	NA
3/16/2025	0	1,104,600	NA	NA
3/17/2025	0	994,200	NA	NA
3/18/2025	121,200	925,800	7.64	764%
3/19/2025	152,100	894,900	5.88	588%
3/20/2025	152,600	894,400	5.86	586%
3/21/2025	137,200	909,800	6.63	663%
3/22/2025	152,800	894,200	5.85	585%
3/23/2025	329,600	717,400	2.18	218%
3/24/2025	166,000	881,000	5.31	531%
3/25/2025	172,300	874,700	5.08	508%
3/26/2025	171,200	875,800	5.12	512%
3/27/2025	285,800	761,200	2.66	266%
3/28/2025	293,000	754,000	2.57	257%
3/29/2025	300,400	746,600	2.49	249%
3/30/2025	299,100	747,900	2.50	250%
3/31/2025	242,500	804,500	3.32	332%
MAR Averages	95,994	954,185	5	451%

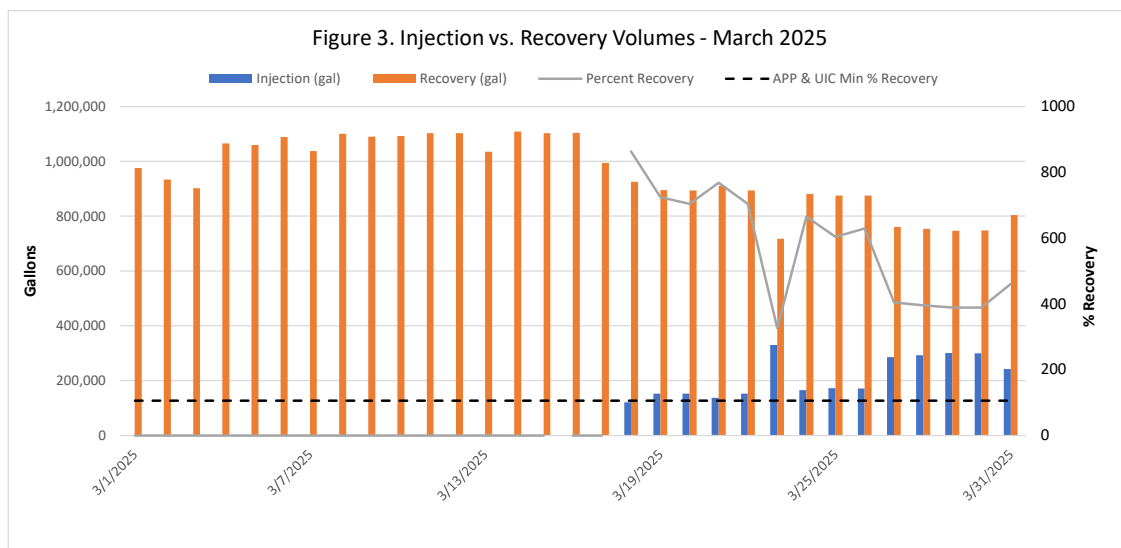
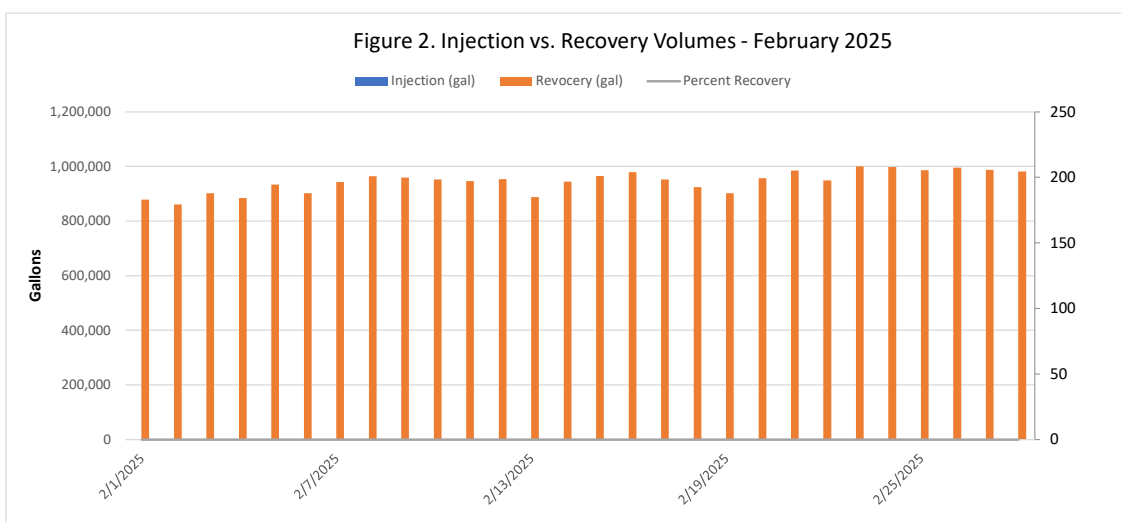
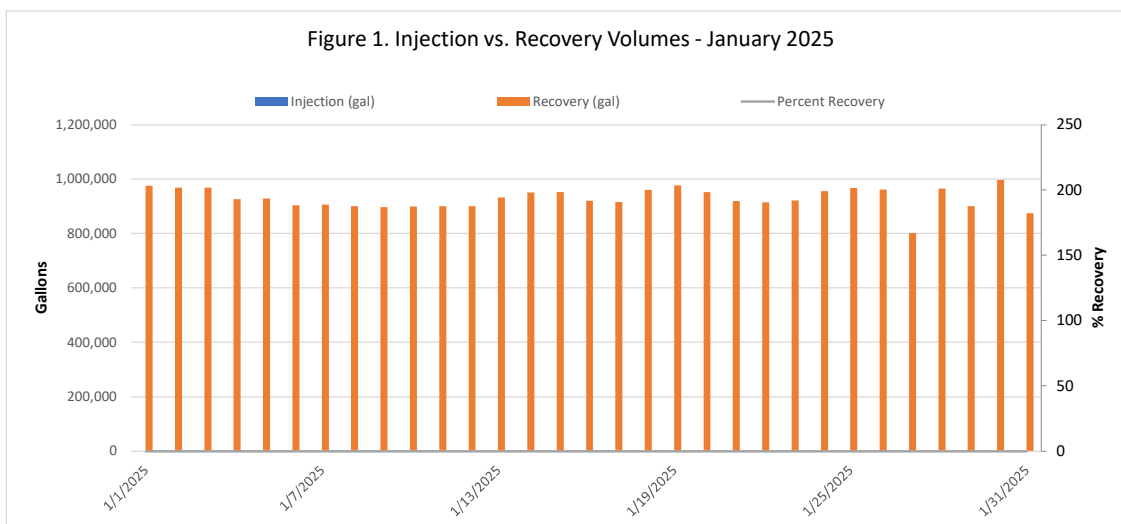
MAR Averages	Monthly Average Injection Volume (GPM)	Monthly Average Recovery Volume (GPM)
	67	663

Notes:

% = percent

GPM = gallons per minute

Florence Copper reinitiated injection operations on 3/18/2025 as part of the rinsing plan.



Note:

As part of the rinsing plan, Florence Copper reinitiated injection operations in the wellfield on 3/18/2025.

ATTACHMENT 2

Graphical Representation of the Hydraulic Gradient in the ISCR Wellfield

Table 1. January 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	M26-O	R-02	O-01	P19-1-O	R-03	O-02	M20-O(R)	R-04	O-03	M30-O	R-05	O-04	P49-O	R-06	O-05	M24-O	R-07	O-06	M22-O	R-08	O-07	M22-O
1/1/2025	1077.98	1097.57	1192.61	1021.96	1048.24	1239.19	995.54	1056.47	1243.30	1032.27	1055.17	1248.73	1047.03	1119.09	1235.09	1069.52	1115.28	1212.39	1095.79	1103.46	1213.28	1069.61	1097.57	1213.28
1/2/2025	1078.97	1098.73	1192.36	1022.50	1046.64	1236.96	996.71	1057.04	1243.25	1033.19	1056.14	1248.31	1046.87	1120.32	1236.89	1070.76	1116.23	1212.31	1097.04	1104.23	1213.33	1069.86	1098.73	1213.33
1/3/2025	1080.56	1099.76	1192.46	1023.05	1049.84	1204.78	997.54	1058.96	1243.48	1033.69	1057.01	1248.97	1047.60	1120.25	1237.13	1070.90	1116.74	1212.50	1098.18	1105.37	1213.56	1071.34	1099.76	1213.56
1/4/2025	1084.31	1101.99	1192.55	1026.83	1051.77	1181.82	1005.37	1062.55	1243.46	1036.74	1065.66	1249.15	1079.60	1124.98	1237.11	1075.95	1120.42	1212.55	1101.04	1108.42	1213.72	1074.24	1101.99	1213.72
1/5/2025	1085.36	1103.16	1192.51	1028.32	1049.89	1239.26	1007.19	1064.58	1243.60	NA	1067.84	1249.05	1055.75	1125.70	1237.20	1076.90	1121.40	1213.61	1102.36	1109.59	1214.50	1075.53	1103.16	1214.50
1/6/2025	1086.14	1104.41	1192.39	1029.65	1050.60	1239.64	1009.25	1065.88	1243.61	NA	1069.57	1249.12	NA	1128.54	1237.28	1079.67	1123.42	1213.71	1103.81	1111.20	1214.61	1079.21	1104.41	1214.61
1/7/2025	1086.31	1104.59	1193.76	1029.83	1052.61	1239.09	1009.34	1066.46	1244.03	NA	1069.46	1249.27	NA	1128.67	1237.53	1079.80	1123.60	1214.22	1104.45	1111.39	1215.09	1079.78	1104.59	1215.09
1/8/2025	1087.30	1104.82	1194.03	1030.41	1057.99	1192.64	1009.92	1067.30	1246.69	NA	1070.48	1249.12	NA	1128.77	1237.13	1080.09	1123.84	1213.70	1104.73	1111.81	1214.76	1081.04	1104.82	1214.76
1/9/2025	1086.44	1103.72	1194.47	1029.51	1057.93	1237.19	1006.40	1065.54	1243.53	NA	1070.53	1249.06	NA	1127.90	1236.90	1079.22	1122.93	1214.05	1103.85	1110.80	1214.60	1080.48	1103.72	1214.60
1/10/2025	1086.10	1103.50	1192.75	1028.69	1055.98	1200.58	1005.14	1063.29	1243.09	NA	1070.72	1248.97	NA	1127.56	1236.34	1078.89	1122.57	1213.60	1102.63	1110.41	1214.74	1078.78	1103.50	1214.74
1/11/2025	1083.53	1101.08	1191.76	1025.86	1052.71	1237.90	1001.66	1060.62	1243.18	NA	1065.99	1248.95	NA	1125.20	1235.91	1076.27	1120.17	1213.17	1100.45	1107.78	1214.37	1076.09	1101.08	1214.37
1/12/2025	1083.71	1101.04	1189.14	1025.98	1052.08	1238.33	1002.09	1060.89	1242.96	NA	1065.88	1248.91	NA	1125.37	1235.54	1076.53	1120.19	1212.50	1100.53	1107.70	1213.63	1076.03	1101.04	1213.63
1/13/2025	1083.98	1101.57	1188.68	1026.03	1051.34	1239.27	1002.00	1061.64	1243.19	NA	1064.75	1248.74	1058.66	1123.48	1235.66	1075.18	1119.32	1212.27	1100.22	1107.63	1213.64	1075.84	1101.57	1213.64
1/14/2025	1082.73	1099.89	1191.21	1023.77	1049.62	1239.42	998.01	1061.53	1243.38	1008.40	1058.53	1248.83	1055.41	1119.61	1235.01	1071.61	1116.30	1211.99	1097.75	1105.27	1213.75	1074.03	1099.89	1213.75
1/15/2025	1078.65	1095.42	1192.28	NA	1053.48	1239.27	992.45	1058.18	1243.29	1003.86	1049.48	1248.73	1050.93	1116.14	1234.74	1068.28	1112.85	1211.12	1094.14	1101.55	1213.26	1070.73	1095.42	1213.26
1/16/2025	1082.47	1098.14	1189.78	NA	1057.43	1239.14	994.83	1061.44	1243.18	1005.18	1051.06	1248.80	1052.83	1118.45	1234.65	1070.63	1115.62	1210.48	1091.93	1104.78	1212.44	1073.07	1098.14	1212.44
1/17/2025	1085.39	1099.94	1190.27	NA	1082.51	1238.69	998.02	1065.37	1243.04	1007.13	1053.82	1248.88	1054.16	1119.08	1234.83	1071.57	1116.03	1215.85	1095.32	1105.43	1212.85	1074.71	1099.94	1212.85
1/18/2025	1081.86	1097.80	1187.84	991.35	1077.20	1238.66	994.37	1061.64	1242.86	1003.75	1050.85	1248.63	1051.71	1117.18	1234.75	1069.07	1114.06	1210.85	1092.85	1103.15	1212.78	1071.76	1097.80	1212.78
1/19/2025	1076.24	1093.19	1187.18	986.03	1070.77	1237.81	988.69	1056.62	1242.59	997.88	1044.49	1248.63	1047.45	1113.28	1234.42	1064.72	1109.93	1210.07	1088.41	1098.54	1212.00	1066.41	1093.19	1212.00
1/20/2025	1080.67	1097.58	1186.00	990.51	1075.26	1229.97	993.42	1057.81	1242.75	1002.53	1048.55	1248.61	1051.61	1116.93	1233.75	1069.54	1113.88	1209.35	1093.10	1103.22	1211.50	1072.18	1097.58	1211.50
1/21/2025	1078.75	1098.21	1187.78	990.35	1077.38	1238.45	993.34	1056.95	1242.65	1001.35	1048.31	1248.46	1050.26	1115.96	1231.05	1068.52	1113.18	1207.39	1092.92	1103.07	1210.73	1071.97	1098.21	1210.73
1/22/2025	NA	1096.71	1189.22	988.81	1075.24	1238.32	992.34	1056.53	1242.90	999.64	1046.66	1248.52	1050.50	1114.50	1229.46	1067.42	1111.65	1206.16	1091.35	1101.39	1210.34	1069.85	1096.71	1210.34
1/23/2025	NA	1098.50	1187.05	990.52	1078.32	1237.96	994.05	1057.16	1242.27	1000.78	1047.84	1248.34	1052.77	1115.50	1227.80	1068.67	1112.78	1204.63	1092.01	1102.92	1209.26	1071.19	1098.50	1209.26
1/24/2025	1074.47	1094.43	1188.34	986.65	1073.36	1237.35	991.77	1056.67	1242.17	998.15	1045.63	1248.38	1050.59	1113.05	1227.33	1065.61	1109.90	1204.46	1089.07	1099.29	1209.23	1068.34	1094.43	1209.23
1/25/2025	1074.46	1092.47	1187.36	984.43	1070.51	1191.86	990.44	1056.07	1242.17	996.70	1045.22	1248.38	1049.75	1111.48	1226.86	1063.09	1108.35	1203.43	1087.46	1097.72	1208.16	1066.28	1092.47	1208.16
1/26/2025	1072.91	1090.87	1186.28	982.87	1068.81	1236.81	988.60	1056.17	1241.65	995.13	1044.13	1248.20	1049.34	1110.19	1226.62	1062.13	1106.87	1203.44	1085.57	1095.92	1207.38	1064.82	1090.87	1207.38
1/27/2025	1094.57	1111.94	1184.54	1007.99	1092.27	1236.39	1010.55	1072.22	1241.88	1019.24	1064.17	1248.24	1070.60	1128.05	1226.65	1085.48	1125.24	1203.18	1105.43	1116.37	1207.64	1088.06	1111.94	1207.64
1/28/2025	1085.29	1099.59	1190.25	990.52	1077.40	1238.36	995.28	1062.28	1242.35	1000.84	1052.81	1248.08	1056.90	1116.96	1227.76	1069.60	1114.41	1207.00	1094.16	1104.83	1210.46	NA	1099.59	1210.46
1/29/2025	1083.55	1101.80	1192.05	995.50	1080.56	1238.04	1003.81	1078.72	1242.18	1007.07	1065.62	1247.88	1059.59	1117.81	1227.62	1067.72	1114.62	1206.31	1093.17	1104.92	1209.33	NA	1101.80	1209.33
1/30/2025	1073.78	1088.30	1188.50	982.28	1065.36	1237.38	988.91	1058.28	1241.30	993.05	1049.97	1247.87	1050.56	1108.11	1227.47	1059.80	1104.85	1204.56	1084.02	1094.15	1207.35	NA	1088.30	1207.35
1/31/2025	NA	1098.37	1186.00	991.01	1077.49	1237.02	998.28	1077.72	1241.55	1001.51	1062.85	1248.16	1057.85	1116.24	1229.39	1067.15	1114.19	1204.16	NA	1104.52	1207.00	NA	1098.37	1207.00

Notes:

All measurements in elevation above mean sea level.

NA or NM = Not measured or otherwise not available

No data were available for the following dates/wells:

R-01 reconditioning 1/22/2025 - 1/23/2025 and on 1/31/2025

R-02 reconditioning 1/15/2025 - 1/17/2025

R-04 reconditioning 1/5/2025 - 1/13/2025

R-05 reconditioning 1/6/2025 - 1/12/2025

R-07 r reconditioning 1/31/2025

R-08 reconditioning 1/28/2025 - 1/31/2025

R-09 reconditioning 1/27/2025

Table 2. February 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	M26-O	R-02	O-01	P19-1-O	R-03	O-02	M20-O(R)	R-04	O-03	M30-O	R-05	O-04	P49-O	R-06	O-05	M24-O	R-07	O-06	M22-O	R-08	O-07	M22-O
2/1/2025	NA	1104.61	1185.10	1000.19	1086.22	1238.11	1004.83	1089.77	1242.16	1013.31	1076.18	1248.34	1066.73	1123.06	1235.02	1074.12	1120.96	1205.19	NA	1110.94	1209.88	1074.30	1104.61	1209.88
2/2/2025	NA	1108.40	1189.24	1005.62	1091.18	1238.98	NA	1096.10	1242.84	1020.95	1084.45	1248.43	1072.01	1126.64	1233.97	1078.05	1124.37	1210.98	NA	1114.33	1212.01	1078.52	1108.40	1212.01
2/3/2025	1092.50	1106.83	1191.64	1001.79	1087.38	1239.43	1036.22	1090.77	1243.58	1013.03	1077.35	1248.84	1069.19	1125.00	1235.24	1076.36	1122.89	1212.57	1101.89	1112.84	1213.20	1077.28	1106.83	1213.20
2/4/2025	1111.03	1109.19	1194.13	1004.04	1090.43	1239.73	1013.30	1093.05	1240.93	1013.43	1078.10	1249.07	1071.20	1126.89	1222.49	1078.76	1124.95	1213.24	1114.69	1115.26	1213.91	1080.48	1109.19	1213.91
2/5/2025	1098.83	1099.78	1194.93	992.80	1081.00	1239.23	1001.62	1082.84	1242.41	1002.31	1067.74	1248.97	1064.89	1120.05	1236.49	1070.06	1117.35	1213.23	1104.41	1106.49	1213.72	1071.61	1099.78	1213.72
2/6/2025	1107.48	1105.31	1193.78	998.70	1085.91	1239.54	1007.43	1088.05	1243.39	1007.84	1072.60	1249.08	1065.65	1124.28	1236.74	1073.59	1122.02	1213.11	1111.41	1111.85	1213.60	1075.54	1105.31	1213.60
2/7/2025	1103.81	1101.07	1194.47	993.67	1081.11	1239.37	1002.69	1083.91	1243.40	1002.65	1067.66	1253.41	1059.31	1120.78	1237.45	1069.61	1118.60	1213.50	1107.76	1108.16	1214.02	1071.95	1101.07	1214.02
2/8/2025	1100.07	1097.38	1194.45	989.99	1077.07	1239.44	998.58	1079.86	1243.14	997.90	1062.92	1252.26	1053.99	1116.54	1237.16	1065.55	1114.42	1212.34	1103.40	1103.81	1213.33	1067.77	1097.38	1213.33
2/9/2025	1098.18	1095.68	1193.76	988.36	1075.24	1238.79	997.08	1077.94	1242.74	996.16	1061.24	1249.24	1052.47	1115.07	1237.23	1063.97	1112.83	1211.73	1101.67	1102.07	1211.86	1066.38	1095.68	1211.86
2/10/2025	1091.03	1091.07	1193.76	984.36	1069.28	1238.79	994.63	1072.33	1242.74	993.21	1057.71	1249.24	1048.89	1110.96	1237.23	1059.90	1107.91	1211.73	1095.42	1096.32	1211.86	1061.71	1091.07	1211.86
2/11/2025	1099.53	1097.76	1190.13	990.27	1077.16	1238.60	1002.45	1080.72	1242.76	1000.43	1065.34	1249.37	1055.23	1116.33	1237.19	1064.01	1113.98	1211.29	1102.82	1103.21	1211.41	1067.63	1097.76	1211.41
2/12/2025	1097.52	1095.60	1189.96	994.09	1075.54	1238.28	1001.88	1078.00	1243.33	1000.24	1063.85	1249.41	1055.35	1116.69	1236.66	1065.19	1114.15	1211.75	1101.60	1103.32	1212.68	1067.41	1095.60	1212.68
2/13/2025	1089.62	1088.02	1189.30	979.73	1065.77	1238.79	989.61	1068.57	1243.09	988.85	1053.03	1249.23	1045.28	1108.34	1235.47	1056.62	1105.02	1211.61	1093.17	1093.35	1211.37	1058.67	1088.02	1211.37
2/14/2025	1093.03	1091.22	1185.38	982.07	1068.90	1238.58	991.02	1071.50	1243.02	990.39	1054.88	1248.90	1047.09	1110.84	1236.21	1059.33	1108.39	1209.89	1097.06	1097.38	1209.55	1062.66	1091.22	1209.55
2/15/2025	1092.91	1090.36	1185.49	982.15	1068.25	1238.74	990.53	1071.32	1243.04	989.60	1054.25	1248.79	1045.96	1109.53	1235.12	1058.48	1107.05	1208.33	1095.68	1096.10	1209.25	1063.86	1090.36	1209.25
2/16/2025	1092.75	1090.58	1186.32	982.41	1068.13	1238.22	990.51	1071.17	1243.14	989.53	1054.21	1247.66	1046.20	1109.74	1232.54	1058.92	1107.46	1207.28	1096.08	1096.40	1209.07	1061.51	1090.58	1209.07
2/17/2025	1095.82	1098.58	1186.24	986.23	1072.63	1237.41	993.56	1074.42	1242.79	992.96	1057.14	1247.77	1048.20	1111.56	1232.07	1060.48	1109.47	1206.95	1098.34	1098.81	1209.10	1063.34	1098.58	1209.10
2/18/2025	1091.10	1095.38	1184.45	987.20	1068.73	1236.08	994.29	1070.67	1242.81	993.18	1054.71	1248.31	1047.11	1107.95	1233.39	1058.53	1104.44	1208.16	1092.23	1093.70	1209.37	1061.95	1095.38	1209.37
2/19/2025	1090.86	1097.91	1185.02	991.29	1070.74	1239.55	998.37	1074.01	1242.62	999.40	1058.34	1248.83	1050.60	1111.07	1233.06	1060.24	1107.60	1205.01	1093.32	1096.59	1207.50	1063.73	1097.91	1207.50
2/20/2025	1090.13	1093.81	1185.08	985.40	1067.49	1240.42	991.92	1069.39	1242.61	991.50	1052.33	1249.16	1044.61	1106.52	1232.85	1055.73	1103.98	1204.29	1092.58	1093.11	1207.03	1058.97	1093.81	1207.03
2/21/2025	1089.02	1084.15	1181.64	983.26	1065.27	1236.29	990.89	1067.66	1241.59	992.34	1051.71	1246.08	1045.14	1106.53	1228.31	1056.82	1104.21	1203.66	1092.81	1093.15	1206.02	1060.39	1084.15	1206.02
2/22/2025	1094.09	1088.40	1182.55	991.79	1070.69	1235.99	995.90	1070.02	1241.18	997.36	1056.67	1245.85	1050.44	1110.69	1226.65	1063.37	1108.57	1202.33	1097.61	1098.06	1206.27	1066.37	1088.40	1206.27
2/23/2025	1087.00	1081.56	1185.29	980.20	1062.09	1236.03	988.18	1065.48	1241.64	988.63	1048.79	1246.39	1042.29	1104.41	1225.42	1055.46	1102.14	1201.49	1090.68	1091.02	1205.86	1057.30	1081.56	1205.86
2/24/2025	1081.83	1078.96	1186.27	978.41	1058.86	1235.60	986.98	1061.67	1241.08	986.98	1046.51	1246.83	1040.55	1102.25	1228.37	1053.43	1099.64	1199.97	1087.14	1088.41	1204.71	1055.86	1078.96	1204.71
2/25/2025	1084.53	1079.62	1183.47	978.41	1060.13	1234.49	986.44	1063.92	1240.73	987.01	1048.49	1246.33	1041.70	1103.17	1224.24	1053.92	1100.42	1199.07	1088.70	1088.98	1205.23	1055.71	1079.62	1205.23
2/26/2025	1078.85	1074.57	1178.87	973.16	1054.32	1233.68	980.97	1058.05	1240.14	981.31	1043.55	1246.10	1038.97	1100.81	1222.93	1049.85	1095.80	1198.30	1084.02	1086.90	1203.55	1051.22	1074.57	1203.55
2/27/2025	1082.11	1077.70	1176.72	975.94	1057.56	1235.24	983.62	1060.27	1240.48	983.76	1045.45	1246.56	1042.16	1102.36	1222.28	1052.20	1098.43	1197.28	1086.75	1086.54	1201.80	1054.20	1077.70	1201.80
2/28/2025	1079.83	1065.01	1176.83	973.96	1055.37	1233.31	980.61	1058.53	1240.13	981.22	1043.94	1246.00	1038.73	1098.41	1222.37	1050.26	1096.62	1197.19	1083.89	1086.36	1201.84	1052.39	1065.01	1201.84

Notes:

All measurements in elevation above mean sea level.

NA or NM = Not measured or otherwise not available

No data were available for the following dates/wells:

R-01 reconditioning 2/1/2025 - 2/2/2025

R-03 reconditioning 2/3/2025

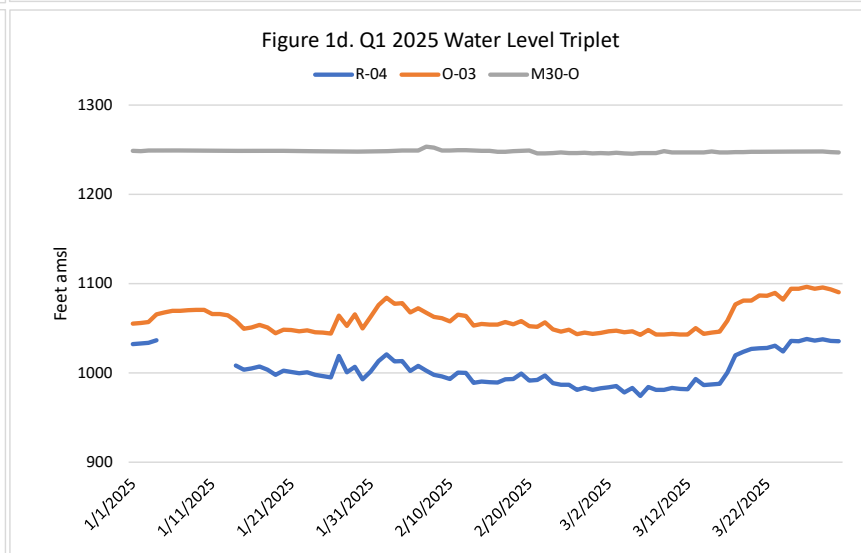
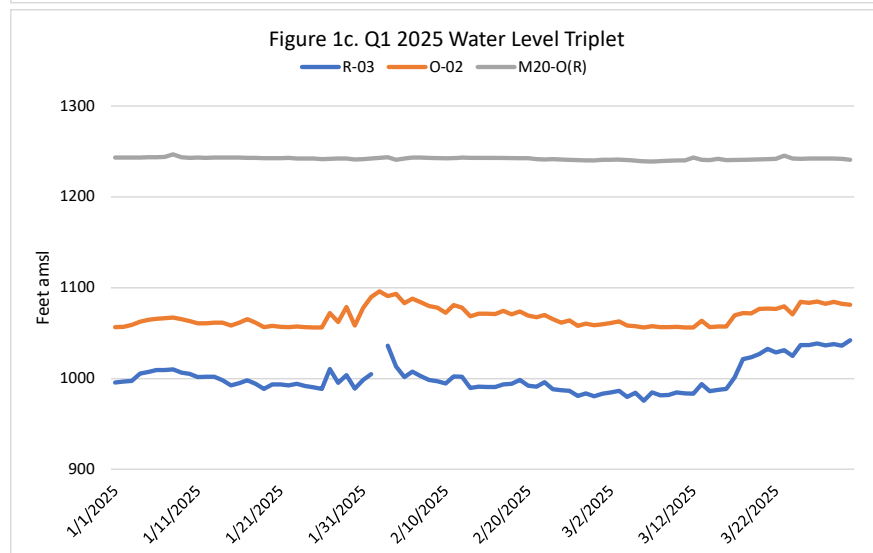
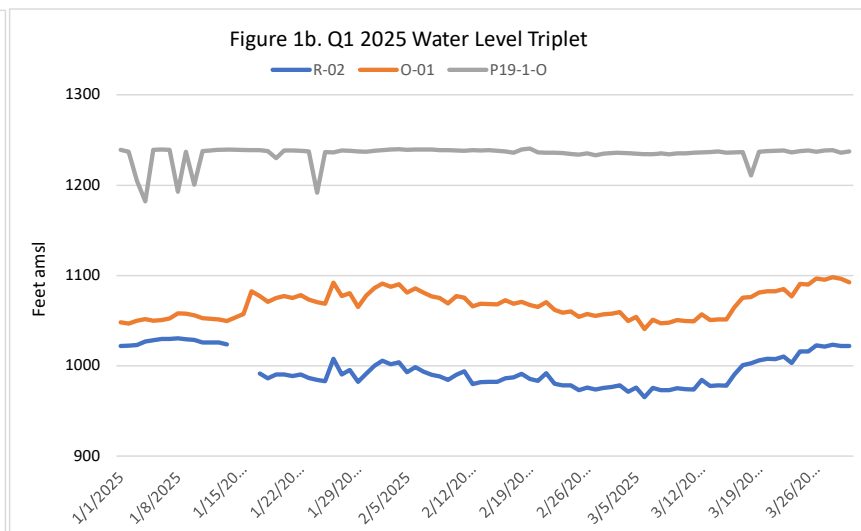
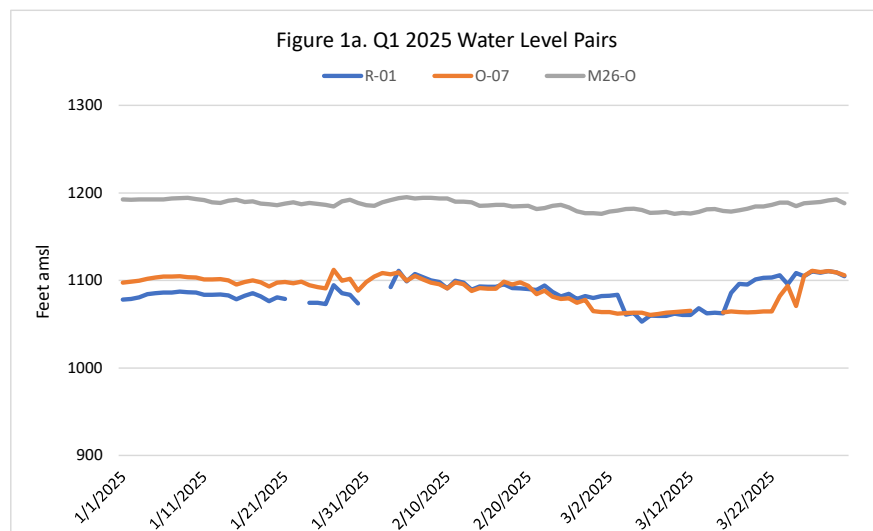
R-07 Reconditioning 2/1/2025 - 2/2/2025

Table 3. March 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	M26-O	R-02	O-01	P19-1-O	R-03	O-02	M20-O(R)	R-04	O-03	M30-O	R-05	O-04	P49-O	R-06	O-05	M24-O	R-07	O-06	M22-O	R-08	O-07	M22-O
3/1/2025	1082.00	1063.79	1176.24	975.69	1057.17	1234.98	983.34	1059.82	1240.71	982.93	1044.97	1246.15	1038.98	1101.45	1222.49	1051.74	1098.08	1197.42	1086.43	1086.40	1201.75	1053.66	1063.79	1201.75
3/2/2025	1082.54	1063.83	1178.78	976.65	1057.92	1235.58	984.79	1061.28	1240.74	984.17	1046.75	1246.06	1040.00	1101.69	1222.69	1051.94	1098.33	1197.67	1086.66	1086.45	1201.91	1053.75	1063.83	1201.91
3/3/2025	1083.59	1061.84	1179.76	978.44	1059.70	1235.85	986.31	1062.89	1240.96	985.33	1047.37	1246.68	1041.78	1102.58	1223.34	1053.28	1093.34	1198.25	1087.96	1086.51	1202.10	1056.42	1061.84	1202.10
3/4/2025	1061.08	1062.82	1181.53	971.43	1049.76	1235.19	979.74	1058.17	1240.87	978.22	1045.56	1245.77	1023.28	NA	1223.63	1048.20	1092.67	1198.83	1068.57	1086.60	1204.06	1050.74	1062.82	1204.06
3/5/2025	1062.93	1063.26	1181.85	975.93	1054.08	1234.89	984.22	1057.48	1239.95	983.29	1046.78	1245.62	1028.65	NA	1224.60	1049.34	1092.41	1197.85	1071.40	1086.35	1201.32	1052.50	1063.26	1201.32
3/6/2025	1052.65	1063.23	1180.46	965.09	1040.63	1234.62	975.56	1056.04	1239.26	974.40	1042.67	1246.13	1020.69	NA	1227.48	1039.46	1092.34	1198.91	1059.04	1086.30	1201.20	1042.42	1063.23	1201.20
3/7/2025	1059.95	1060.31	1177.29	975.45	1050.88	1234.30	984.84	1057.50	1239.12	984.43	1048.02	1246.16	1029.60	NA	1228.80	1046.22	1092.53	1199.10	1066.83	1079.07	1200.90	1050.05	1060.31	1200.90
3/8/2025	1059.60	1061.74	1177.50	972.96	1047.23	1235.28	981.62	1056.44	1239.61	981.31	1043.01	1246.25	1030.40	NA	1230.47	1047.59	1092.79	1200.86	1069.86	1083.29	1201.97	1051.24	1061.74	1201.97
3/9/2025	1059.62	1063.08	1178.22	972.99	1047.96	1234.10	981.85	1056.41	1239.68	981.02	1043.03	1248.56	1032.14	NA	1231.59	1047.87	1092.67	1201.69	1070.65	1086.62	1202.92	1051.79	1063.08	1202.92
3/10/2025	1061.97	1063.67	1176.09	975.34	1050.74	1235.24	984.54	1056.85	1240.00	983.16	1043.90	1246.95	1035.92	NA	1232.40	1050.27	1092.49	1201.81	1073.57	1086.39	1203.37	1053.72	1063.67	1203.37
3/11/2025	1060.59	1064.53	1177.01	974.18	1049.47	1235.42	983.76	1056.26	1240.21	982.37	1043.04	1246.95	1036.80	NA	1238.01	1049.98	1092.49	1203.43	1070.60	NA	1204.22	1050.50	1064.53	1204.22
3/12/2025	1060.67	1065.14	1176.55	973.83	1049.15	1235.90	983.30	1056.34	1243.23	981.87	1043.20	1246.85	1037.46	NA	1233.44	1049.65	1092.55	1203.44	1069.68	1086.52	1204.23	1049.96	1065.14	1204.23
3/13/2025	1068.41	NA	1178.13	984.46	1057.19	1236.45	993.75	1063.64	1240.71	993.20	1050.44	1247.07	1045.99	NA	1233.85	1056.24	1092.43	1203.75	1077.34	1086.37	1205.17	1057.15	NA	1205.17
3/14/2025	1062.30	1061.95	1181.13	977.63	1050.56	1236.83	986.09	1056.56	1240.60	986.38	1043.75	1247.04	1040.99	NA	1234.48	1051.20	1092.50	1205.55	1071.64	1086.43	1206.40	1052.87	1061.95	1206.40
3/15/2025	1062.97	NA	1181.67	978.29	1051.43	1237.56	987.62	1057.25	1241.84	987.25	1045.15	1247.99	1042.46	NA	1234.35	1051.66	NA	1204.87	1072.21	1086.57	1205.78	1053.88	NA	1205.78
3/16/2025	1062.43	1063.57	1179.40	978.10	1051.30	1236.03	988.56	1057.36	1240.39	988.11	1046.29	1246.94	1044.09	NA	1234.38	1051.46	1092.70	1204.63	1072.27	1086.63	1205.66	1052.44	1063.57	1205.66
3/17/2025	1085.94	1064.42	1178.48	990.60	1064.93	1236.43	1001.36	1069.43	1240.58	1000.60	1058.71	1247.12	1054.52	1111.32	1234.67	1060.75	1092.57	1205.11	1091.86	1093.82	1206.28	1062.12	1064.42	1206.28
3/18/2025	1095.88	1063.93	1180.04	1000.84	1075.36	1236.83	1021.16	1072.23	1240.92	1019.81	1076.77	1247.26	1086.85	1118.73	1235.53	1069.96	1092.75	1207.62	1103.20	1103.96	1208.47	1083.42	1063.93	1208.47
3/19/2025	1095.20	1063.61	1181.95	1002.87	1076.32	1210.96	1023.61	1071.83	1241.16	1023.88	1080.96	1247.28	1093.15	1121.23	1236.15	1072.22	1092.83	1210.15	1104.11	1105.93	1210.52	1088.31	1063.61	1210.52
3/20/2025	1101.21	1063.89	1184.54	1006.21	1081.06	1237.01	1027.13	1076.59	1241.34	1027.10	1081.17	1247.55	1100.78	1124.01	1236.73	1074.35	1092.60	1211.46	1108.66	1109.39	1211.86	1094.44	1063.89	1211.86
3/21/2025	1103.00	1064.53	1184.42	1007.65	1082.68	1237.85	1032.64	1076.84	1241.42	1027.65	1086.80	1247.68	1101.73	1125.15	1238.76	1075.67	1092.58	1212.20	1110.06	1111.04	1212.43	1096.00	1064.53	1212.43
3/22/2025	1103.21	1064.68	1186.22	1007.62	1082.61	1238.10	1028.60	1076.58	1241.84	1027.95	1086.49	1247.78	1102.18	1125.97	1237.07	1076.23	1092.54	1212.74	1110.84	1111.73	1213.14	1096.66	1064.68	1213.14
3/23/2025	1105.72	1082.10	1189.00	1010.15	1085.12	1238.51	1031.33	1079.55	1245.44	1030.70	1089.74	1247.81	1104.47	1127.90	1237.32	1078.24	1092.58	1213.34	1112.89	1113.82	1213.88	1098.93	1082.10	1213.88
3/24/2025	1095.62	1094.01	1188.86	1003.08	1076.83	1236.32	1024.76	1070.60	1242.17	1024.23	1082.07	1247.90	1094.59	1121.75	1237.37	1072.52	1092.61	1213.35	1105.06	1106.36	1213.65	1089.71	1094.01	1213.65
3/25/2025	1108.51	1070.86	1184.79	1015.88	1090.59	1237.62	1036.90	1084.25	1241.86	1035.91	1094.32	1247.84	1107.76	1130.01	1236.89	1080.18	1128.34	1212.40	1115.51	1116.65	1212.70	1103.13	1070.86	1212.70
3/26/2025	1104.79	1105.32	1188.30	1016.12	1090.06	1238.55	1036.88	1083.24	1242.18	1035.65	1094.45	1247.97	1103.14	1128.84	1228.60	1079.40	1125.86	1213.46	1112.79	1115.08	1214.16	1098.95	1105.32	1214.16
3/27/2025	1110.37	1111.00	1189.01	1022.66	1096.90	1237.08	1038.60	1084.72	1242.14	1038.13	1096.49	1247.96	1109.10	1130.16	1235.44	1081.25	1126.60	1214.01	1115.29	1116.59	1214.66	1106.06	1111.00	1214.66
3/28/2025	1108.83	1109.46	1189.66	1021.25	1095.42	1238.52	1036.60	1082.46	1242.25	1036.35	1094.52	1248.16	1107.30	1128.56	1236.60	1080.05	1125.02	1213.55	1113.72	1115.09	1213.85	1104.71	1109.46	1213.85
3/29/2025	1110.61	1110.74	1191.59	1023.44	1097.97	1238.72	1038.05	1084.42	1242.36	1037.74	1095.83	1248.12	1108.25	1129.25	1235.36	1081.16	1125.81	1212.58	1114.76	1116.12	1213.77	1106.12	1110.74	1213.77
3/30/2025	1109.07	1109.27	1192.48	1021.91	1096.27	1236.03	1036.09	1082.39	1241.91	1035.86	1093.77	1247.19	1106.02	1126.64	1232.64	1079.48	1123.37	1210.73	1112.54	1114.03	1212.50	1104.38	1109.27	1212.50
3/31/2025	1104.90	1105.87	1188.34	1021.91	1092.61	1237.35	1042.10	1081.31	1240.89	1035.53	1090.53	1246.83	1100.24	1123.55	1228.74	1076.75	1120.31	1207.50	1108.63	1113.76	1211.53	1099.07	1105.87	1211.53

Notes:
All measurements in elevation above mean sea level.
NA or NM = Not measured or otherwise not available
No data were available for the following dates/wells:

Hydraulic Gradient - Daily Average Water Level Elevations

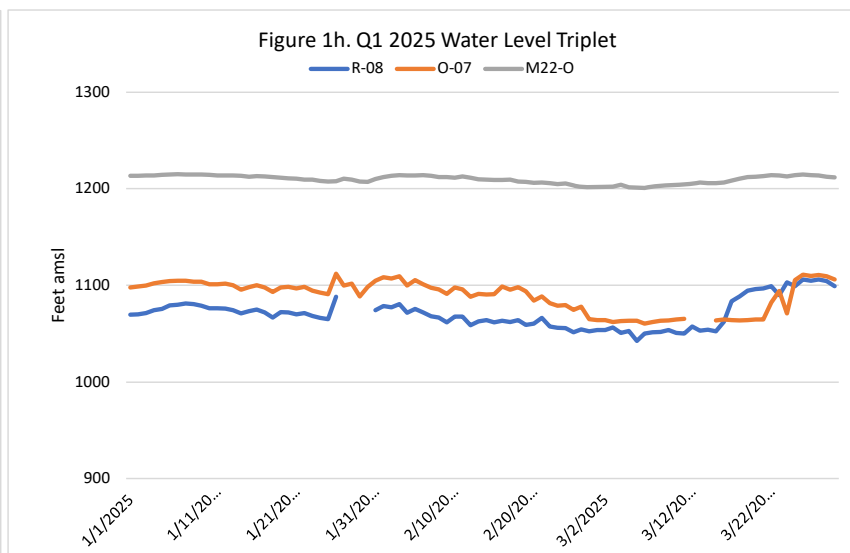
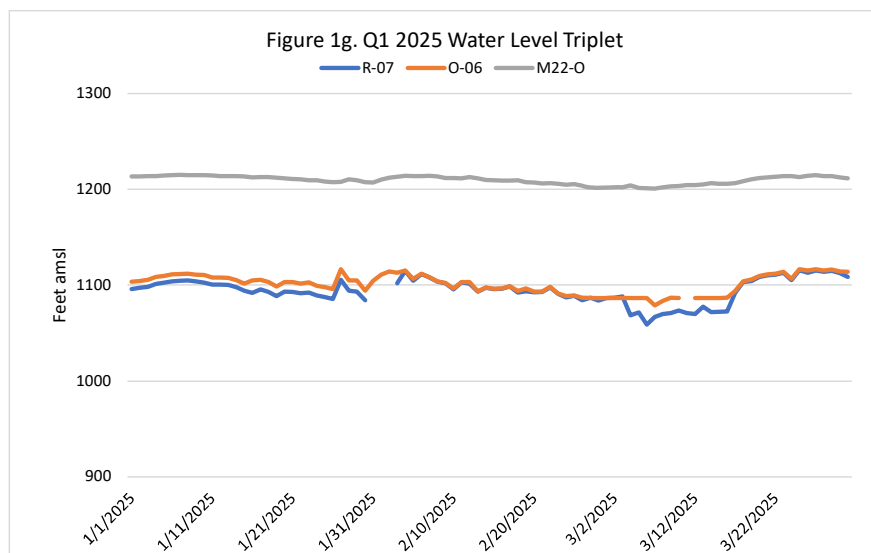
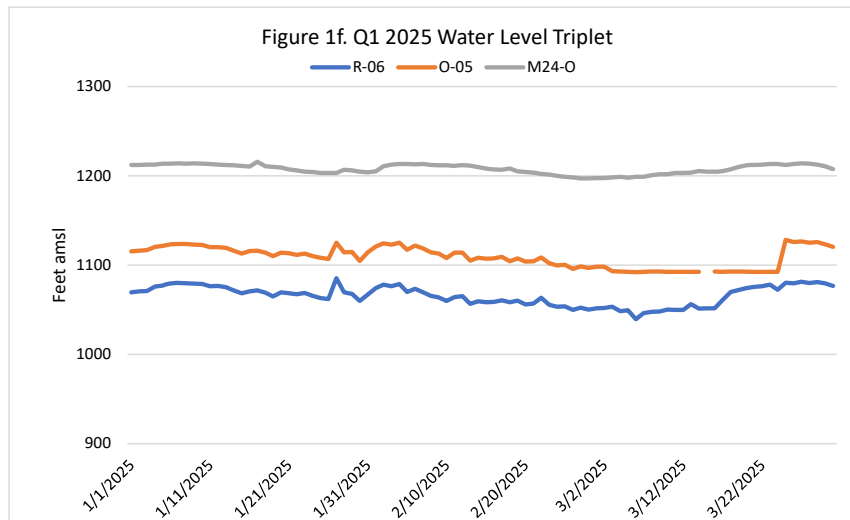
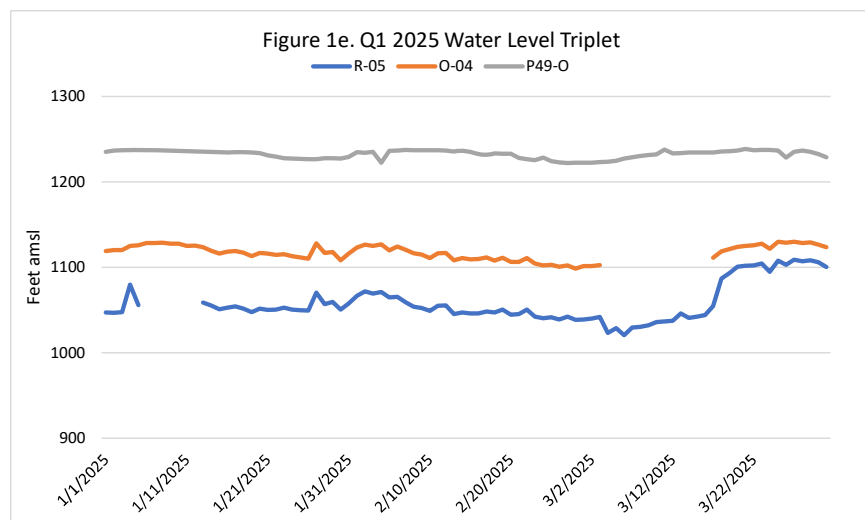


Notes:

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

The difference in water elevations across entire well triplets (i.e., from pumping well to POC well) remained above 1 foot; therefore, compliance is demonstrated for the reporting period.

Hydraulic Gradient - Daily Average Water Level Elevations



Notes:

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

The difference in water elevations across entire well triplets (i.e., from pumping well to POC well) remained above 1 foot; therefore, compliance is demonstrated for the reporting period.

Table 4. January 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?
	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	M26-O	O-01	P19-1-O	O-02	M20-O(R)	O-03	M30-O	O-04	P49-O	O-05	M24-O	O-06	M22-O	O-07	M22-O	
1/1/2025	19.59	114.63	26.28	217.23	60.94	247.76	22.90	216.46	72.07	188.07	45.76	142.88	7.67	117.49	27.96	143.67	Yes
1/2/2025	19.76	113.39	24.14	214.46	60.34	246.54	22.94	215.11	73.44	190.02	45.47	141.54	7.19	116.29	28.87	143.47	Yes
1/3/2025	19.20	111.90	26.78	181.72	61.42	245.93	23.32	215.28	72.65	189.53	45.84	141.60	7.19	115.38	28.43	142.23	Yes
1/4/2025	17.68	108.23	24.93	154.99	57.18	238.09	28.93	212.41	45.38	157.50	44.47	136.61	7.38	112.69	27.75	139.49	Yes
1/5/2025	17.80	107.15	21.57	210.93	57.40	236.41	NA	NA	69.94	181.45	44.51	136.72	7.23	112.13	27.63	138.97	Yes
1/6/2025	18.27	106.25	20.95	209.99	56.62	234.35	NA	NA	NA	NA	43.75	134.03	7.39	110.79	25.19	135.39	Yes
1/7/2025	18.28	107.45	22.78	209.26	57.12	234.69	NA	NA	NA	NA	43.80	134.42	6.93	110.63	24.81	135.31	Yes
1/8/2025	17.51	106.73	27.58	162.23	57.39	236.77	NA	NA	NA	NA	43.75	133.61	7.08	110.03	23.77	133.72	Yes
1/9/2025	17.27	108.03	28.43	207.69	59.14	237.13	NA	NA	NA	NA	43.70	134.82	6.95	110.76	23.23	134.12	Yes
1/10/2025	17.40	106.66	27.29	171.89	58.14	237.95	NA	NA	NA	NA	43.67	134.71	7.79	112.11	24.72	135.96	Yes
1/11/2025	17.55	108.23	26.85	212.04	58.96	241.52	NA	NA	NA	NA	43.90	136.89	7.33	113.92	24.99	138.28	Yes
1/12/2025	17.33	105.43	26.10	212.36	58.80	240.87	NA	NA	NA	NA	43.66	135.97	7.16	113.09	25.01	137.60	Yes
1/13/2025	17.59	104.70	25.30	213.24	59.63	241.18	NA	NA	64.82	177.00	44.14	137.08	7.40	113.42	25.73	137.80	Yes
1/14/2025	17.16	108.48	25.85	215.65	63.53	245.37	50.13	240.43	64.21	179.60	44.68	140.38	7.53	116.00	25.86	139.72	Yes
1/15/2025	16.77	113.63	NA	NA	65.73	250.84	45.61	244.86	65.21	183.81	44.58	142.84	7.41	119.12	24.69	142.53	Yes
1/16/2025	15.68	107.31	NA	NA	66.61	248.35	45.88	243.62	65.63	181.83	44.99	139.85	12.85	120.51	25.07	139.37	Yes
1/17/2025	14.55	104.88	NA	NA	67.36	245.03	46.69	241.75	64.92	180.68	44.45	144.28	10.11	117.53	25.22	138.13	Yes
1/18/2025	15.94	105.98	85.85	247.31	67.27	248.49	47.10	244.88	65.47	183.03	44.99	141.78	10.30	119.92	26.04	141.02	Yes
1/19/2025	16.95	110.94	84.74	251.78	67.93	253.90	46.60	250.74	65.82	186.97	45.21	145.35	10.12	123.59	26.78	145.60	Yes
1/20/2025	16.91	105.33	84.75	239.46	64.39	249.33	46.03	246.08	65.32	182.14	44.35	139.81	10.12	118.40	25.40	139.32	Yes
1/21/2025	19.47	109.04	87.02	248.10	63.61	249.31	46.95	247.11	65.70	180.79	44.66	138.87	10.15	117.80	26.24	138.75	Yes
1/22/2025	NA	NA	86.43	249.51	64.18	250.56	47.02	248.88	64.00	178.96	44.23	138.74	10.04	118.99	26.86	140.49	Yes
1/23/2025	NA	NA	87.80	247.44	63.11	248.22	47.06	247.56	62.73	175.03	44.11	135.95	10.91	117.25	27.31	138.07	Yes
1/24/2025	19.96	113.88	86.71	250.69	64.91	250.40	47.47	250.22	62.47	176.74	44.29	138.86	10.22	120.16	26.09	140.90	Yes
1/25/2025	18.01	112.90	86.09	207.43	65.63	251.73	48.53	251.69	61.73	177.10	45.25	140.34	10.26	120.70	26.19	141.88	Yes
1/26/2025	17.96	113.37	85.94	253.93	67.57	253.05	49.00	253.07	60.85	177.29	44.74	141.31	10.35	121.80	26.06	142.56	Yes
1/27/2025	17.38	89.97	84.28	228.40	61.67	231.33	44.93	229.00	57.45	156.05	39.77	117.70	10.94	102.20	23.89	119.58	Yes
1/28/2025	14.30	104.96	86.88	247.84	67.00	247.07	51.97	247.24	60.06	170.86	44.81	137.40	10.67	116.30	NA	NA	Yes
1/29/2025	18.25	108.50	85.06	242.54	74.91	238.37	58.56	240.81	58.22	168.04	46.90	138.59	11.75	116.16	NA	NA	Yes
1/30/2025	14.51	114.72	83.08	255.10	69.37	252.38	56.92	254.82	57.55	176.91	45.04	144.76	10.13	123.34	NA	NA	Yes
1/31/2025	NA	NA	86.49	246.01	79.43	243.27	61.34	246.65	58.38	171.53	47.04	137.01	NA	NA	NA	NA	Yes

Notes:
The difference in water elevations across entire well triplets (i.e., from pumping well to POC well) remained above 1 foot; therefore, compliance is demonstrated for the reporting period.
All measurements in feet
NA or NM = Not measured or otherwise not available
WL Diff. = Water level difference
POC = point of compliance
No data were available for the following dates/wells:
R-01 reconditioning 1/22/2025 - 1/23/2025 and on 1/31/2025
R-02 reconditioning 1/15/2025 - 1/17/2025
R-04 reconditioning 1/5/2025 - 1/13/2025
R-05 reconditioning 1/6/2025 - 1/12/2025
R-07 reconditioning 1/31/2025
R-08 reconditioning 1/28/2025 - 1/31/2025

Table 5. February 2025 Daily Average Water Level Difference

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?
	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	M26-O	O-01	P19-1-O	O-02	M20-O(R)	O-03	M30-O	O-04	P49-O	O-05	M24-O	O-06	M22-O	O-07	M22-O	
2/1/2025	NA	NA	86.03	237.92	84.93	237.32	62.87	235.03	56.33	168.30	46.83	131.06	NA	NA	30.31	135.58	Yes
2/2/2025	NA	NA	85.56	233.36	NA	NA	63.49	227.48	54.64	161.96	46.32	132.93	NA	NA	29.88	133.49	Yes
2/3/2025	14.34	99.14	85.59	237.64	54.55	207.36	64.32	235.81	55.81	166.05	46.53	136.21	10.95	111.31	29.55	135.92	Yes
2/4/2025	-1.84	83.09	86.40	235.69	79.75	227.62	64.67	235.64	55.70	151.30	46.19	134.48	0.56	99.21	28.71	133.43	Yes
2/5/2025	0.95	96.10	88.20	246.43	81.22	240.79	65.43	246.65	55.16	171.59	47.29	143.17	2.08	109.31	28.16	142.11	Yes
2/6/2025	-2.17	86.30	87.20	240.84	80.62	235.97	64.75	241.24	58.63	171.09	48.44	139.52	0.45	102.19	29.77	138.05	Yes
2/7/2025	-2.73	90.66	87.44	245.70	81.22	240.71	65.01	250.76	61.47	178.14	49.00	143.89	0.40	106.26	29.12	142.07	Yes
2/8/2025	-2.69	94.38	87.08	249.46	81.28	244.57	65.02	254.36	62.55	183.17	48.87	146.79	0.41	109.93	29.62	145.57	Yes
2/9/2025	-2.50	95.58	86.88	250.43	80.86	245.66	65.08	253.08	62.61	184.76	48.86	147.76	0.39	110.19	29.30	145.49	Yes
2/10/2025	0.04	102.73	84.92	254.43	77.70	248.11	64.50	256.03	62.07	188.34	48.01	151.83	0.91	116.45	29.35	150.15	Yes
2/11/2025	-1.77	90.60	86.88	248.32	78.27	240.31	64.90	248.94	61.10	181.96	49.96	147.28	0.39	108.59	30.13	143.78	Yes
2/12/2025	-1.92	92.44	81.46	244.20	76.13	241.45	63.61	249.17	61.34	181.31	48.95	146.56	1.72	111.08	28.19	145.28	Yes
2/13/2025	-1.59	99.68	86.04	259.06	78.97	253.48	64.18	260.37	63.07	190.20	48.40	154.99	0.19	118.20	29.35	152.70	Yes
2/14/2025	-1.81	92.35	86.83	256.50	80.48	252.00	64.49	258.51	63.75	189.11	49.06	150.55	0.33	112.49	28.56	146.89	Yes
2/15/2025	-2.55	92.58	86.11	256.60	80.80	252.52	64.64	259.18	63.57	189.17	48.57	149.85	0.41	113.57	26.50	145.38	Yes
2/16/2025	-2.18	93.57	85.72	255.81	80.66	252.63	64.68	258.13	63.54	186.34	48.53	148.35	0.32	112.99	29.07	147.56	Yes
2/17/2025	2.76	90.42	86.40	251.18	80.86	249.23	64.18	254.81	63.36	183.87	48.99	146.47	0.47	110.75	35.24	145.76	Yes
2/18/2025	4.28	93.35	81.53	248.88	76.38	248.52	61.53	255.14	60.84	186.27	45.91	149.63	1.47	117.14	33.43	147.42	Yes
2/19/2025	7.06	94.17	79.46	248.27	75.64	244.25	58.94	249.43	60.47	182.45	47.36	144.77	3.27	114.18	34.18	143.77	Yes
2/20/2025	3.68	94.94	82.09	255.02	77.47	250.69	60.83	257.66	61.91	188.24	48.25	148.56	0.52	114.45	34.85	148.06	Yes
2/21/2025	-4.87	92.62	82.01	253.03	76.77	250.70	59.37	253.74	61.39	183.17	47.39	146.84	0.34	113.22	23.76	145.63	Yes
2/22/2025	-5.69	88.45	78.90	244.20	74.13	245.28	59.32	248.49	60.25	176.21	45.19	138.95	0.45	108.66	22.03	139.90	Yes
2/23/2025	-5.43	98.30	81.89	255.83	77.31	253.46	60.16	257.75	62.12	183.14	46.68	146.04	0.34	115.18	24.27	148.56	Yes
2/24/2025	-2.87	104.44	80.45	257.19	74.69	254.10	59.54	259.85	61.70	187.82	46.21	146.54	1.26	117.57	23.10	148.86	Yes
2/25/2025	-4.91	98.94	81.72	256.08	77.48	254.29	61.48	259.32	61.47	182.54	46.50	145.15	0.29	116.53	23.92	149.52	Yes
2/26/2025	-4.28	100.02	81.16	260.53	77.08	259.17	62.24	264.78	61.84	183.96	45.95	148.45	2.89	119.54	23.36	152.34	Yes
2/27/2025	-4.41	94.61	81.62	259.30	76.65	256.86	61.69	262.80	60.21	180.13	46.23	145.08	-0.21	115.05	23.50	147.61	Yes
2/28/2025	-14.82	97.00	81.41	259.35	77.92	259.52	62.72	264.78	59.68	183.65	46.36	146.93	2.47	117.95	12.63	149.45	Yes

Notes:

The difference in water elevations across entire well triplets (i.e., from pumping well to POC well) remained above 1 foot; therefore, compliance is demonstrated for the reporting period.

All measurements in feet

NA or NM = Not measured or otherwise not available

WL Diff. = water level difference

POC = point of compliance

No data were available for the following dates/wells:

R-01 reconditioning 2/1/2025 - 2/2/2025

R-03 reconditioning 2/3/2025

R-07 reconditioning 2/1/2025 - 2/2/2025

Table 6. March 2025 Daily Average Water Level Difference

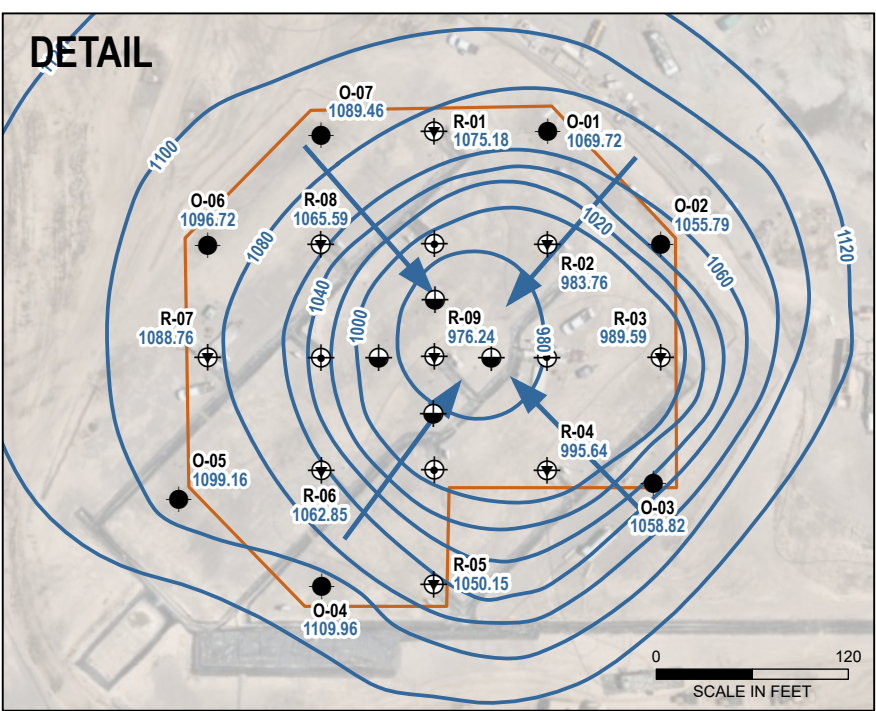
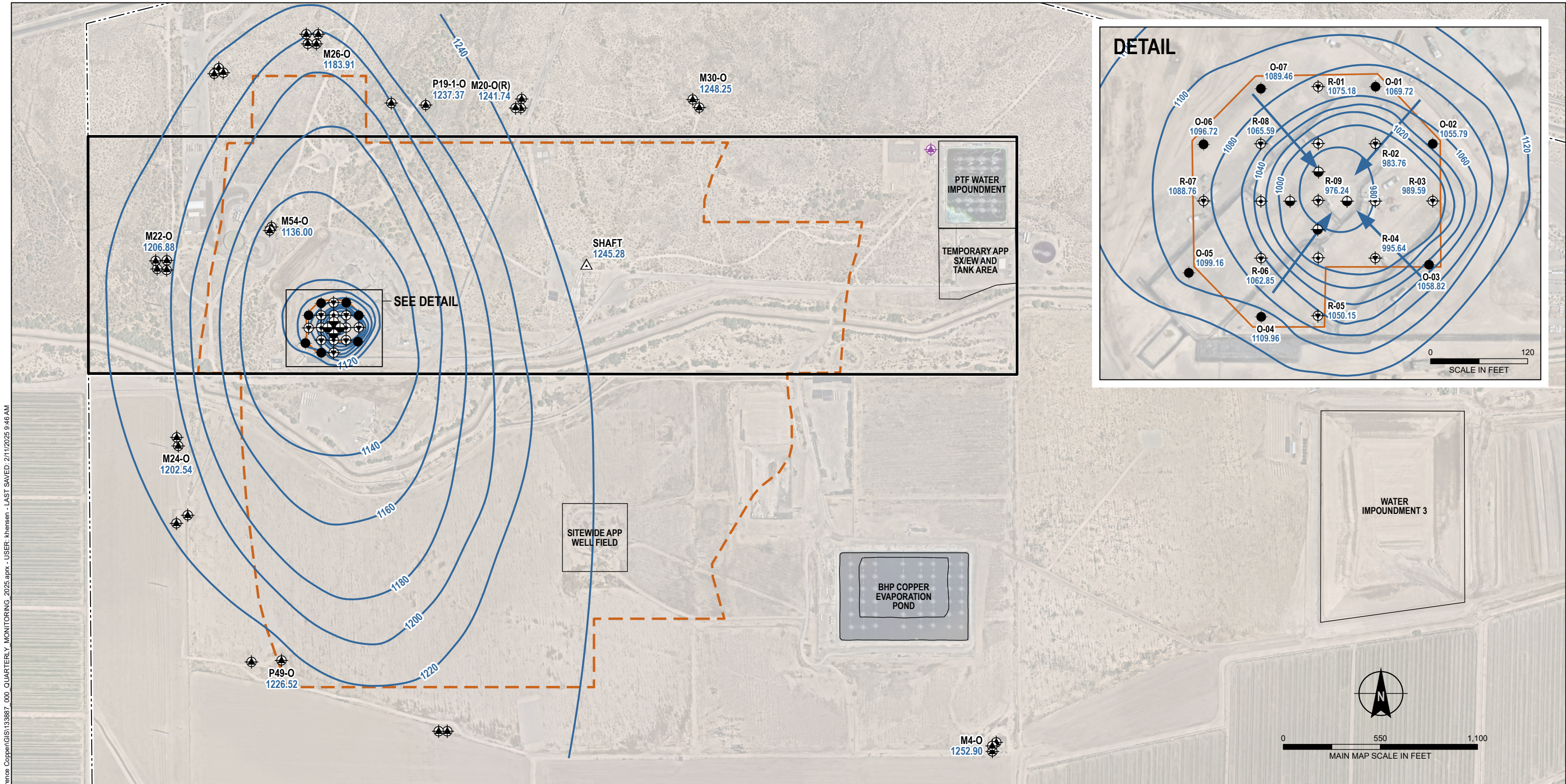
Date	R-01 Triplet		R-02 Triplet		R-03 Triplet		R-04 Triplet		R-05 Triplet		R-06 Triplet		R-07 Triplet		R-08 Triplet		All Gradients <1 foot?
	Pumping Well to Observation Well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping Well to Observation Well WL Diff.	Pumping Well to POC Well WL Diff.	Pumping 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	M26-O	O-01	P19-1-O	O-02	M20-O(R)	O-03	M30-O	O-04	P49-O	O-05	M24-O	O-06	M22-O	O-07	M22-O	
3/1/2025	-18.21	94.24	81.48	259.29	76.48	257.37	62.04	263.22	62.47	183.51	46.34	145.67	-0.03	115.32	10.13	148.09	Yes
3/2/2025	-18.71	96.24	81.28	258.94	76.50	255.95	62.58	261.89	61.69	182.70	46.38	145.73	-0.21	115.26	10.08	148.16	Yes
3/3/2025	-21.75	96.17	81.26	257.40	76.58	254.65	62.04	261.36	60.80	181.56	40.06	144.97	-1.45	114.14	5.42	145.68	Yes
3/4/2025	1.74	120.45	78.33	263.76	78.43	261.13	67.35	267.55	NA	200.35	44.47	150.63	18.03	135.49	12.08	153.31	Yes
3/5/2025	0.33	118.92	78.15	258.96	73.27	255.73	63.49	262.34	NA	195.95	43.07	148.51	14.96	129.93	10.76	148.83	Yes
3/6/2025	10.59	127.81	75.53	269.53	80.48	263.70	68.27	271.73	NA	206.79	52.89	159.45	27.26	142.16	20.81	158.78	Yes
3/7/2025	0.36	117.34	75.43	258.85	72.65	254.28	63.59	261.73	NA	199.20	46.31	152.88	12.23	134.06	10.25	150.84	Yes
3/8/2025	2.14	117.90	74.27	262.32	74.81	257.99	61.70	264.93	NA	200.07	45.20	153.26	13.43	132.11	10.49	150.73	Yes
3/9/2025	3.45	118.59	74.97	261.11	74.56	257.83	62.01	267.54	NA	199.45	44.80	153.82	15.98	132.27	11.28	151.13	Yes
3/10/2025	1.70	114.12	75.40	259.90	72.31	255.46	60.73	263.79	NA	196.48	42.22	151.54	12.81	129.80	9.95	149.65	Yes
3/11/2025	3.95	116.42	75.30	261.25	72.50	256.45	60.68	264.59	NA	201.22	42.51	153.46	NA	133.63	14.04	153.73	Yes
3/12/2025	4.46	115.87	75.32	262.07	73.04	259.93	61.33	264.98	NA	195.98	42.90	153.79	16.85	134.56	15.17	154.27	Yes
3/13/2025	NA	109.73	72.74	252.00	69.90	246.96	57.24	253.87	NA	187.86	36.19	147.51	9.03	127.82	NA	148.02	Yes
3/14/2025	-0.35	118.82	72.92	259.20	70.47	254.51	57.37	260.66	NA	193.49	41.30	154.35	14.79	134.76	9.07	153.53	Yes
3/15/2025	NA	118.70	73.14	259.27	69.63	254.22	57.90	260.74	NA	191.88	NA	153.21	14.37	133.57	NA	151.90	Yes
3/16/2025	1.14	116.97	73.20	257.93	68.79	251.83	58.18	258.83	NA	190.30	41.24	153.16	14.37	133.39	11.13	153.21	Yes
3/17/2025	-21.52	92.55	74.33	245.83	68.08	239.23	58.10	246.52	56.80	180.15	31.82	144.36	1.96	114.42	2.30	144.16	Yes
3/18/2025	-31.95	84.16	74.52	235.99	51.07	219.76	56.97	227.45	31.88	148.68	22.79	137.66	0.76	105.27	-19.49	125.05	Yes
3/19/2025	-31.59	86.75	73.45	208.10	48.22	217.55	57.08	223.41	28.08	142.99	20.62	137.94	1.81	106.41	-24.70	122.22	Yes
3/20/2025	-37.32	83.33	74.86	230.80	49.46	214.21	54.07	220.46	23.24	135.95	18.25	137.11	0.73	103.20	-30.55	117.42	Yes
3/21/2025	-38.47	81.42	75.02	230.20	44.20	208.78	59.14	220.02	23.42	137.02	16.91	136.53	0.98	102.37	-31.47	116.42	Yes
3/22/2025	-38.54	83.00	74.98	230.48	47.99	213.25	58.55	219.83	23.78	134.88	16.31	136.51	0.89	102.30	-31.98	116.48	Yes
3/23/2025	-23.62	83.28	74.96	228.35	48.22	214.11	59.05	217.11	23.44	132.86	14.34	135.09	0.93	100.99	-16.83	114.95	Yes
3/24/2025	-1.61	93.24	73.75	233.23	45.84	217.40	57.84	223.67	27.16	142.77	20.08	140.83	1.30	108.59	4.29	123.93	Yes
3/25/2025	-37.65	76.28	74.71	221.74	47.36	204.97	58.41	211.93	22.25	129.13	48.15	132.22	1.14	97.19	-32.28	109.56	Yes
3/26/2025	0.54	83.51	73.94	222.42	46.36	205.30	58.79	212.31	25.70	125.46	46.47	134.06	2.30	101.38	6.38	115.22	Yes
3/27/2025	0.63	78.64	74.23	214.42	46.12	203.53	58.36	209.84	21.06	126.34	45.34	132.76	1.30	99.37	4.94	108.60	Yes
3/28/2025	0.63	80.82	74.17	217.27	45.86	205.64	58.17	211.81	21.26	129.29	44.97	133.51	1.37	100.13	4.75	109.14	Yes
3/29/2025	0.12	80.97	74.53	215.28	46.36	204.31	58.09	210.38	21.00	127.11	44.65	131.42	1.36	99.01	4.62	107.65	Yes
3/30/2025	0.20	83.41	74.36	214.12	46.30	205.82	57.92	211.34	20.62	126.62	43.90	131.25	1.49	99.96	4.89	108.12	Yes
3/31/2025	0.96	83.44	73.48	218.21	39.22	198.79	55.00	211.30	23.32	128.51	43.56	130.76	5.14	102.90	6.79	112.46	Yes

Notes:
The difference in water elevations across entire well triplets (i.e., from pumping well to POC well) remained above 1 foot; therefore, compliance is demonstrated for the reporting period.
All measurements in feet
NA or NM = Not measured or otherwise not available
WL Diff. = Water level difference
POC = point of compliance
No data were available for the following dates/wells:
O-04 reconditioning 3/4/2025 - 3/16/2025
O-05 reconditioning 3/15/2025
O-06 reconditioning 3/11/2025
O-07 reconditioning 3/13/2025 - 3/15/2025

ATTACHMENT 3

Monthly Potentiometric Surface Maps

GIS FILE PATH: \\haleyaldrichshare.phx.common\Projects\Florence Copper\GIS\133887_000 QUARTERLY MONITORING 2025.aprx - USER: lthensen - LAST SAVED: 2/11/2025 9:46 AM



LEGEND

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

NOTES

1. APP PERMIT NO. 101704, LTF 88973
2. UIC PERMIT NO: R9UIC-AZ3-FY19-1
3. WATER LEVEL DATA WAS COLLECTED ON 27 JANUARY 2025.
4. WELLS WITH IDs AND GROUNDWATER ELEVATION WERE USED IN CONTOURING.
5. AERIAL IMAGERY SOURCE: NEARMAP, 28 MAY 2024

HALEY
ALDRICH

FLORENCE COPPER, LLC
FLORENCE, ARIZONA

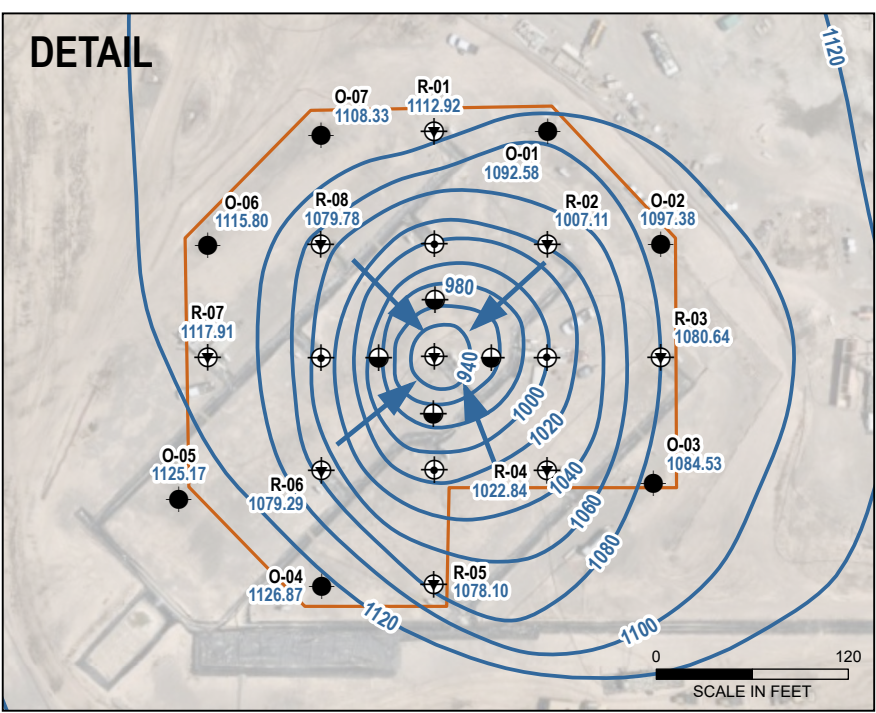
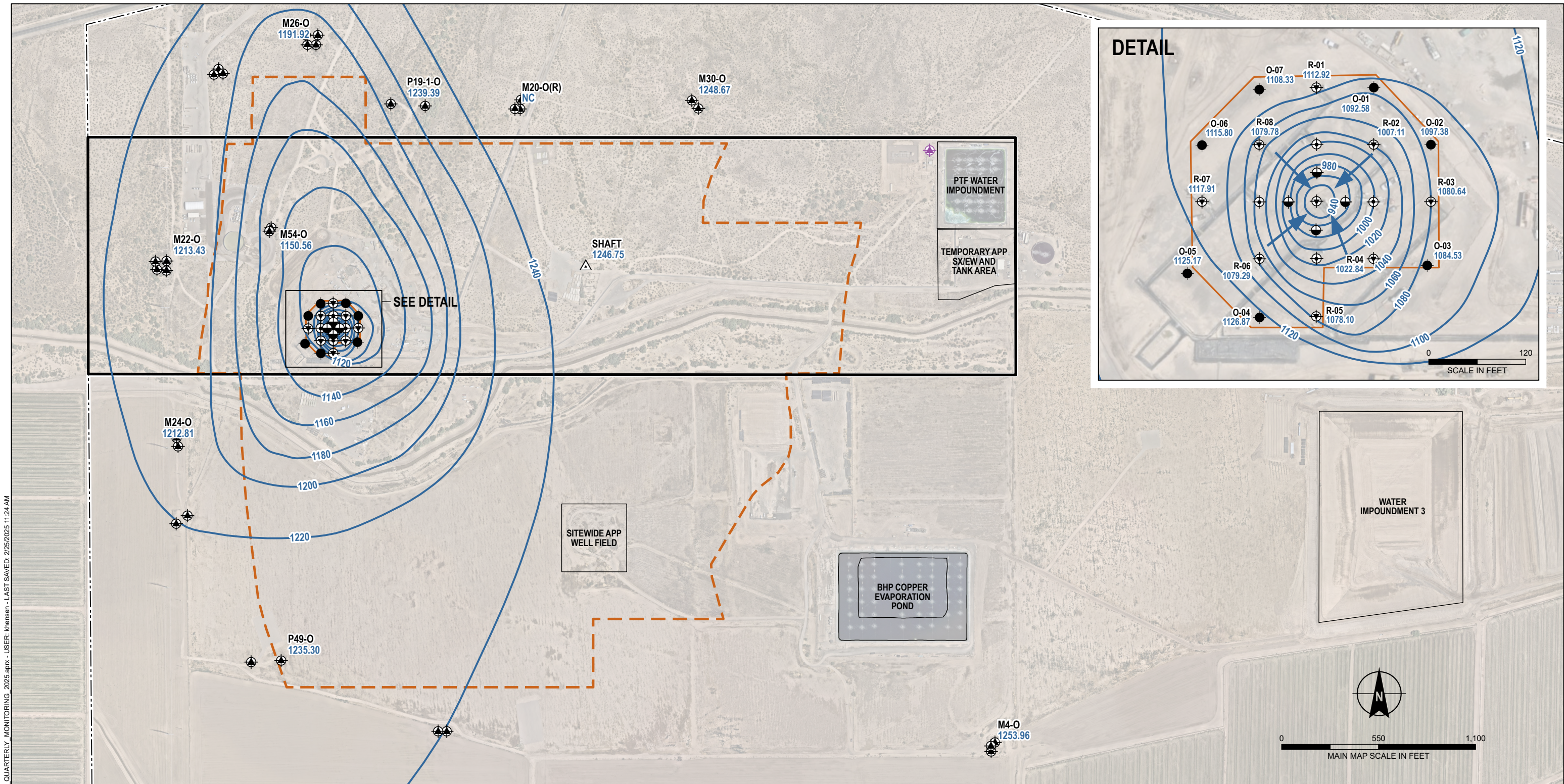
QUARTERLY CONTOUR MAP
JANUARY 2025

Florence
Copper

APRIL 2025

FIGURE 1

GIS FILE PATH: G:\Projects\Florence Copper\GIS\133887_000 QUARTERLY MONITORING_2025.aprx - USER: thensen - LAST SAVED: 2/25/2025 11:24 AM



LEGEND

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

NOTES

1. APP PERMIT NO. 101704, LTF 88973
2. UIC PERMIT NO: R9UIC-AZ3-FY19-1
3. WATER LEVEL DATA WAS COLLECTED ON 3 FEBRUARY 2025.
4. WELLS WITH IDs AND GROUNDWATER ELEVATION WERE USED IN CONTOURING.
5. NC = WATER LEVEL CONSIDERED ANOMALOUS AND NOT INCLUDED IN CONTOURING
6. AERIAL IMAGERY SOURCE: NEARMAP, 28 MAY 2024

HALEY
ALDRICH

FLORENCE COPPER, LLC
FLORENCE, ARIZONA

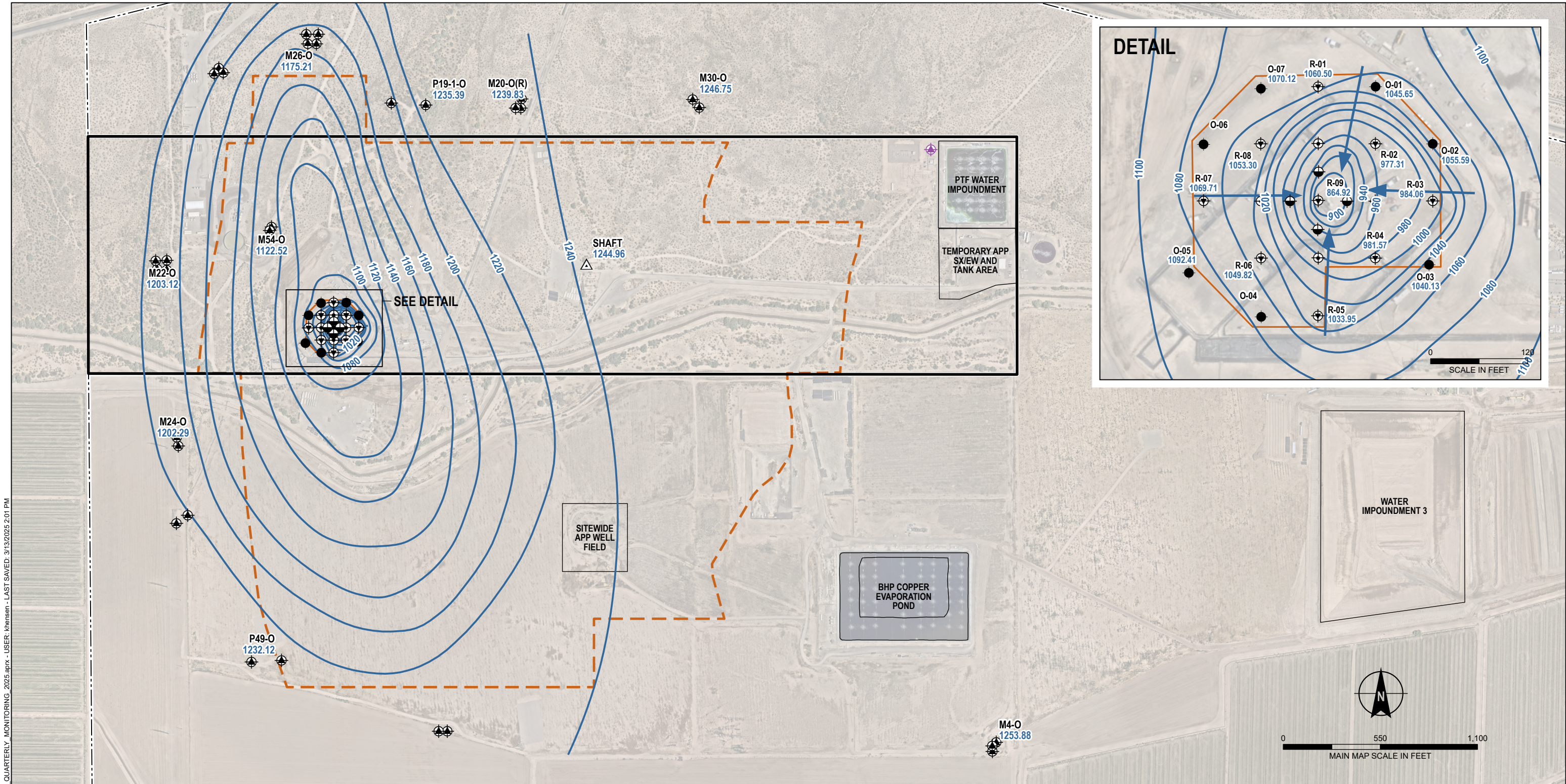
QUARTERLY CONTOUR MAP
FEBRUARY 2025

Florence
Copper

APRIL 2025

FIGURE 2

GIS FILE PATH: G:\Projects\Florence Copper\GIS\133887_000 QUARTERLY MONITORING_2025.aprx - USER: thensen - LAST SAVED: 3/13/2025 2:01 PM



LEGEND

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

NOTES

1. APP PERMIT NO. 101704, LTF 88973
2. UIC PERMIT NO: R9UIC-AZ3-FY19-1
3. WATER LEVEL DATA WAS COLLECTED ON 10 MARCH 2025.
4. WELLS WITH IDs AND GROUNDWATER ELEVATION WERE USED IN CONTOURING.
5. WELLS O-04 AND O-06 WERE DOWN FOR RECONDITIONING.
6. AERIAL IMAGERY SOURCE: NEARMAP, 28 MAY 2024

HALEY
ALDRICH

FLORENCE COPPER, LLC
FLORENCE, ARIZONA

QUARTERLY CONTOUR MAP
MARCH 2025

Florence
Copper

APRIL 2025

FIGURE 3

ATTACHMENT 4

Well Bore Annular Conductivity Device Readings



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

GENERAL

HGI Project Name: 2018-030 - FCP Bulk & Annular Conductivity Monitoring	Project Site: Florence Copper Project	Weather Conditions: 52 Sunny
Date: 11/13/25	Field Operator Name: D. Rucker	Start and End Time: 12:10

EQUIPMENT

AGI MiniSting (MS) Serial #: S0608049
HGI Cray Interface Panel SN# CR-ES-002

DIAGNOSTICS

6Ω Resistor Standard
Result: ~~6.38~~ 6.38
Pass Criteria: $6.25\Omega \pm 0.30$
Circle One: **Pass or Fail**

MEASUREMENT SETTINGS

- No. Cycles: 4
- Max Error: 10%
- Max Current: 50mA
- Measure Time: 2.6
- Measure mode: RESISTANCE

DATA COLLECTION:

WELL ID	Time (24h)	Current (1mA)	1			2			3			Data Acceptance Pass - P, Fail - F
			Reading	Resistance ($\Delta V = \Omega$)	Error ($\sigma = \%$)	Reading	Resistance ($\Delta V = \Omega$)	Error ($\sigma = \%$)	Reading	Resistance ($\Delta V = \Omega$)	Error ($\sigma = \%$)	
1 WB-04	12:20	20	1	57.62	0.4	2	56.47	1.3	3	56.18	1.6	P/F
2 WB-03	12:25	20	4	78.34	1.9	5	75.82	0.6	6	74.22	0.8	P/F
3 WB-02	12:27	20	7	79.84	1.5	8	79.81	1.9	9	79.69	2.0	P/F
4 WB-01	12:29	20	10	54.00	1.2	11	53.09	2.1	12	52.99	2.1	P/F
5 B-01	12:32	20	13	74.22	1.6	14	71.09	0.4	15	71.17	2.3	P/F
6 B-02	12:37	20	16	70.19	0.9	17	69.41	1.6	18	69.23	1.7	P/F
7 B-03	12:40	20	19	61.36	1.3	20	58.99	0.8	21	57.99	1.1	P/F
8 B-05	12:42	20	22	96.02	1.5	23	94.10	0.2	24	92.65	0.4	P/F
9 B-04	12:45	20	25	59.70	1.7	26	58.65	0.8	27	57.93	0.9	P/F
10 B-05	12:50	20	28	63.63	0.8	29	61.88	1.7	30	61.39	1.9	P/F
11 B-02	12:53	20	31	52.72	1.1	32	52.41	2.1	33	52.66	2.2	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

Measurement Error Evaluation
Pass Criteria: 64% (2/3) of measurement error values less than 5%

FIELD OBSERVATIONS

Active Drilling: *[Signature]*

SIGNATURES

[Signature] 11/13/25
Field Operator Signature/Date

[Signature] 11/13/25
Data Inspector Signature/Date

ATTACHMENT 5

Summary of Pressure Transducer and Fracture Gradient Readings

Q1 2025 DAILY WELLHEAD PRESSURES - INJECTION WELLS

FLORENCE COPPER LLC

FLORENCE, ARIZONA

Table 1. January 2025 Wellhead Pressures

Date	I-01			I-02			I-03			I-04			R-09			Fracture Gradient
	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	
1/1/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/2/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/3/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/4/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/5/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/6/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/7/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/8/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/9/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/10/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/11/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/12/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/13/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/14/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/15/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/16/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/17/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/18/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/19/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/20/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/21/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/22/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/23/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/24/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/25/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/26/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/27/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/28/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/29/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/30/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/31/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89

Notes:

All measurements in pounds per square inch (psi)

No data were available for the following dates/wells:

Florence Copper ceased injection operation in the well field on 9/19/2024 as part of the rinsing plan.

Calculation of Pressure Allowed at the Wellhead from the Allowed Fracture Gradient

$P\text{-Wellhead} = P\text{-TOS} - P\text{-Col} = [P\text{-Frac} \times D\text{-TOS}] - [D\text{-TOS} / \text{Conv}]$ Where:

$P\text{-Fracture}$ = Pressure allowed at the top of the injection well screen (TOS) = 0.65 psi/foot of depth

$D\text{-TOS}$ = Depth to top of injection well screens = 520 feet

$P\text{-TOS}$ = Total pressure allowed at top of screen = $P\text{-Fracture} \times D\text{-TOS}$ = 0.65 psi/foot x 520 feet = 338 psi

Conv = Feet of Water per psi = 2.31 feet/psi

$P\text{-Col}$ = Pressure from weight of water column at TOS = 520 feet / 2.31 feet/psi = 225.11 psi

$P\text{-Wellhead}$ = Allowable pressure at the top of the wellhead = $P\text{-TOS} - P\text{-Col}$ = 338 psi - 225.11 psi = 112.89 psi

Q1 2025 DAILY WELLHEAD PRESSURES - INJECTION WELLS

FLORENCE COPPER LLC
FLORENCE, ARIZONA

Table 2. February 2025 Wellhead Pressures

Date	I-01			I-02			I-03			I-04			R-09			Fracture Gradient
	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	
2/1/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/2/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/3/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/4/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/5/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/6/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/7/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/8/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/9/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/10/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/11/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/12/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/13/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/14/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/15/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/16/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/17/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/18/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/19/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/20/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/21/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/22/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/23/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/24/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/25/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/26/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/27/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/28/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89

Notes:

All measurements in pounds per square inch (psi)

No data were available for the following dates/wells:

Florence Copper ceased injection operation in the well field on 9/19/2024 as part of the rinsing plan.

Calculation of Pressure Allowed at the Wellhead from the Allowed Fracture Gradient

$P\text{-Wellhead} = P\text{-TOS} - P\text{-Col} = [P\text{-Frac} \times D\text{-TOS}] - [D\text{-TOS} / \text{Conv}]$ Where:

$P\text{-Fracture}$	= Pressure allowed at the top of the injection well screen (TOS)	=	0.65	psi/foot of depth
$D\text{-TOS}$	= Depth to top of injection well screens	=	520	feet
$P\text{-TOS}$	= Total pressure allowed at top of screen = $P\text{-Fracture} \times D\text{-TOS}$	=	$0.65 \text{ psi/foot} \times 520 \text{ feet}$	338 psi
Conv	= Feet of Water per psi	=	2.31	feet/psi
$P\text{-Col}$	= Pressure from weight of water column at TOS	=	$520 \text{ feet} / 2.31 \text{ feet/psi}$	225.11 psi
$P\text{-Wellhead}$	= Allowable pressure at the top of the wellhead = $P\text{-TOS} - P\text{-Col}$	=	$338 \text{ psi} - 225.1 \text{ psi}$	112.89 psi

Q1 2025 DAILY WELLHEAD PRESSURES - INJECTION WELLS

FLORENCE COPPER LLC

FLORENCE, ARIZONA

Table 3. March 2025 Wellhead Pressures

Date	I-01			I-02			I-03			I-04			R-09			Fracture Gradient
	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	
3/1/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/2/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/3/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/4/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/5/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/6/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/7/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/8/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/9/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/10/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/11/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/12/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/13/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/14/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/15/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/16/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/17/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/18/2025	NM	NM	NM	0.01	0.00	0.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/19/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/20/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/21/2025	NM	NM	NM	0.01	0.00	0.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/22/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/23/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/24/2025	NM	NM	NM	10.53	0.00	17.96	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/25/2025	NM	NM	NM	22.18	16.84	25.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/26/2025	NM	NM	NM	23.31	14.86	26.69	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/27/2025	0.00	0.00	0.05	2.51	0.00	27.84	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/28/2025	0.00	0.00	0.00	0.02	0.00	0.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/29/2025	0.00	0.00	0.00	0.50	0.00	2.26	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/30/2025	0.00	0.00	0.00	0.86	0.00	2.36	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/31/2025	0.00	0.00	0.00	0.07	0.00	6.87	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89

Notes:

All measurements in pounds per square inch (psi)

No data were available for the following dates/wells:

Florence Copper reinitiated injection operation in I-02 on 3/18/2025 as part of the rinsing plan. Injection began in I-01 on 3/27.

Calculation of Pressure Allowed at the Wellhead from the Allowed Fracture Gradient

$P_{\text{Wellhead}} = P_{\text{TOS}} - P_{\text{Col}} = [P_{\text{Frac}} \times D_{\text{TOS}}] - [D_{\text{TOS}} / \text{Conv}]$ Where:

P_{Fracture} = Pressure allowed at the top of the injection well screen (TOS) = 0.65 psi/foot of depth

D_{TOS} = Depth to top of injection well screens = 520 feet

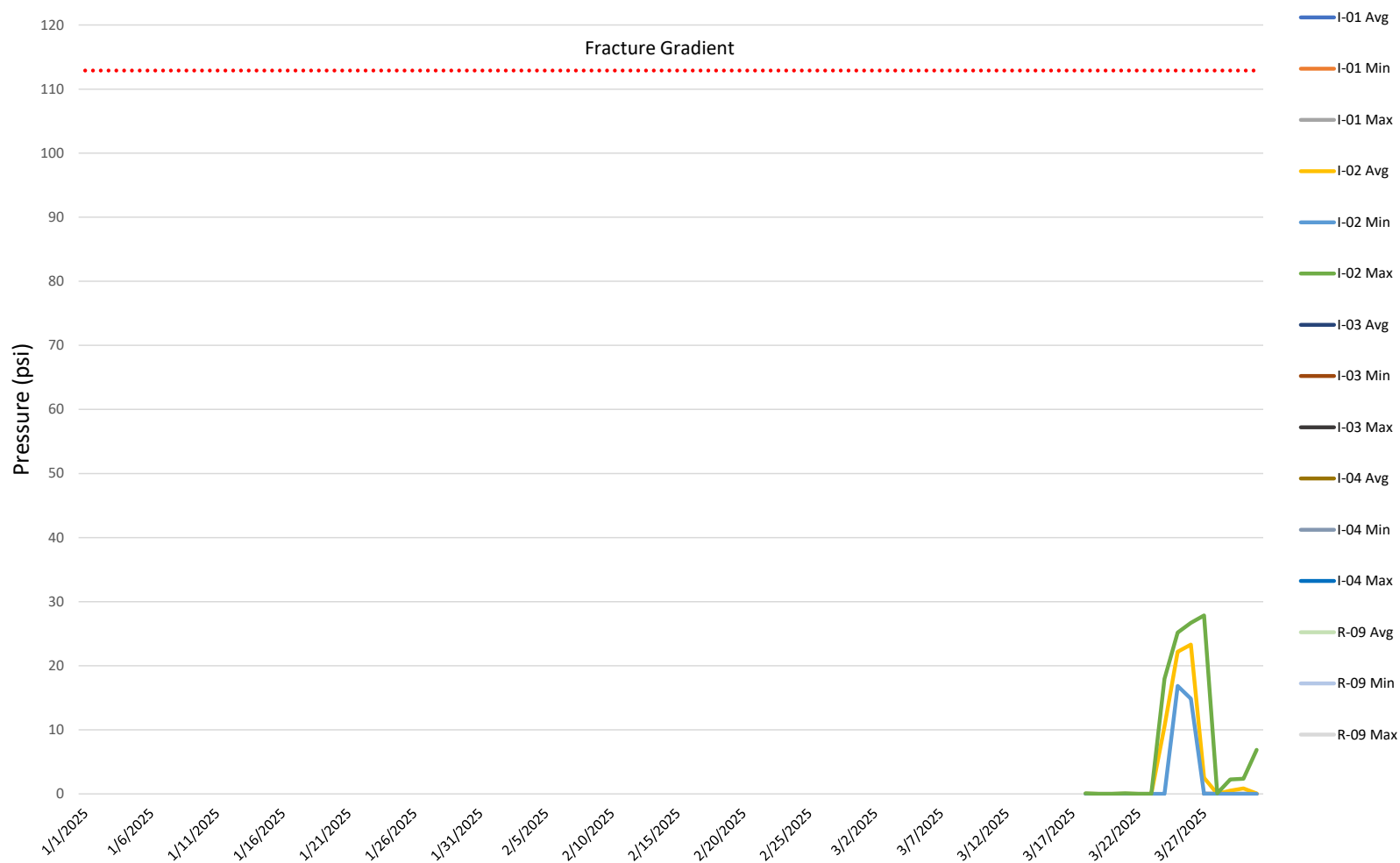
P_{TOS} = Total pressure allowed at top of screen = $P_{\text{Fracture}} \times D_{\text{TOS}}$ = 0.65 psi/foot x 520 feet = 338 psi

Conv = Feet of Water per psi = 2.31 feet/psi

P_{Col} = Pressure from weight of water column at TOS = 520 feet / 2.31 feet/psi = 225.11 psi

P_{Wellhead} = Allowable pressure at the top of the wellhead = $P_{\text{TOS}} - P_{\text{Col}}$ = 338 psi - 255.1 psi = 112.89 psi

Figure 1. Daily Wellhead Pressures - Injection Wells



Note: Florence Copper reinitiated injection operation in the wellfield on 3/18/2025 as part of the rinsing plan.

Q1 2025 DAILY CASING ANNULUS PRESSURES - INJECTION WELLS

FLORENCE COPPER LLC

FLORENCE, ARIZONA

Table 4. January 2025 Casing Annulus Pressure

Date	I-01			I-02			I-03			I-04			R-09			Fracture Gradient
	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	
1/1/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/2/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/3/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/4/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/5/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/6/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/7/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/8/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/9/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/10/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/11/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/12/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/13/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/14/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/15/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/16/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/17/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/18/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/19/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/20/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/21/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/22/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/23/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/24/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/25/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/26/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/27/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/28/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/29/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/30/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
1/31/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89

Notes:

All measurements in pounds per square inch (psi)

No data were available for the following dates/wells:

Florence Copper ceased injection operation in the wellfield on 9/19/2024 as part of the rinsing plan.

Q1 2025 DAILY CASING ANNULUS PRESSURES - INJECTION WELLS

FLORENCE COPPER LLC

FLORENCE, ARIZONA

Table 5. February 2025 Casing Annulus Pressure

Date	I-01			I-02			I-03			I-04			R-09			Fracture Gradient
	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	
2/1/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/2/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/3/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/4/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/5/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/6/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/7/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/8/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/9/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/10/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/11/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/12/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/13/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/14/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/15/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/16/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/17/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/18/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/19/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/20/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/21/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/22/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/23/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/24/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/25/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/26/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/27/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
2/28/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89

Notes:

All measurements in pounds per square inch (psi)

No data were available for the following dates/wells:

Florence Copper ceased injection operation in the wellfield on 9/19/2024 as part of the rinsing plan.

Q1 2025 DAILY CASING ANNULUS PRESSURES - INJECTION WELLS

FLORENCE COPPER LLC

FLORENCE, ARIZONA

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Table 6. March 2025 Casing Annulus Pressure

Date	I-01			I-02			I-03			I-04			R-09			Fracture Gradient
	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	
3/1/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/2/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/3/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/4/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/5/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/6/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/7/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/8/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/9/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/10/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/11/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/12/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/13/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/14/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/15/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/16/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/17/2025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/18/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/19/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/20/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/21/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/22/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/23/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/24/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/25/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/26/2025	NM	NM	NM	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/27/2025	0.00	0.00	0.00	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/28/2025	0.00	0.00	0.00	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/29/2025	0.00	0.00	0.00	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/30/2025	0.00	0.00	0.00	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89
3/31/2025	0.00	0.00	0.00	0.00	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	112.89

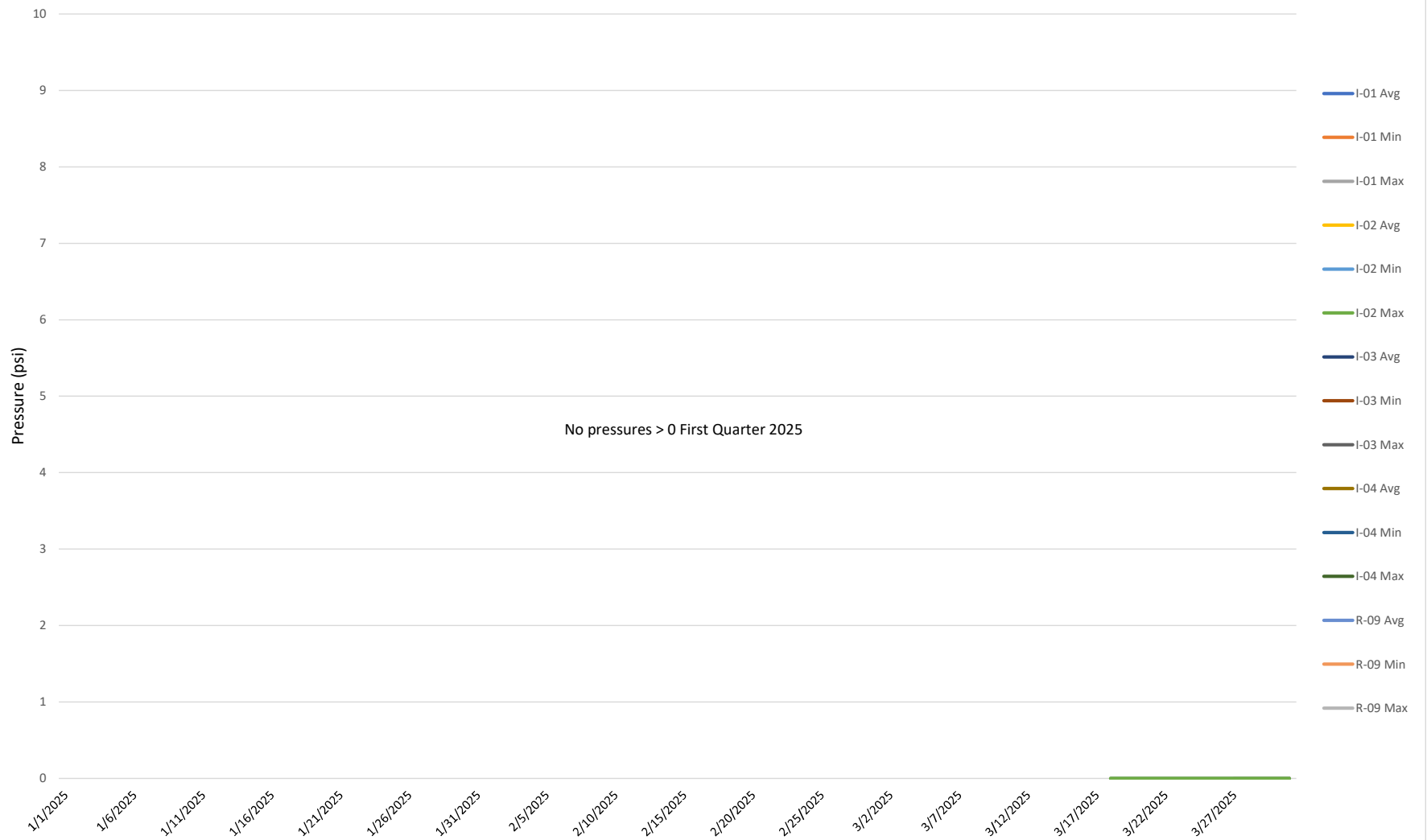
Notes:

All measurements in pounds per square inch (psi)

No data were available for the following dates/wells:

Florence Copper reinitiated injection operation in I-02 on 3/18/2025 as part of the rinsing plan. Injection began in I-01 on 3/27.

Figure 2. Daily Casing Annulus Pressures - Injection Wells



ATTACHMENT 6

Graphical Representation of Fluid Electrical Conductivity Readings from Injection and Observations Wells

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INJECTION AND OBSERVATION WELLS
 FLORENCE COPPER LLC
 FLORENCE, ARIZONA

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Table 1. January 2025 Daily Fluid Electrical Conductivity - Injection and Observation Wells

Date	I-01	I-02	I-03	I-04	R-09	O-01	O-02	O-03	O-04	O-05	O-06	O-07
1/1/2025	NA	NA	NA	NA	NA	2292	NA	NA	1472	1450	2752	1526
1/2/2025	NA	NA	NA	NA	NA	2281	NA	NA	1473	1450	2715	1526
1/3/2025	NA	NA	NA	NA	NA	2275	NA	NA	1474	1450	2713	1527
1/4/2025	NA	NA	NA	NA	NA	2252	NA	NA	1475	1450	2714	1527
1/5/2025	NA	NA	NA	NA	NA	5150	NA	NA	1475	1451	1573	1527
1/6/2025	NA	NA	NA	NA	NA	4998	1610	2301	1476	1451	2651	1527
1/7/2025	NA	NA	NA	NA	NA	2541	NA	NA	1475	1452	2586	1528
1/8/2025	NA	NA	NA	NA	NA	2314	NA	NA	1475	1452	2573	1528
1/9/2025	NA	NA	NA	NA	NA	2300	NA	NA	1476	1453	2589	1528
1/10/2025	NA	NA	NA	NA	NA	2303	NA	NA	1476	1453	1579	1529
1/11/2025	NA	NA	NA	NA	NA	2291	NA	NA	1476	1453	2537	1529
1/12/2025	NA	NA	NA	NA	NA	2281	NA	NA	1477	1453	2084	1529
1/13/2025	NA	NA	NA	NA	NA	2273	1545	2038	1478	1454	2381	1529
1/14/2025	NA	NA	NA	NA	NA	2260	NA	NA	1481	1453	2628	1529
1/15/2025	NA	NA	NA	NA	NA	2266	1671	2037	1482	1453	2684	1529
1/16/2025	NA	NA	NA	NA	NA	2269	NA	NA	1483	1452	2622	1530
1/17/2025	NA	NA	NA	NA	NA	2265	NA	NA	1484	1453	2614	1530
1/18/2025	NA	NA	NA	NA	NA	2259	NA	NA	1485	1453	2551	1530
1/19/2025	NA	NA	NA	NA	NA	2256	NA	NA	1486	1453	2614	1531
1/20/2025	NA	NA	NA	NA	NA	2248	NA	NA	1487	1453	2509	1530
1/21/2025	NA	NA	NA	NA	NA	2032	NA	NA	1488	1453	2630	1531
1/22/2025	NA	NA	NA	NA	NA	1998	1573	1958	1489	1453	2654	1531
1/23/2025	NA	NA	NA	NA	NA	1830	NA	NA	1489	1453	2610	1532
1/24/2025	NA	NA	NA	NA	NA	1818	NA	NA	1490	1454	2658	1532
1/25/2025	NA	NA	NA	NA	NA	1803	NA	NA	1490	1454	2618	1531
1/26/2025	NA	NA	NA	NA	NA	1784	NA	NA	1490	1454	2616	1532
1/27/2025	NA	NA	NA	NA	NA	1770	NA	NA	1491	1454	2537	1532
1/28/2025	NA	NA	NA	NA	NA	1661	NA	NA	1494	1455	1523	1533
1/29/2025	NA	NA	NA	NA	NA	1680	NA	NA	1494	1455	2775	1533
1/30/2025	NA	NA	NA	NA	NA	1660	NA	NA	1495	1455	2671	1534
1/31/2025	NA	NA	NA	NA	NA	1653	NA	NA	1496	1455	2761	1533

Notes:

All measurements in microsiemens per centimeter ($\mu\text{S}/\text{cm}$)

NA or NM = Not measured or otherwise not available

No data were available for the following dates/wells:

Florence Copper ceased injection operation in the well field on 9/19/2024 as part of the rinsing plan.

O-02 had no data available 1/1/2025-1/5/2025, 1/7/2025-1/12/2025, 1/14/2025, 1/16/2025-1/21/2025, 1/23/2025-1/31/2025.

O-03 had no data available 1/1/2025-1/5/2025, 1/7/2025-1/12/2025, 1/14/2025, 1/16/2025-1/21/2025, 1/23/2025-1/31/2025.

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 FLORENCE, ARIZONA

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Table 2. February 2025 Daily Fluid Electrical Conductivity - Injection and Observation Wells

Date	I-01	I-02	I-03	I-04	R-09	O-01	O-02	O-03	O-04	O-05	O-06	O-07
2/1/2025	NA	NA	NA	NA	NA	1646	NA	NA	1496	1455	2638	1534
2/2/2025	NA	NA	NA	NA	NA	1627	NA	NA	1496	1456	2417	1534
2/3/2025	NA	NA	NA	NA	NA	1617	1324	1626	1497	1456	2364	1534
2/4/2025	NA	NA	NA	NA	NA	1587	NA	NA	1498	1456	2410	1534
2/5/2025	NA	NA	NA	NA	NA	1588	1389	1723	1497	1456	2444	1534
2/6/2025	NA	NA	NA	NA	NA	1599	NA	NA	1498	1456	2353	1534
2/7/2025	NA	NA	NA	NA	NA	1587	NA	NA	1499	1456	2355	1535
2/8/2025	NA	NA	NA	NA	NA	1571	NA	NA	1499	1456	2391	1535
2/9/2025	NA	NA	NA	NA	NA	1569	NA	NA	1498	1456	2428	1535
2/10/2025	NA	NA	NA	NA	NA	1564	1323	1581	1498	1456	2357	1535
2/11/2025	NA	NA	NA	NA	NA	1565	NA	NA	1473	1456	2256	1535
2/12/2025	NA	NA	NA	NA	NA	1548	1368	1504	1471	1456	2272	1534
2/13/2025	NA	NA	NA	NA	NA	1556	NA	NA	1471	1457	2297	1535
2/14/2025	NA	NA	NA	NA	NA	1556	NA	NA	1469	1456	2150	1534
2/15/2025	NA	NA	NA	NA	NA	1540	NA	NA	1469	1457	2185	1535
2/16/2025	NA	NA	NA	NA	NA	1538	NA	NA	1470	1457	2226	1535
2/17/2025	NA	NA	NA	NA	NA	1531	NA	NA	1470	1457	2229	1535
2/18/2025	NA	NA	NA	NA	NA	1523	NA	NA	1469	1458	2199	1535
2/19/2025	NA	NA	NA	NA	NA	1540	NA	NA	1678	1457	2131	1535
2/20/2025	NA	NA	NA	NA	NA	1549	NA	NA	1467	1459	2061	NA
2/21/2025	NA	NA	NA	NA	NA	1527	NA	NA	1468	1458	2102	NA
2/22/2025	NA	NA	NA	NA	NA	1541	NA	NA	1469	1459	2181	NA
2/23/2025	NA	NA	NA	NA	NA	1519	NA	NA	1470	1458	2205	NA
2/24/2025	NA	NA	NA	NA	NA	1513	1320	1500	1470	1458	2205	NA
2/25/2025	NA	NA	NA	NA	NA	1549	NA	NA	1476	1458	2188	NA
2/26/2025	NA	NA	NA	NA	NA	1499	NA	NA	NA	1459	2155	NA
2/27/2025	NA	NA	NA	NA	NA	1509	NA	NA	NA	1459	2136	NA
2/28/2025	NA	NA	NA	NA	NA	1520	NA	NA	NA	1460	NA	NA

Notes:

All measurements in microsiemens per centimeter (uS/cm)

NA or NM = Not measured or otherwise not available

No data were available for the following data/wells:

Florence Copper ceased injection operation in the well field on 9/19/2024 as part of the rinsing plan.

O-02 had no data available 2/1/2025-2/2/2025, 2/4/2025, 2/6/2025-2/9/2025, 2/11/2025, 2/13/2025-2/23/2025, 2/25/2025-2/28/2025.

O-03 had no data available 2/1/2025-2/2/2025, 2/4/2025, 2/6/2025-2/9/2025, 2/11/2025, 2/13/2025-2/23/2025, 2/25/2025-2/28/2025.

O-04 under maintenance 2/26/2025-2/28/2025.

O-06 under maintenance 2/28/2025.

O-07 under maintenance 2/20/2025-2/28/2025.

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INJECTION AND OBSERVATION WELLS
FLORENCE COPPER LLC
FLORENCE, ARIZONA

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Table 3. March 2025 Daily Fluid Electrical Conductivity - Injection and Observation Wells

Date	I-01	I-02	I-03	I-04	R-09	O-01	O-02	O-03	O-04	O-05	O-06	O-07
3/1/2025	NA	NA	NA	NA	NA	1509	NA	NA	NA	1460	NA	NA
3/2/2025	NA	NA	NA	NA	NA	1496	NA	NA	NA	1460	NA	NA
3/3/2025	NA	NA	NA	NA	NA	1494	1282	1455	NA	1461	NA	NA
3/4/2025	NA	NA	NA	NA	NA	1578	NA	NA	NA	NA	NA	NA
3/5/2025	NA	NA	NA	NA	NA	1621	1275	1334	NA	NA	NA	NA
3/6/2025	NA	NA	NA	NA	NA	1496	NA	NA	NA	NA	NA	NA
3/7/2025	NA	NA	NA	NA	NA	1509	NA	NA	NA	NA	NA	NA
3/8/2025	NA	NA	NA	NA	NA	1490	NA	NA	NA	NA	NA	NA
3/9/2025	NA	NA	NA	NA	NA	1486	NA	NA	NA	NA	NA	NA
3/10/2025	NA	NA	NA	NA	NA	1481	1356	NA	NA	NA	NA	NA
3/11/2025	NA	NA	NA	NA	NA	1464	NA	NA	NA	NA	NA	NA
3/12/2025	NA	NA	NA	NA	NA	1462	1404	NA	NA	NA	NA	NA
3/13/2025	NA	NA	NA	NA	NA	1450	NA	NA	NA	NA	NA	NA
3/14/2025	NA	NA	NA	NA	NA	1451	NA	NA	NA	NA	NA	NA
3/15/2025	NA	NA	NA	NA	NA	1449	NA	NA	NA	NA	NA	NA
3/16/2025	NA	NA	NA	NA	NA	1445	NA	NA	NA	NA	NA	NA
3/17/2025	NA	NA	NA	NA	NA	1441	NA	NA	NA	NA	NA	NA
3/18/2025	NA	NA	NA	NA	NA	1479	NA	NA	NA	NA	NA	NA
3/19/2025	NA	NA	NA	NA	NA	1474	1306	NA	NA	NA	NA	NA
3/20/2025	NA	NA	NA	NA	NA	1482	NA	NA	NA	NA	NA	NA
3/21/2025	NA	NA	NA	NA	NA	1481	NA	NA	NA	NA	NA	NA
3/22/2025	NA	NA	NA	NA	NA	1483	NA	NA	NA	NA	NA	NA
3/23/2025	NA	NA	NA	NA	NA	1485	NA	NA	NA	NA	NA	NA
3/24/2025	NA	NA	NA	NA	NA	1479	NA	NA	NA	NA	NA	NA
3/25/2025	NA	NA	NA	NA	NA	1480	NA	NA	NA	NA	NA	NA
3/26/2025	NA	1121	NA	NA	NA	1488	NA	NA	NA	NA	NA	NA
3/27/2025	NA	NA	NA	NA	NA	1486	NA	NA	NA	NA	NA	NA
3/28/2025	NA	NA	NA	NA	NA	1495	NA	NA	NA	NA	NA	NA
3/29/2025	NA	NA	NA	NA	NA	1498	NA	NA	NA	NA	NA	NA
3/30/2025	NA	NA	NA	NA	NA	1504	NA	NA	NA	NA	NA	NA
3/31/2025	1285	1118	NA	NA	NA	1501	1542	1358	NA	NA	NA	NA

Notes:

All measurements in microsiemens per centimeter ($\mu\text{S}/\text{cm}$)

NA or NM = Not measured or otherwise not available

No data were available for the following dates/wells:

Florence Copper reinitiated injection operation in the well field on 3/18/2025 as part of the rinsing plan.

O-02 no data available 3/1/2025-3/2/2025, 3/4/2025, 3/6/2025-3/9/2025, 3/11/2025, 3/13/2025-3/18/2025, 3/20/2025-3/27/2025

O-03 no data available 3/1/2025-3/2/2025, 3/4/2025.

O-03 under maintenance 3/6/2025-3/30/2025.

O-04 under maintenance 3/1/2025-3/31/2025.

O-05 under maintenance 3/4/2025-3/31/2025.

O-06 under maintenance 3/1/2025-3/31/2025.

O-07 under maintenance 3/1/2025-3/31/2025.

Figure 1. Daily Fluid Electrical Conductivity in Injection and Observation Wells

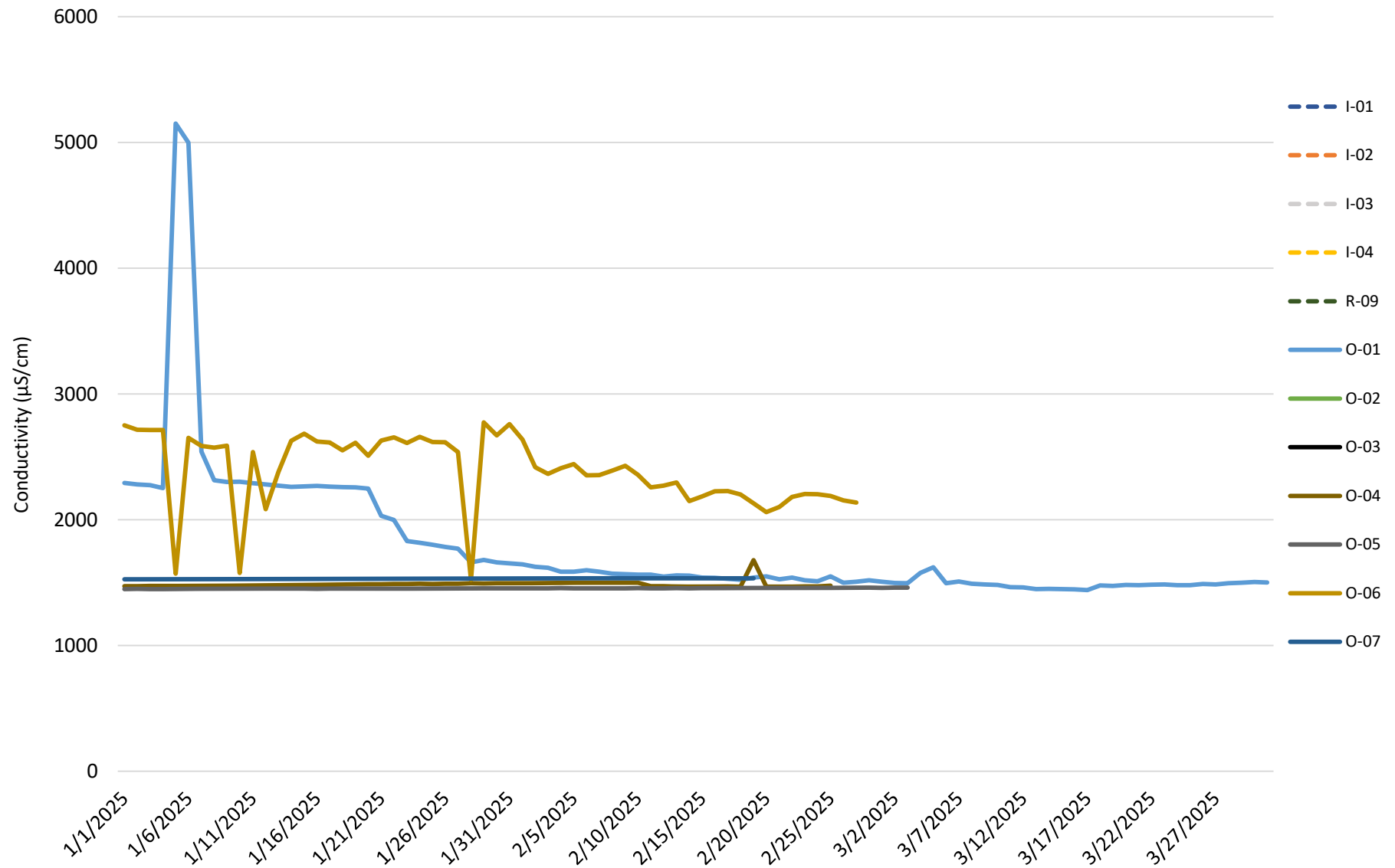
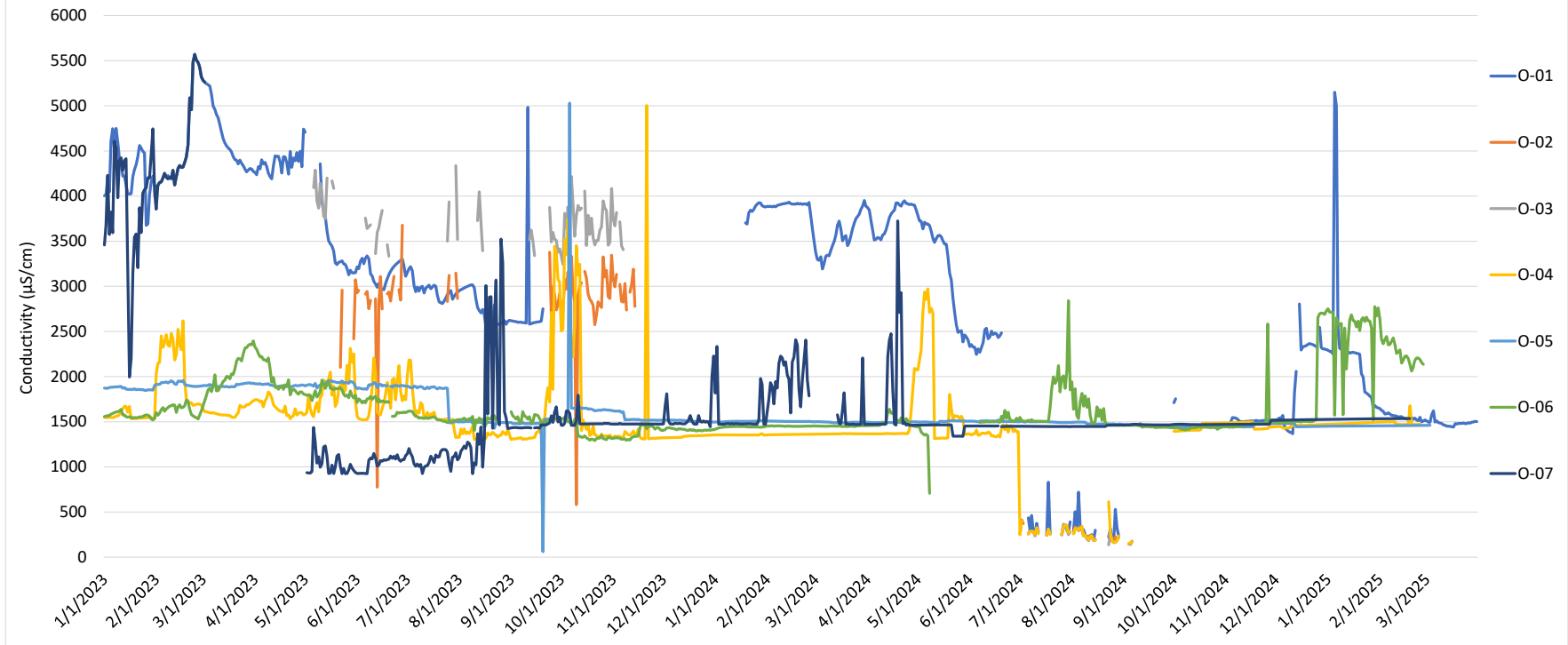


Figure 2. Daily Fluid Observation Wells Over 9 Calendar Quarters



ATTACHMENT 7

Time versus Concentration Plots of Select Groundwater Parameters

M14-GL Quarterly Analyte Graphs

Figure 1a. Temperature, Field

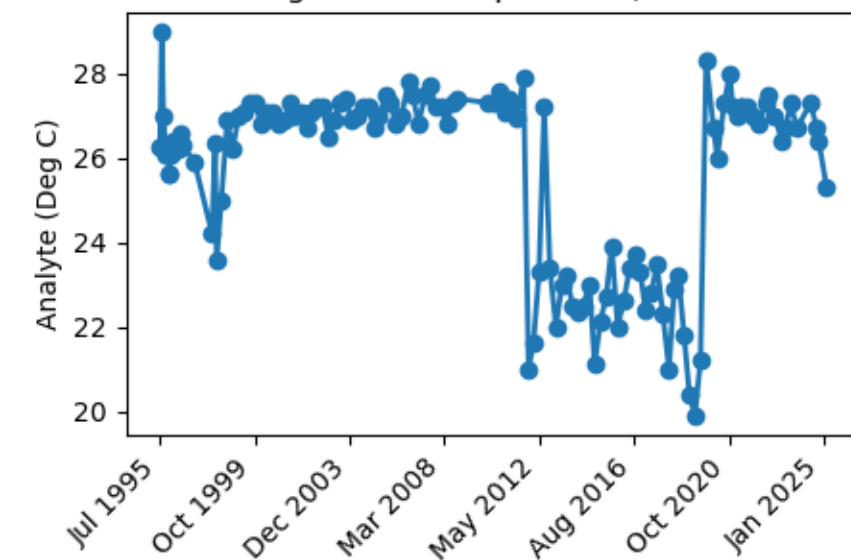


Figure 1b. pH, Field

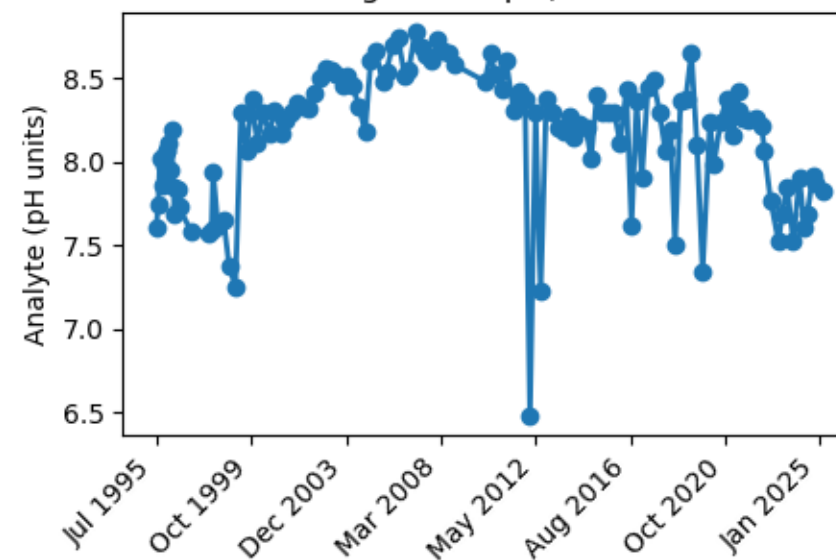


Figure 1c. Specific Conductance, Field

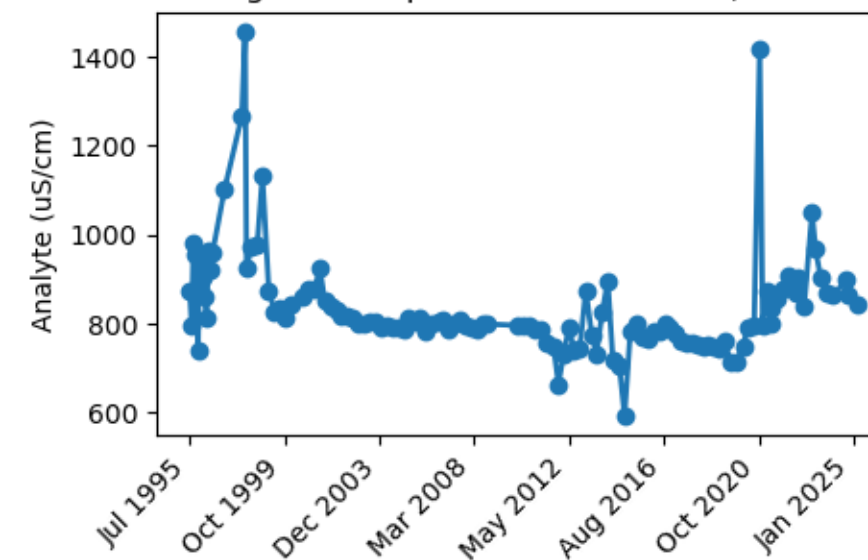


Figure 1d. Magnesium

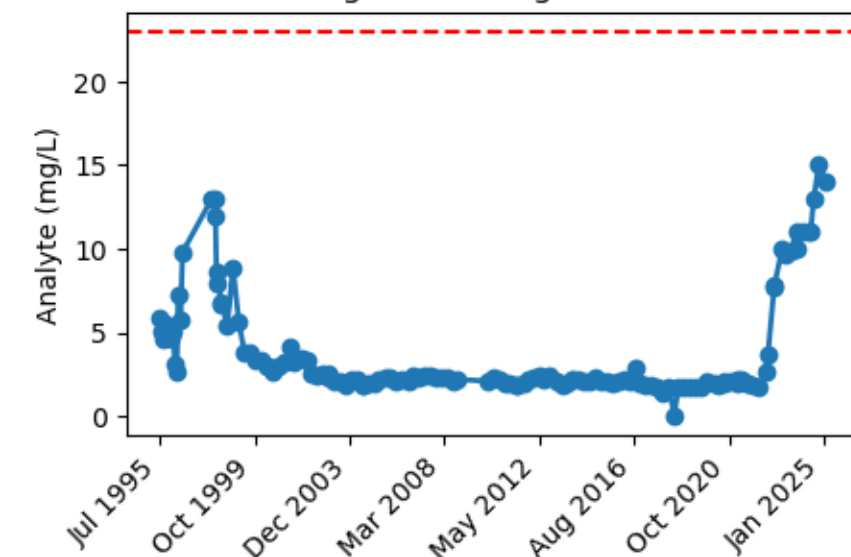


Figure 1e. Sulfate

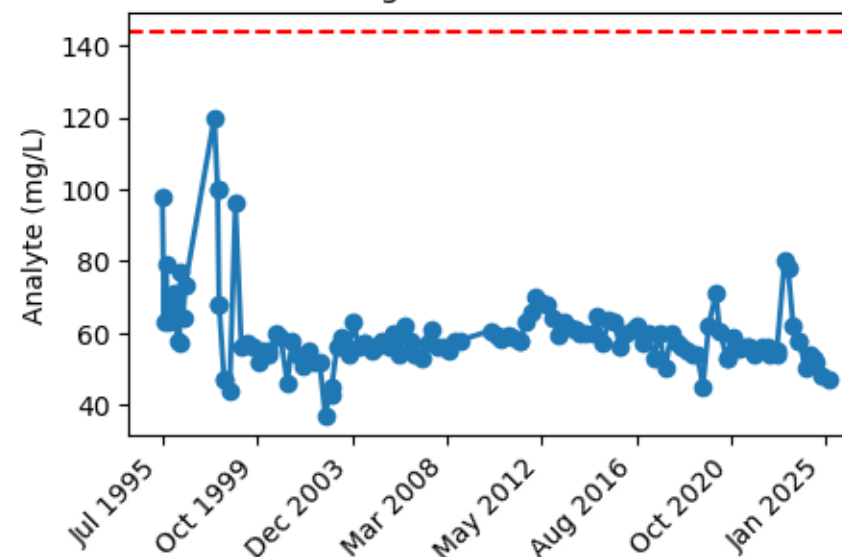


Figure 1f. Fluoride

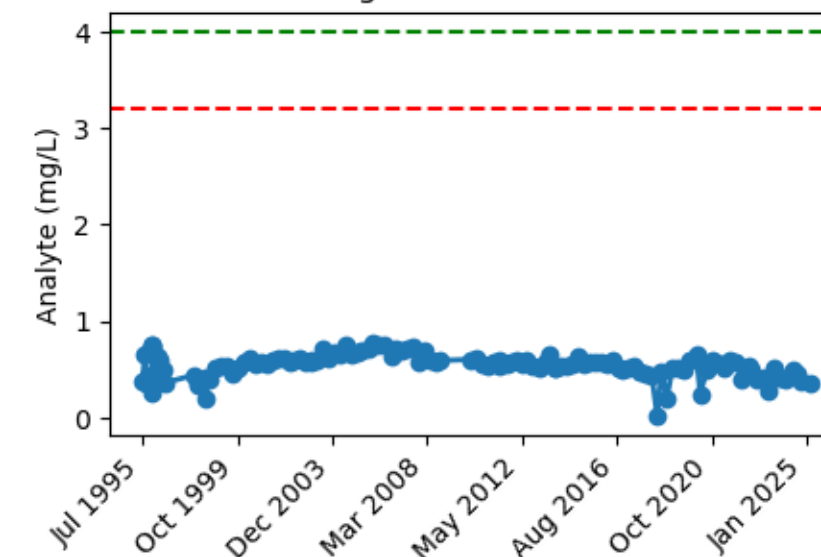
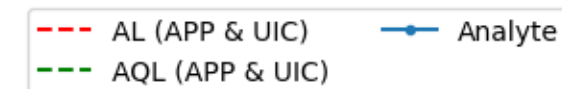
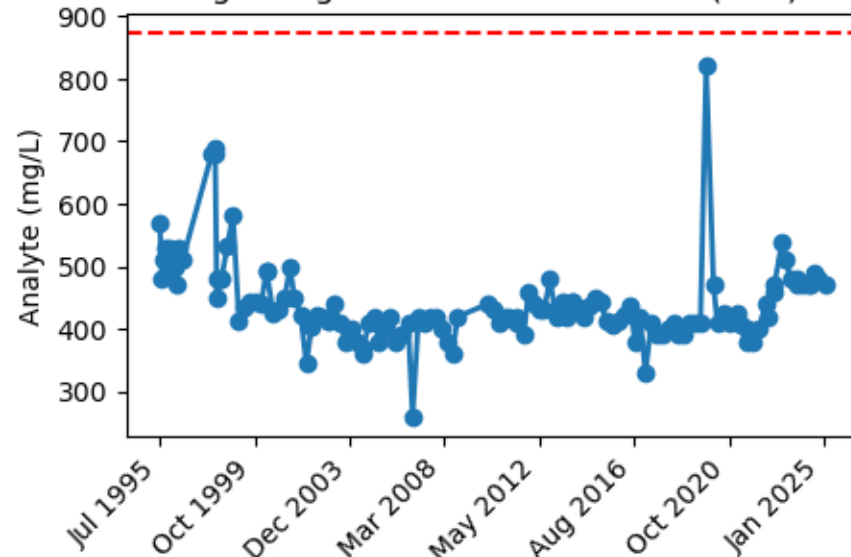


Figure 1g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

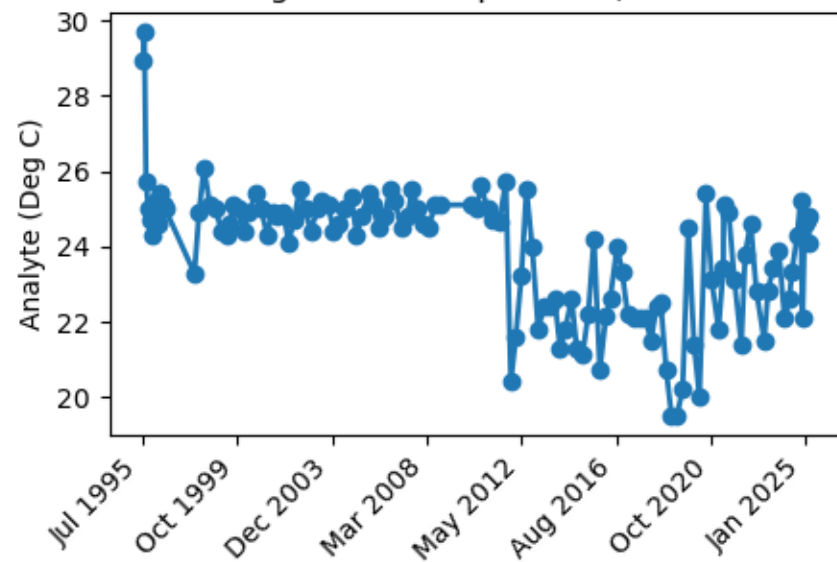


Figure 2b. pH, Field

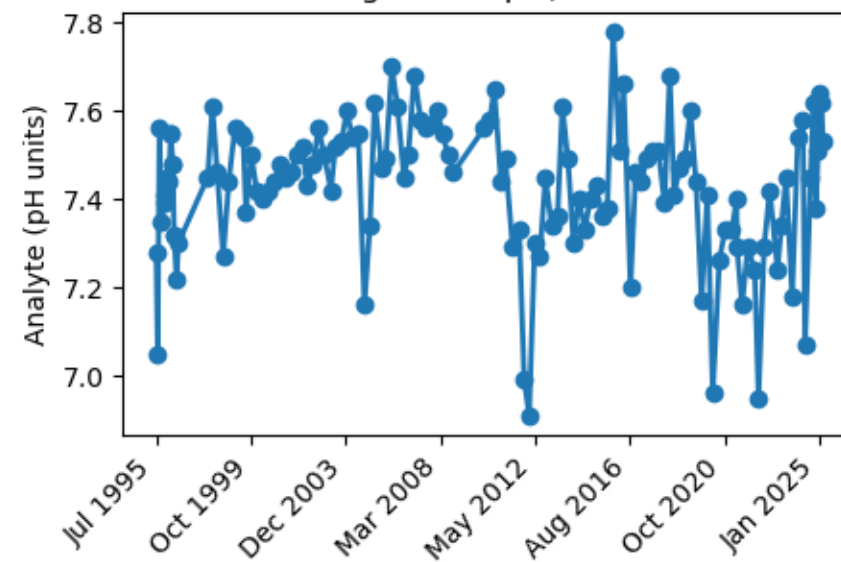


Figure 2c. Specific Conductance, Field

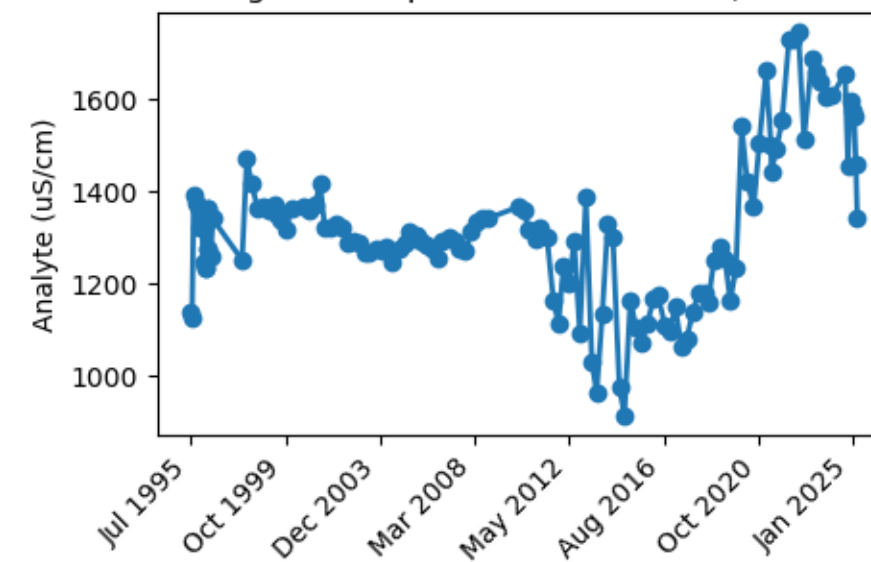


Figure 2d. Magnesium

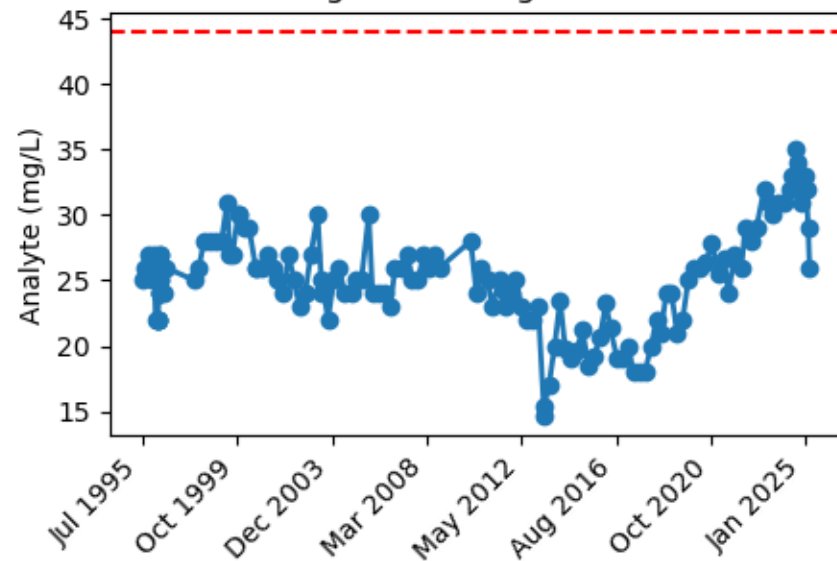


Figure 2e. Sulfate

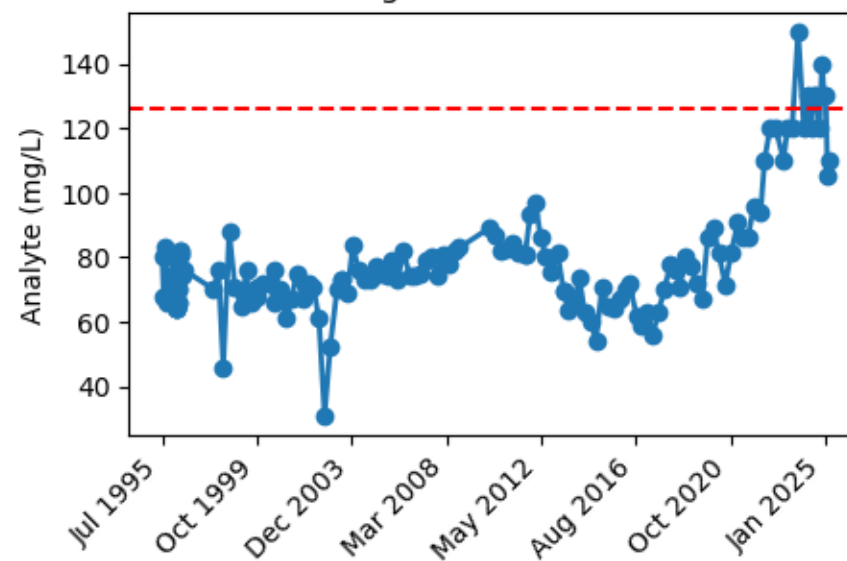


Figure 2f. Fluoride

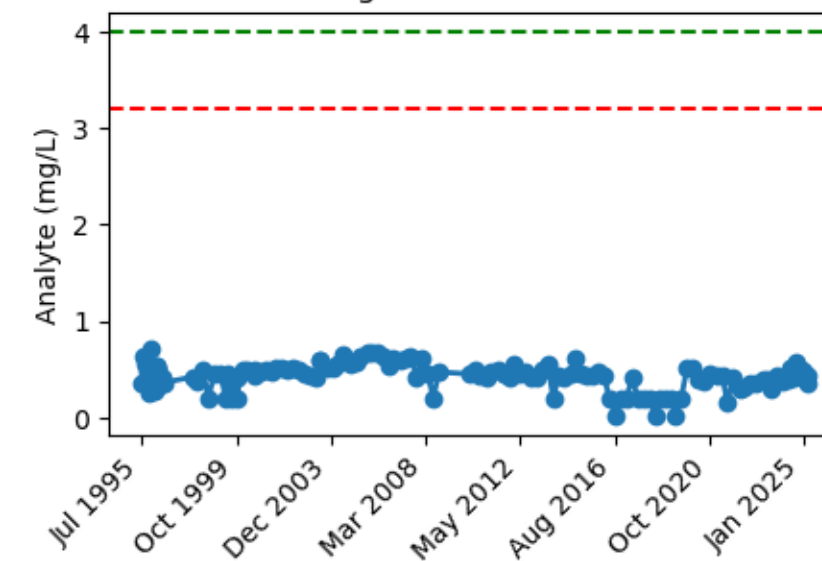
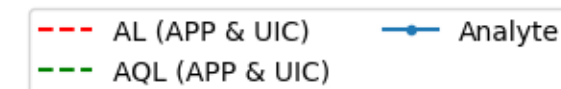
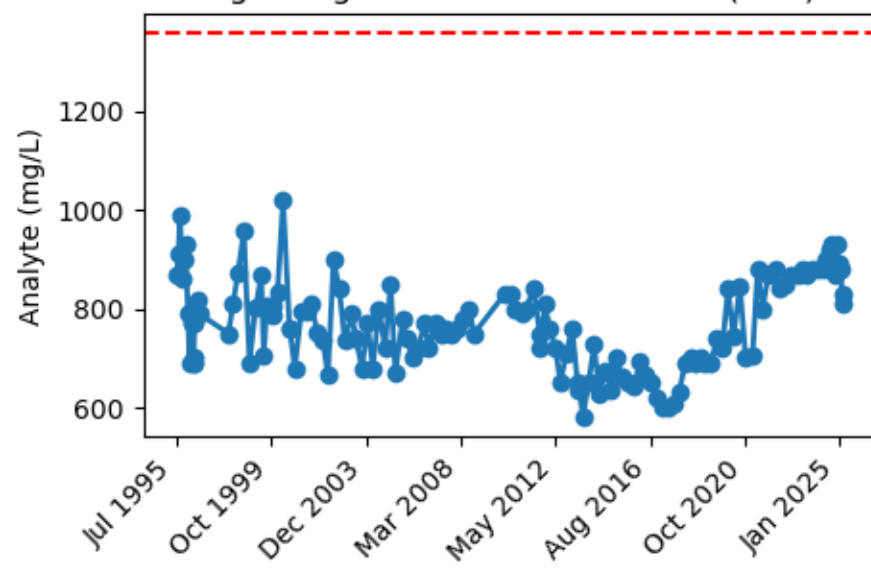


Figure 2g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

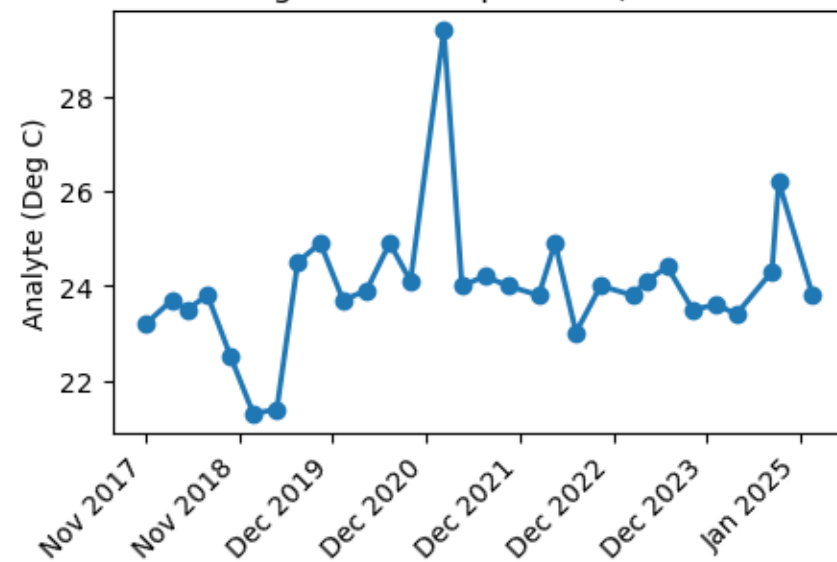


Figure 3b. pH, Field



Figure 3c. Specific Conductance, Field

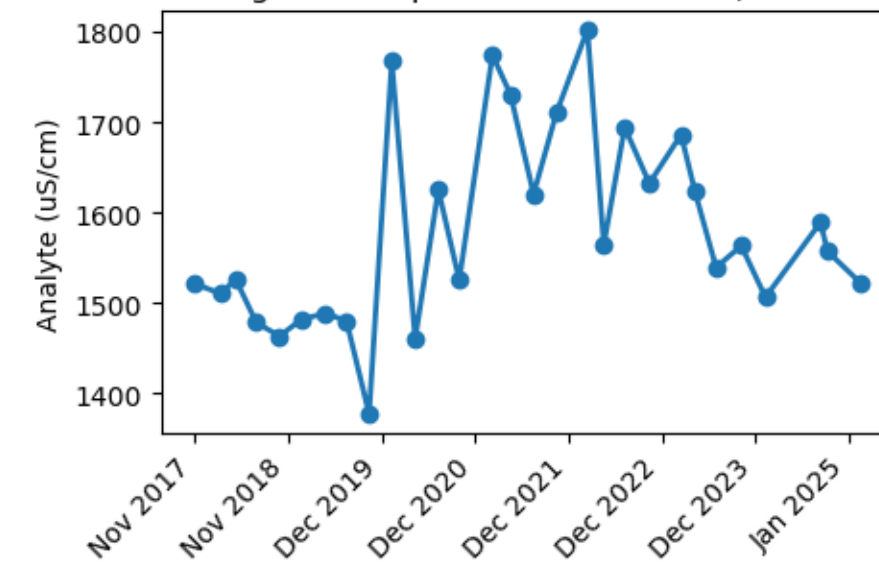


Figure 3d. Magnesium

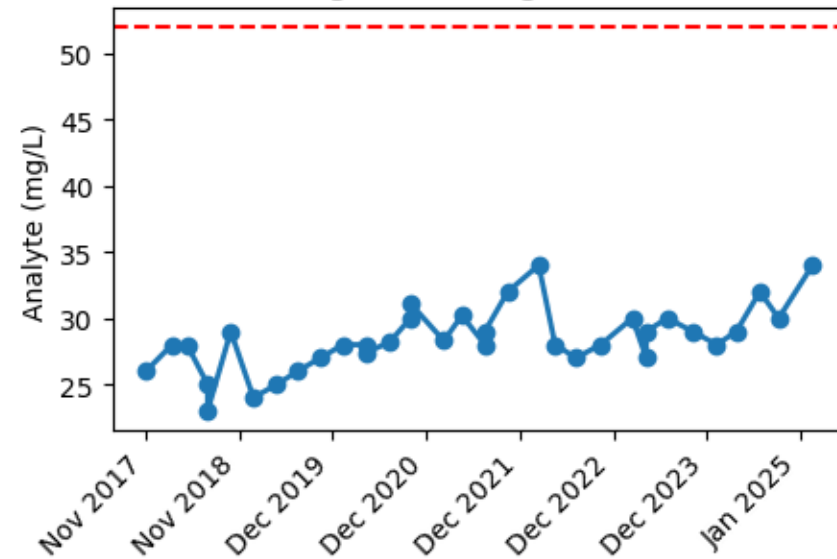


Figure 3e. Sulfate

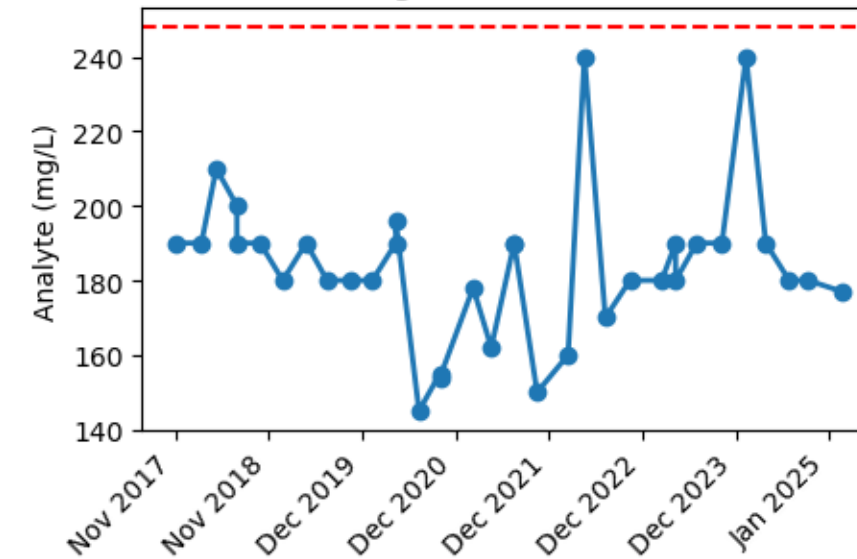


Figure 3f. Fluoride

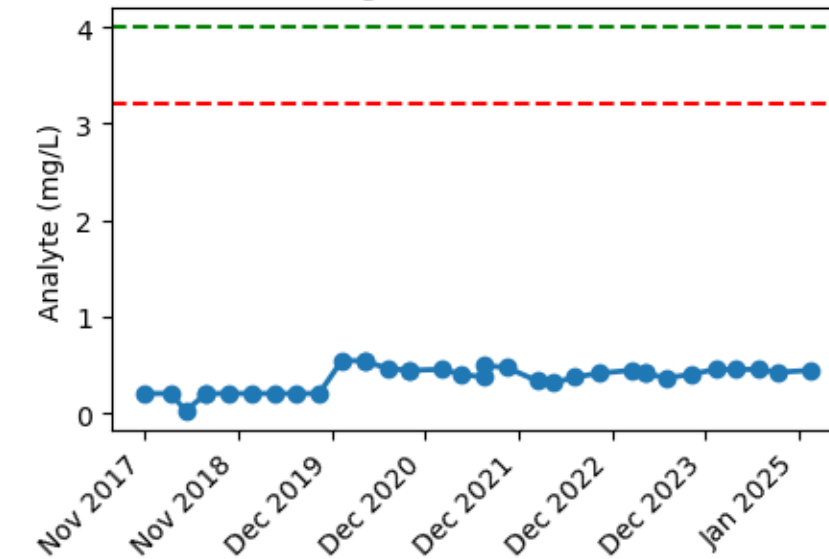
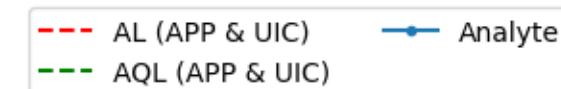
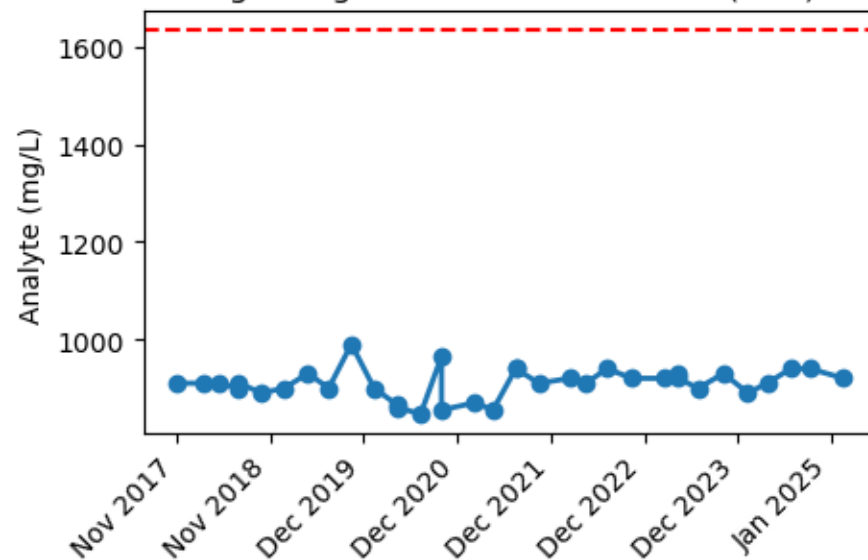


Figure 3g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

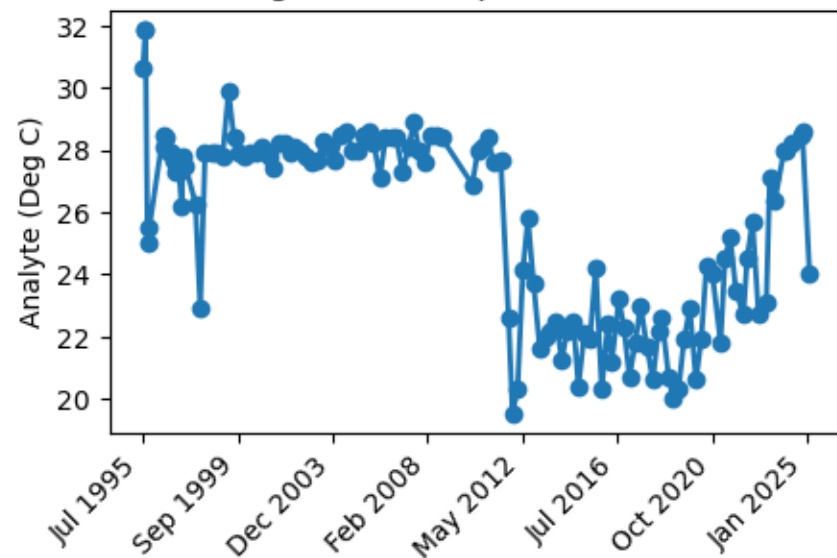


Figure 4b. pH, Field

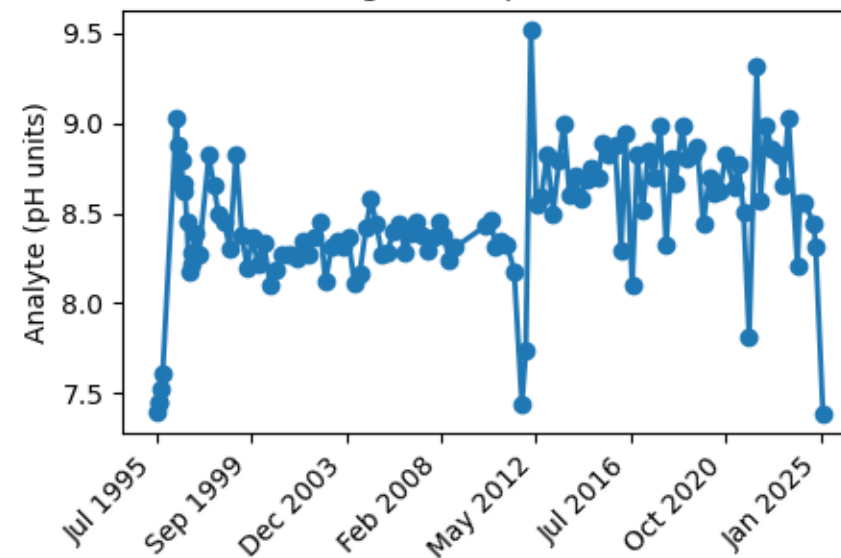


Figure 4c. Specific Conductance, Field

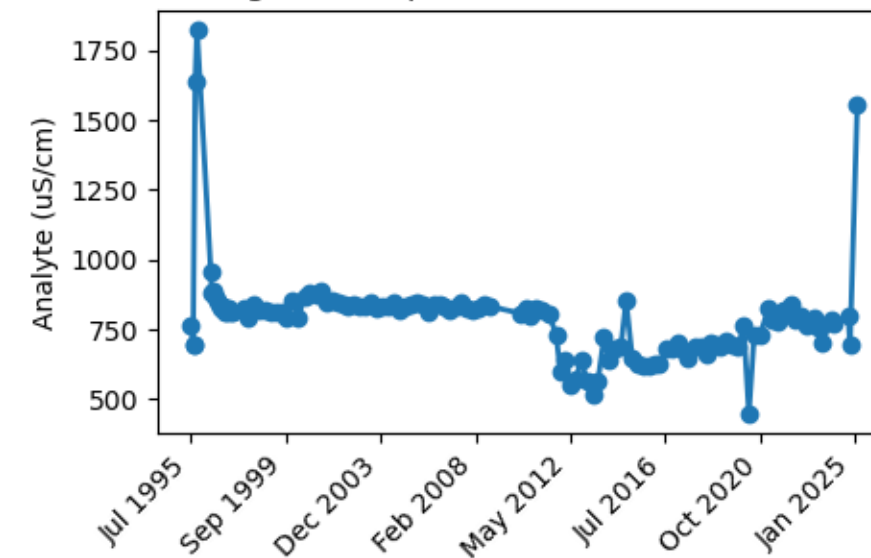


Figure 4d. Magnesium

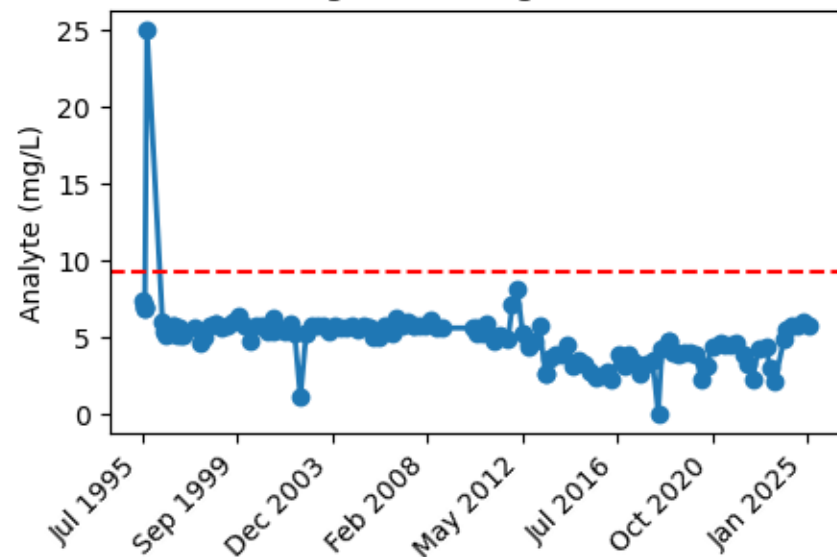


Figure 4e. Sulfate

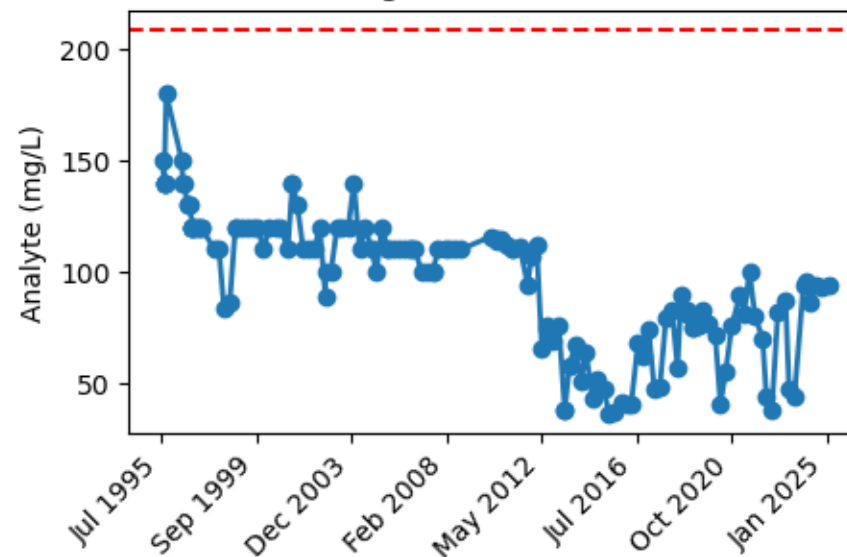


Figure 4f. Fluoride

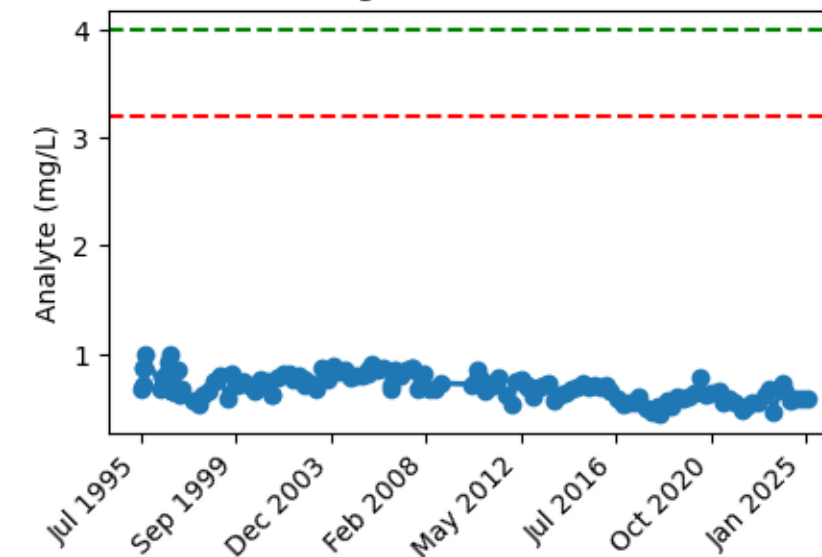
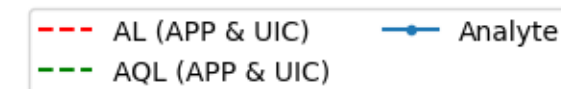
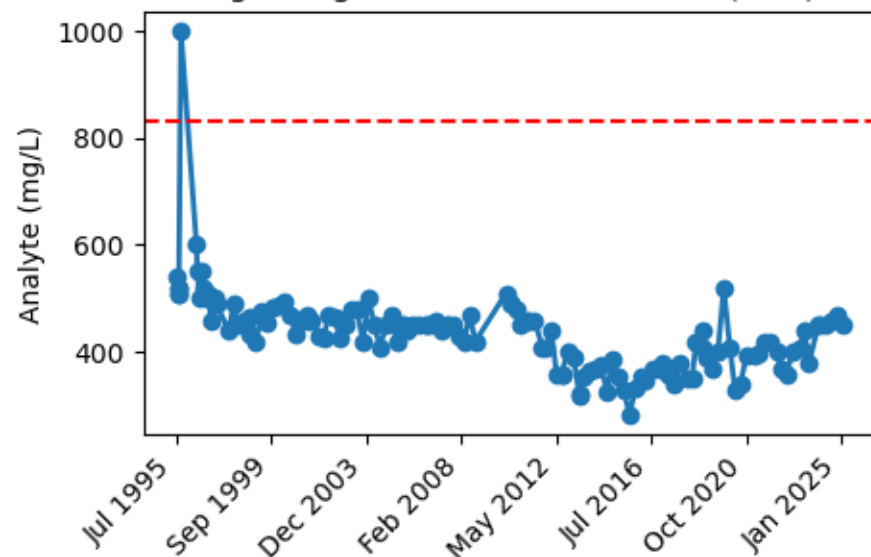


Figure 4g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

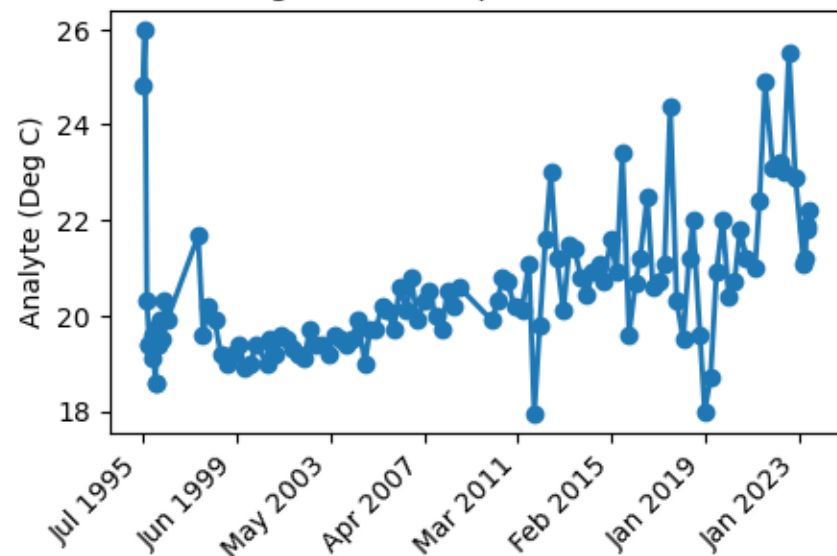


Figure 5b. pH, Field

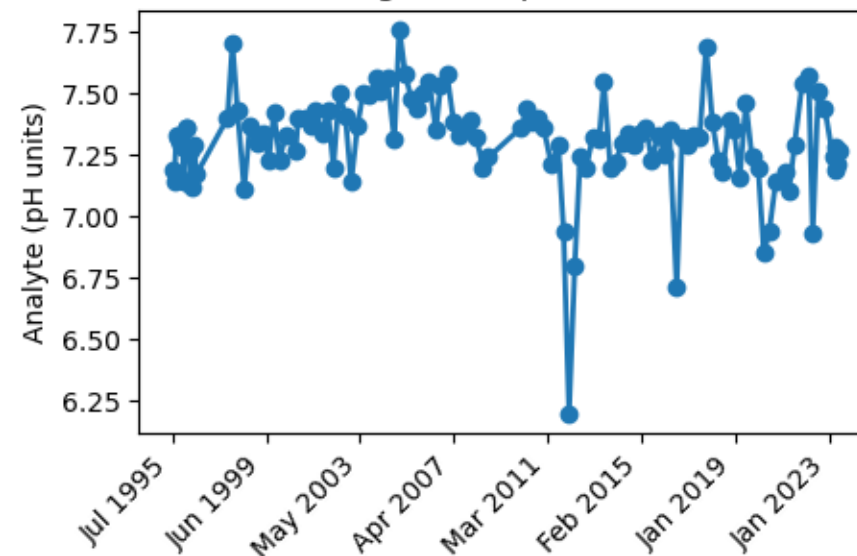


Figure 5c. Specific Conductance, Field

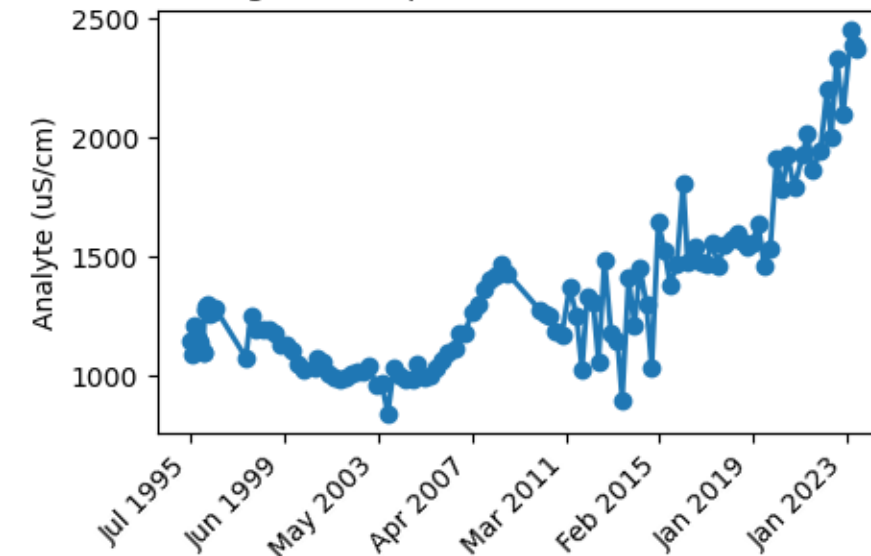


Figure 5d. Magnesium

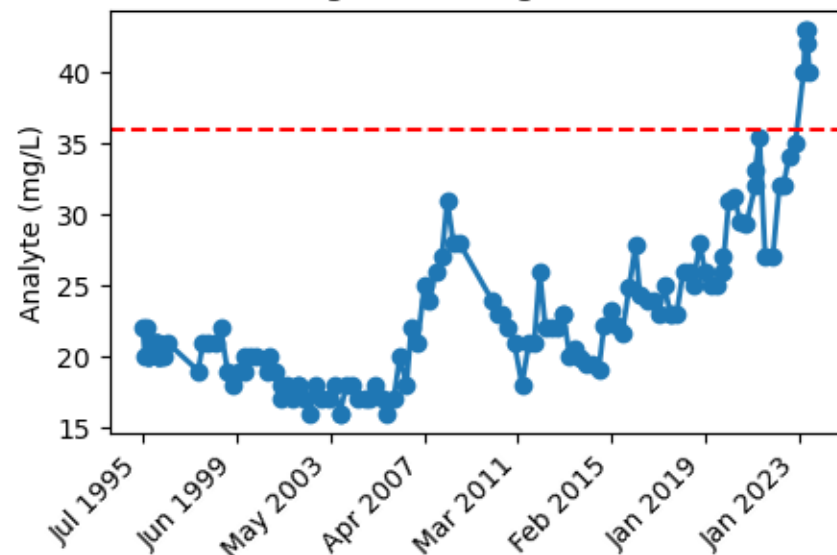


Figure 5e. Sulfate

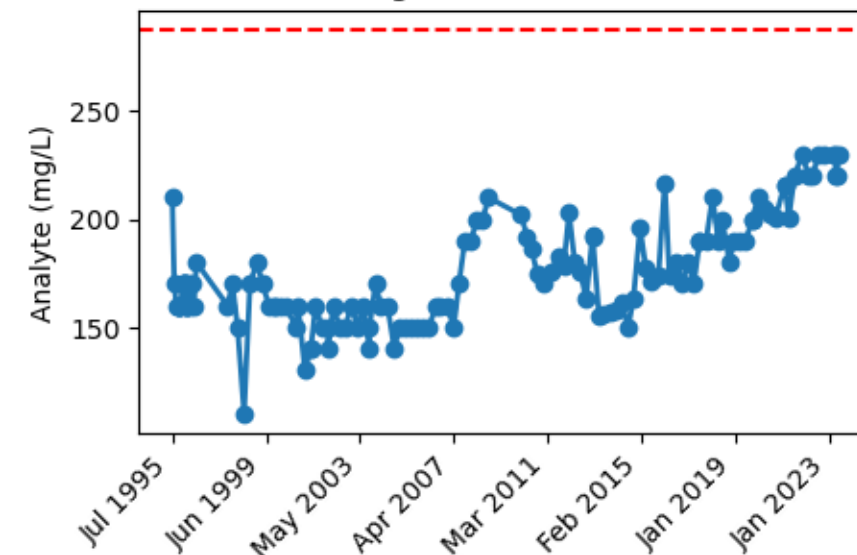


Figure 5f. Fluoride

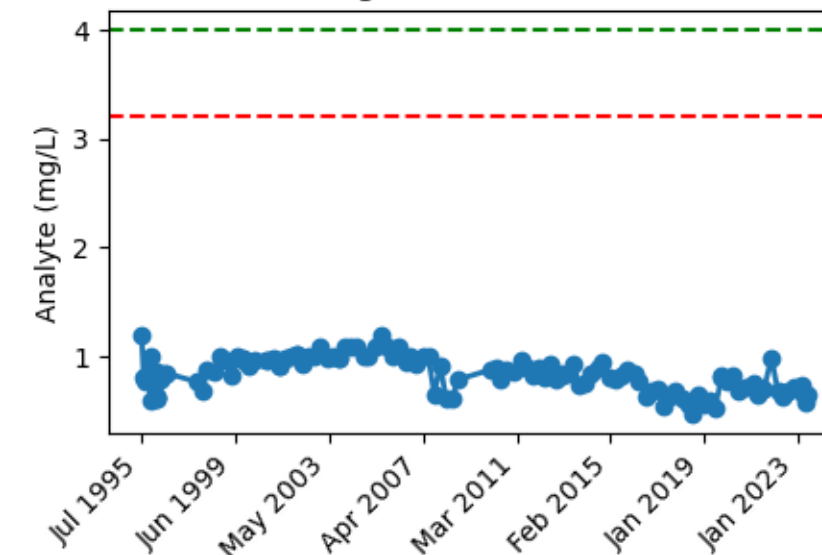
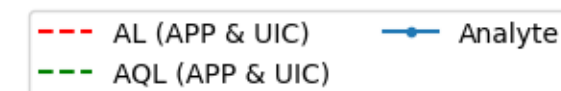
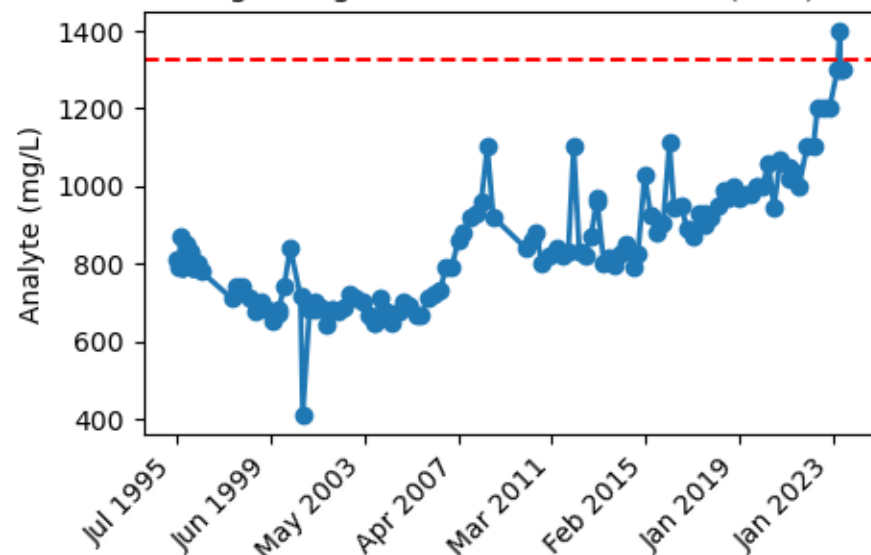


Figure 5g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

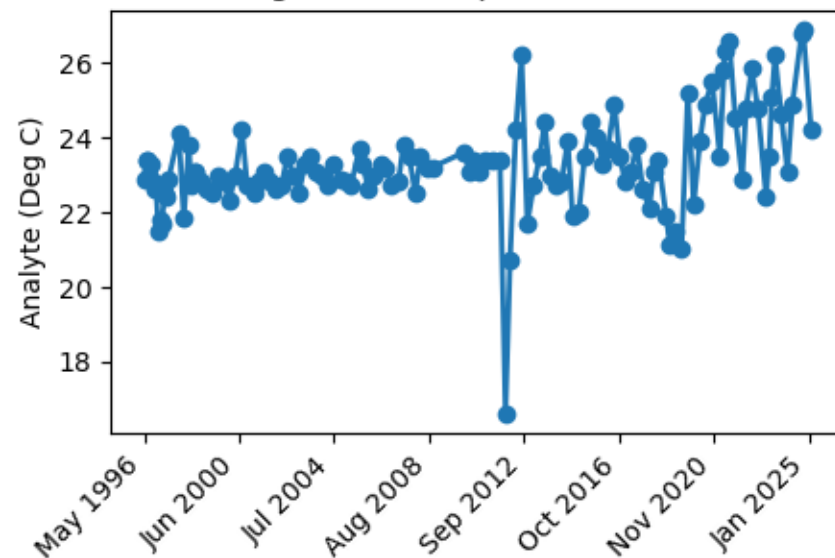


Figure 6b. pH, Field

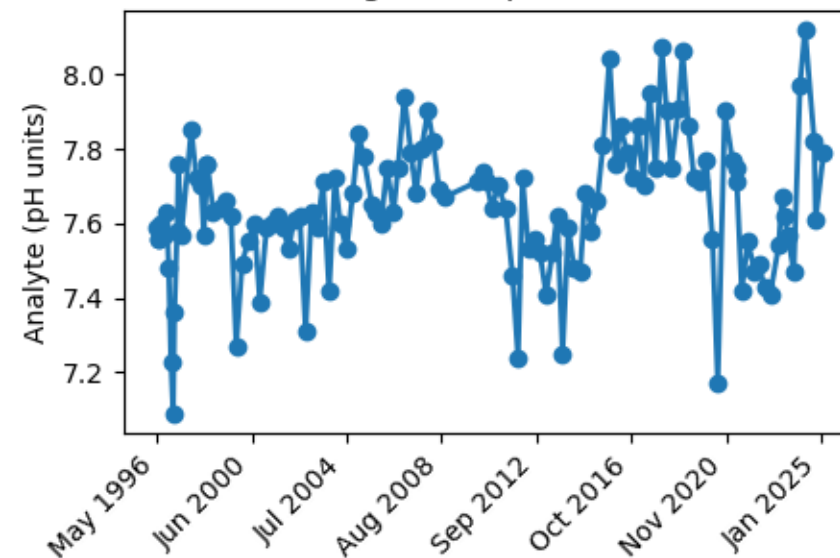


Figure 6c. Specific Conductance, Field

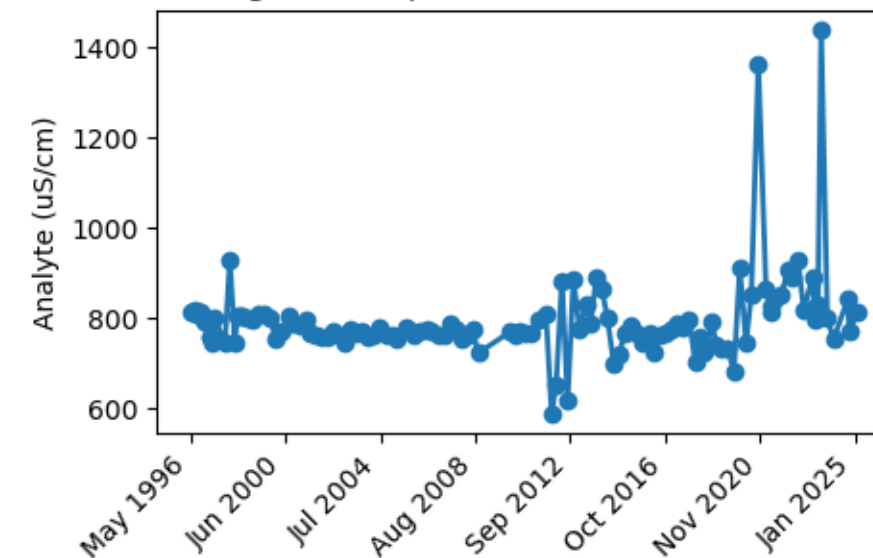


Figure 6d. Magnesium

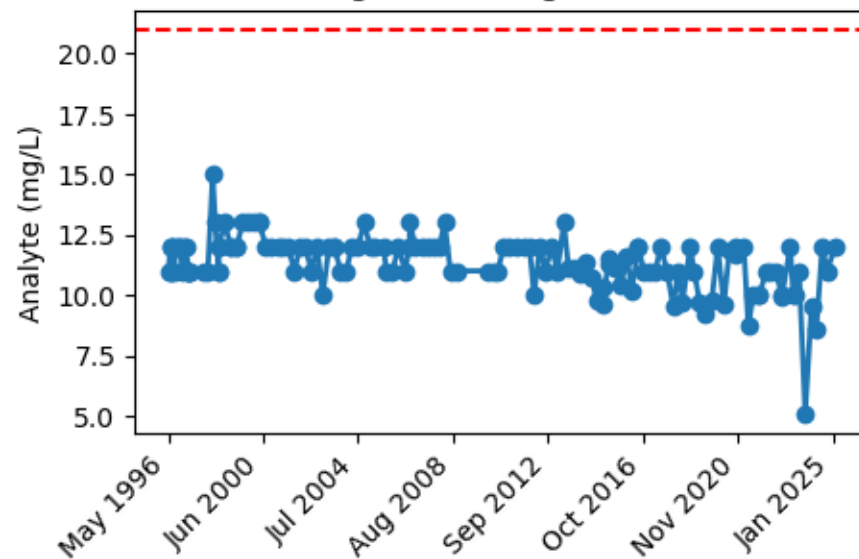


Figure 6e. Sulfate

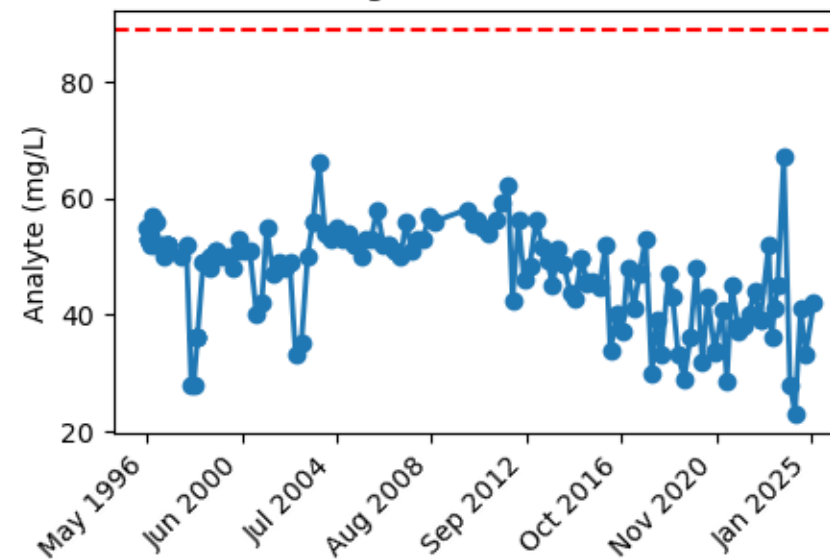


Figure 6f. Fluoride

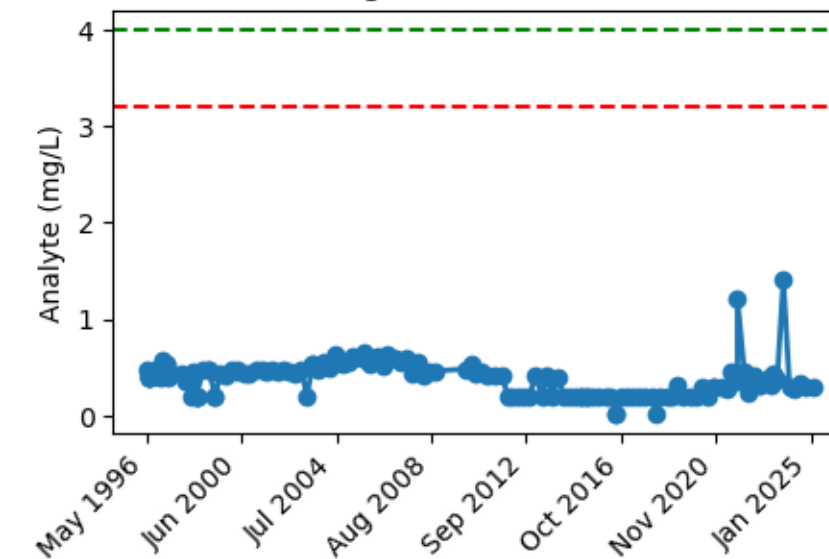
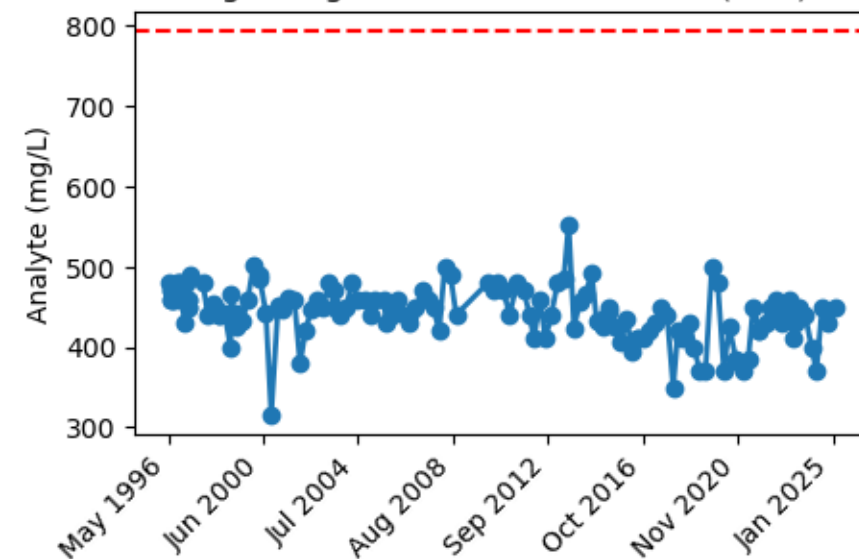


Figure 6g. Total Dissolved Solids (TDS)



--- AL (APP & UIC)
 —●— Analyte
 --- AQL (APP & UIC)

Notes:
 AL = Alert Level
 AQL = Aquifer Quality Limit
 APP = Aquifer Protection Permit No. P-101704
 UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1
 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

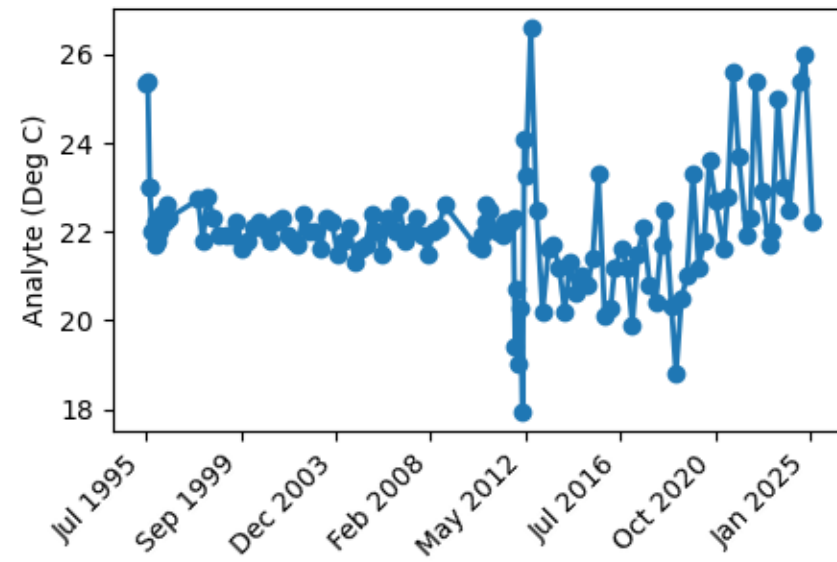


Figure 7b. pH, Field

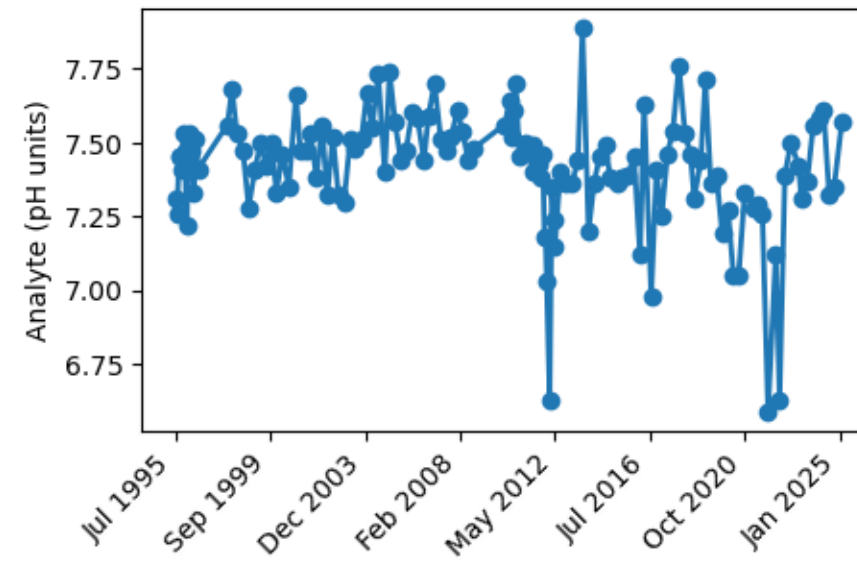


Figure 7c. Specific Conductance, Field

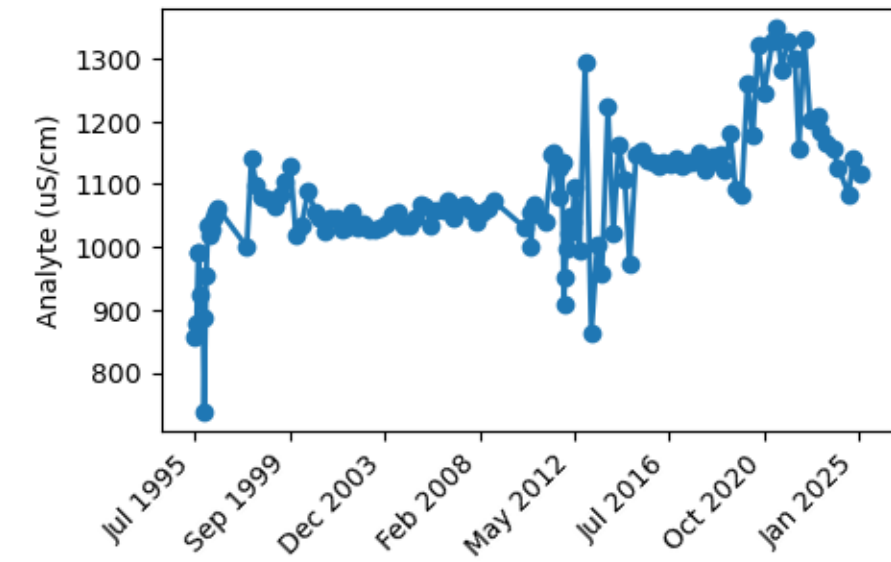


Figure 7d. Magnesium

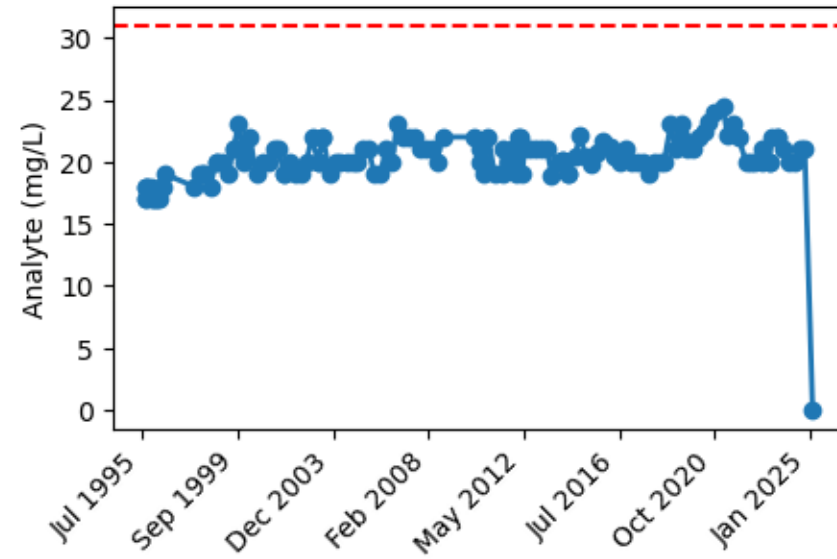


Figure 7e. Sulfate

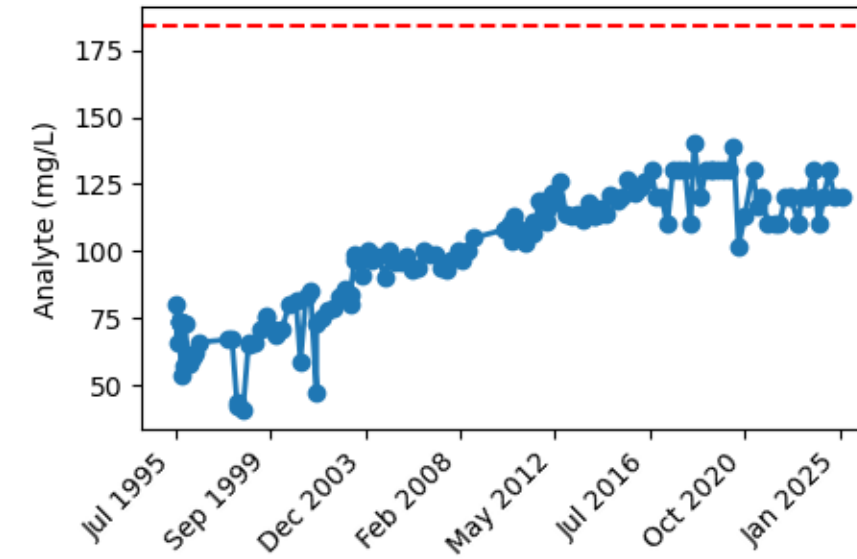


Figure 7f. Fluoride

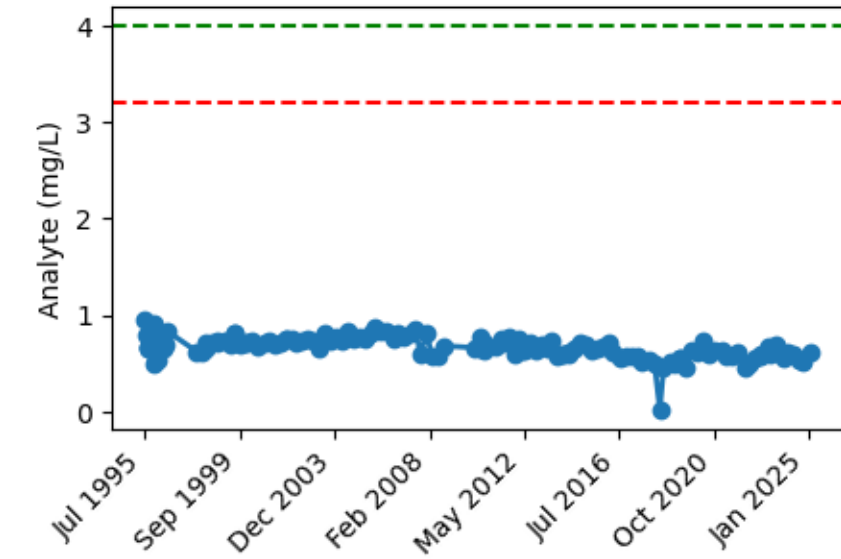
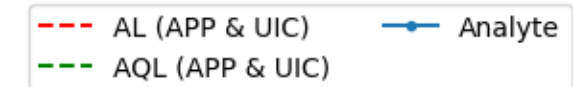
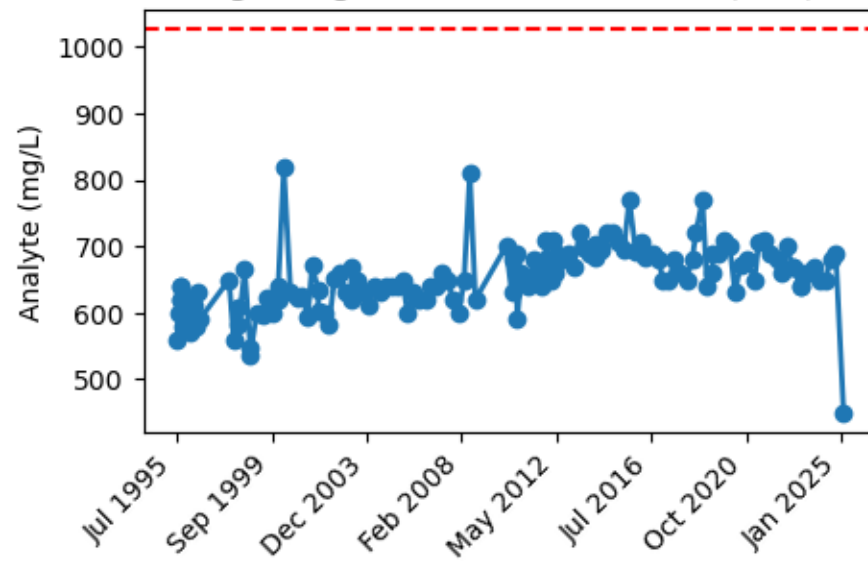


Figure 7g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

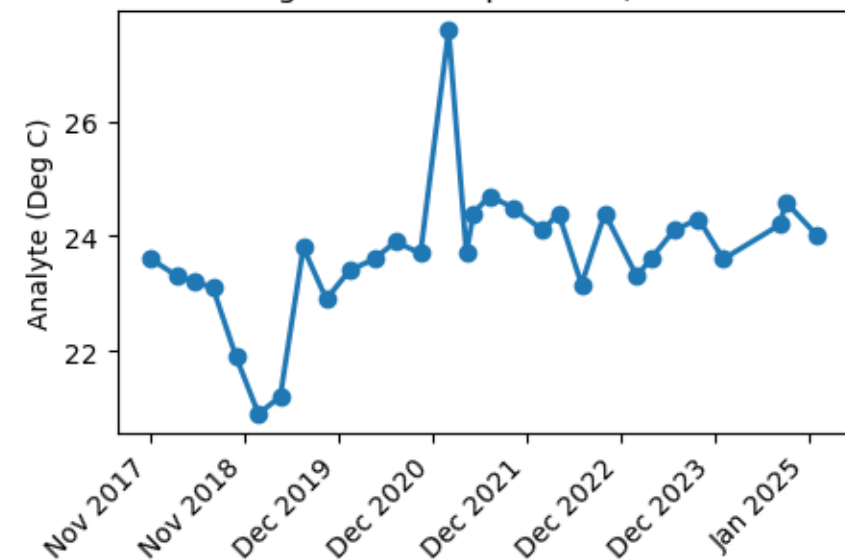


Figure 8b. pH, Field

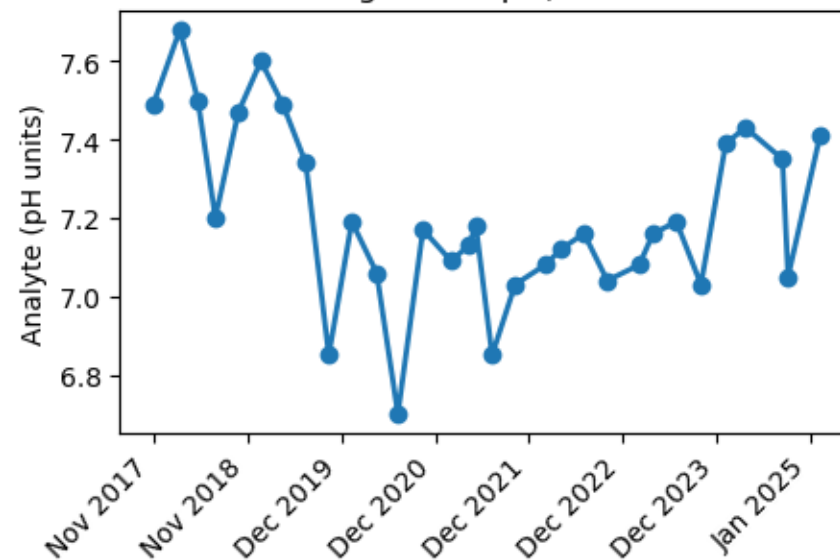


Figure 8c. Specific Conductance, Field

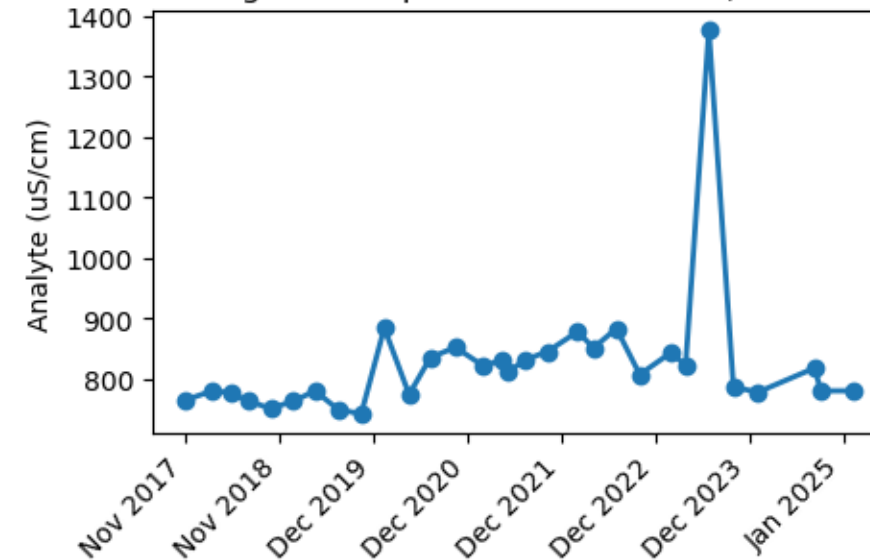


Figure 8d. Magnesium

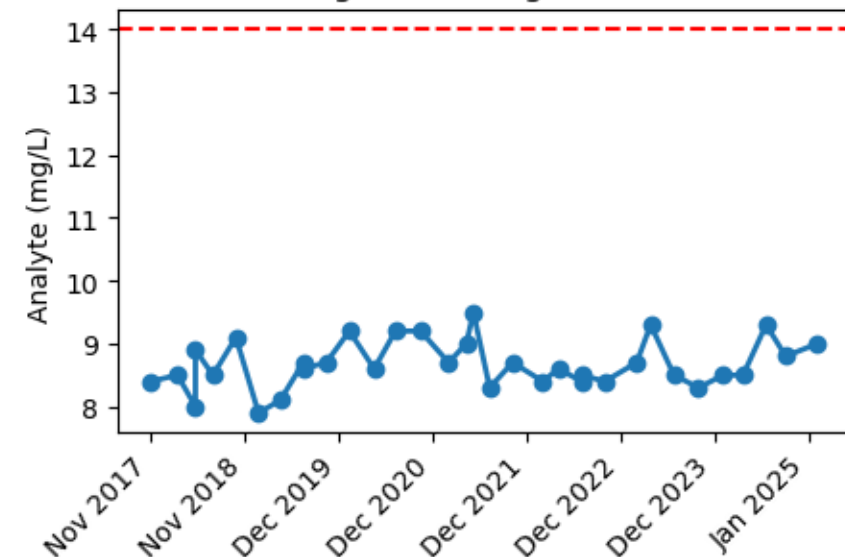


Figure 8e. Sulfate

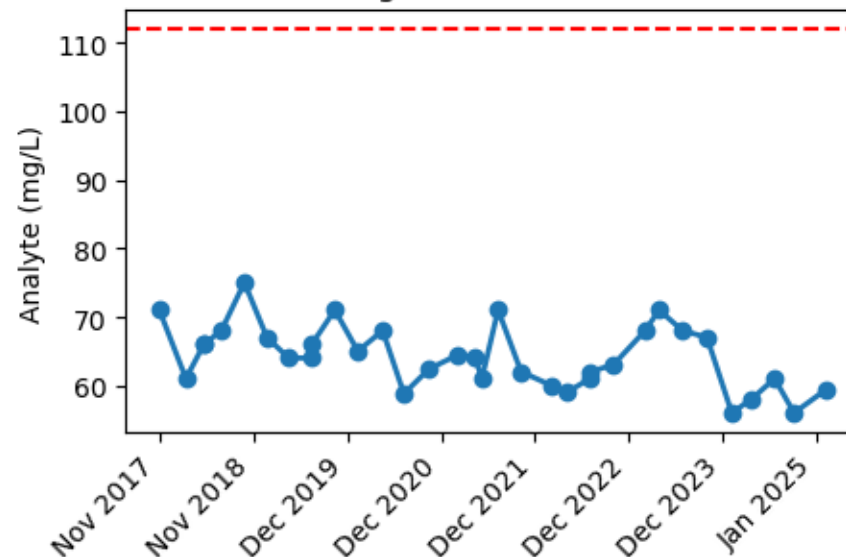


Figure 8f. Fluoride

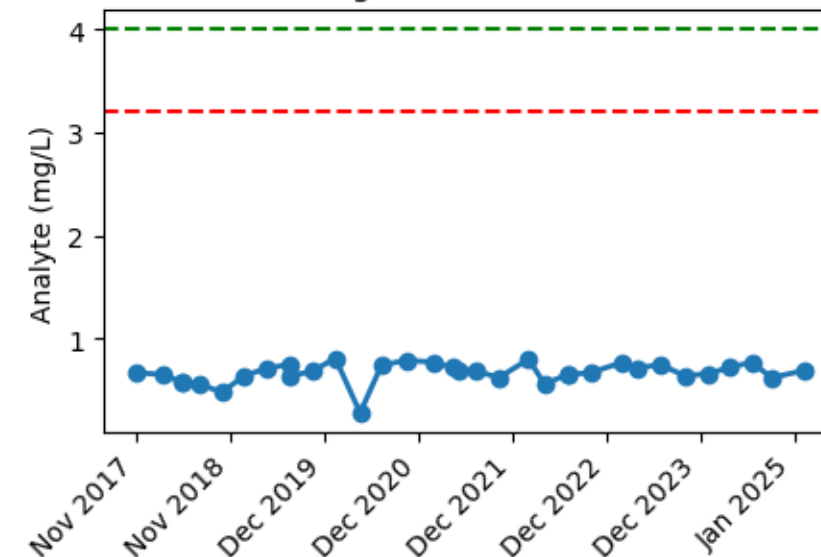
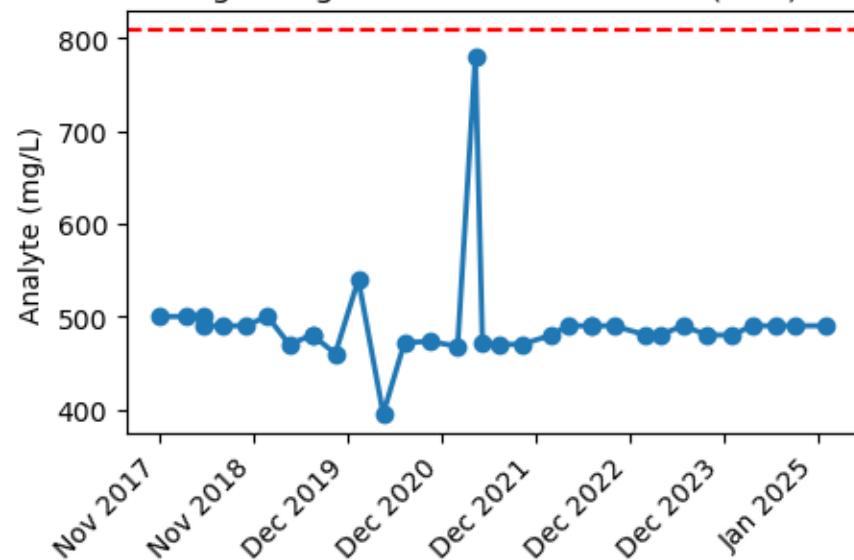


Figure 8g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

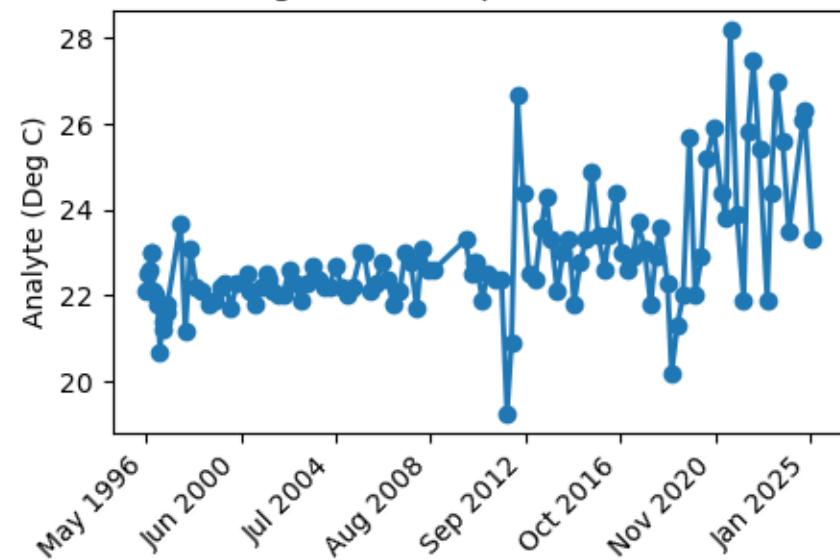


Figure 9b. pH, Field

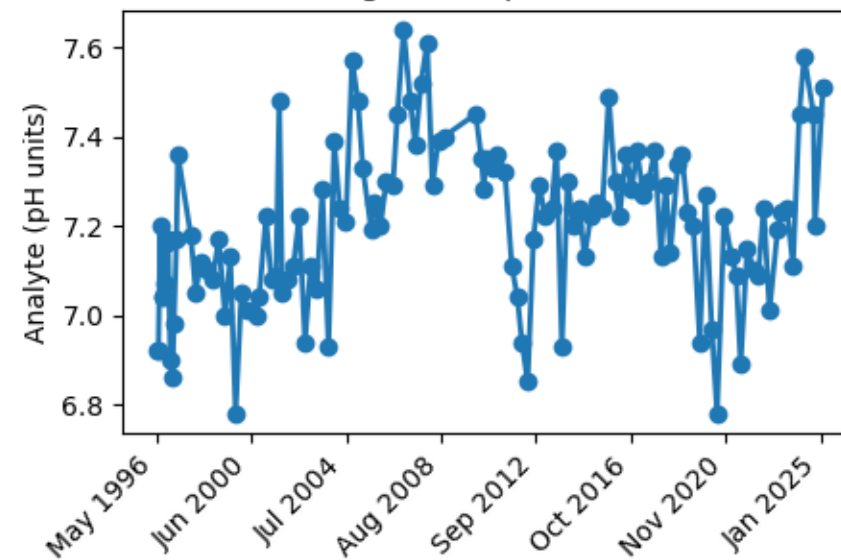


Figure 9c. Specific Conductance, Field

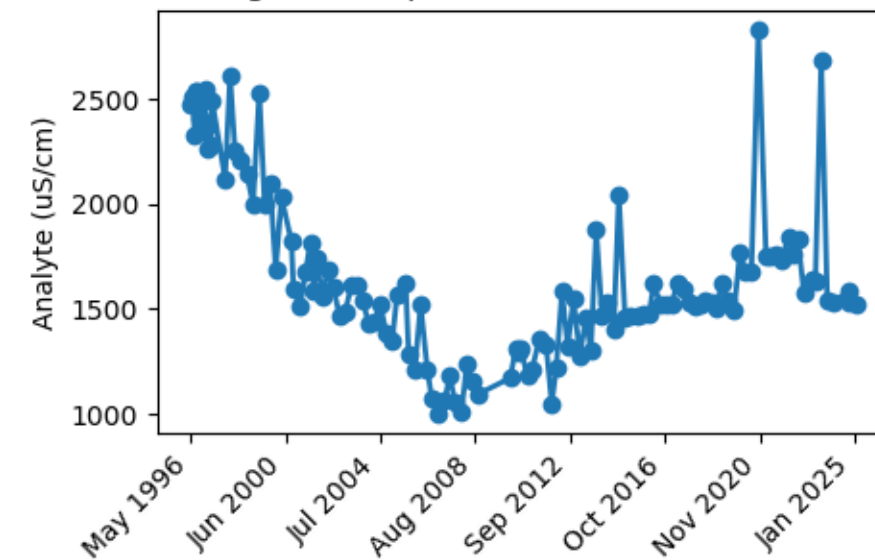


Figure 9d. Magnesium

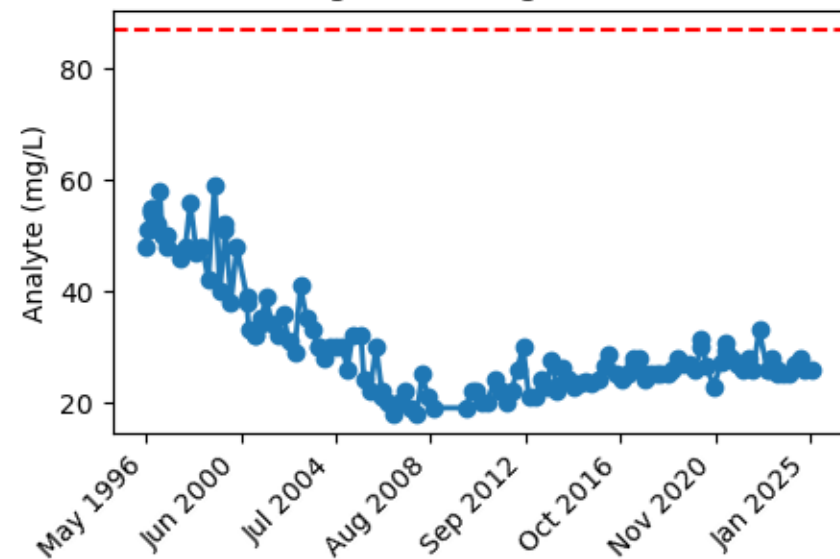


Figure 9e. Sulfate

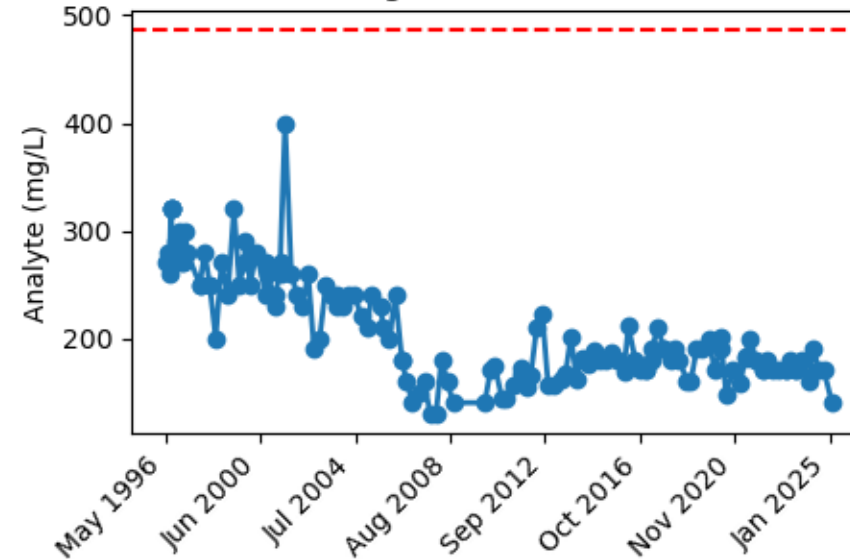


Figure 9f. Fluoride

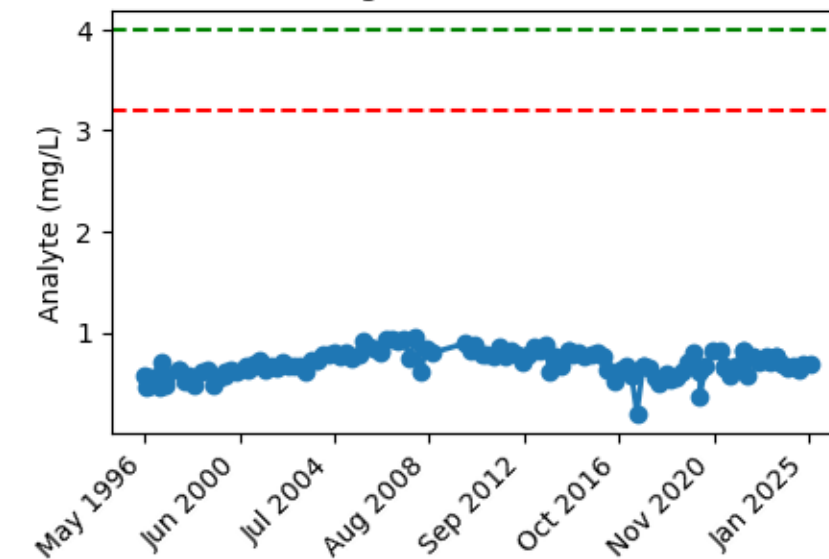
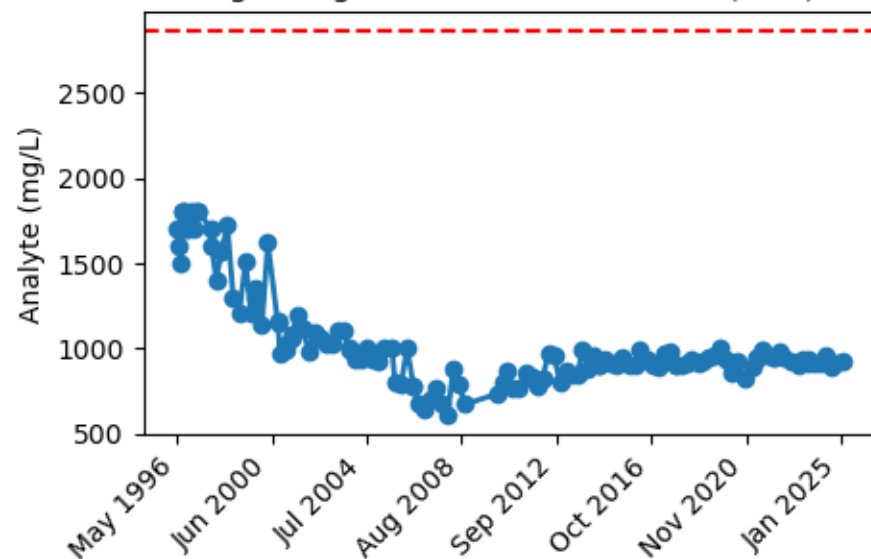


Figure 9g. Total Dissolved Solids (TDS)



--- AL (APP & UIC)
 —●— Analyte
 --- AQL (APP & UIC)

Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

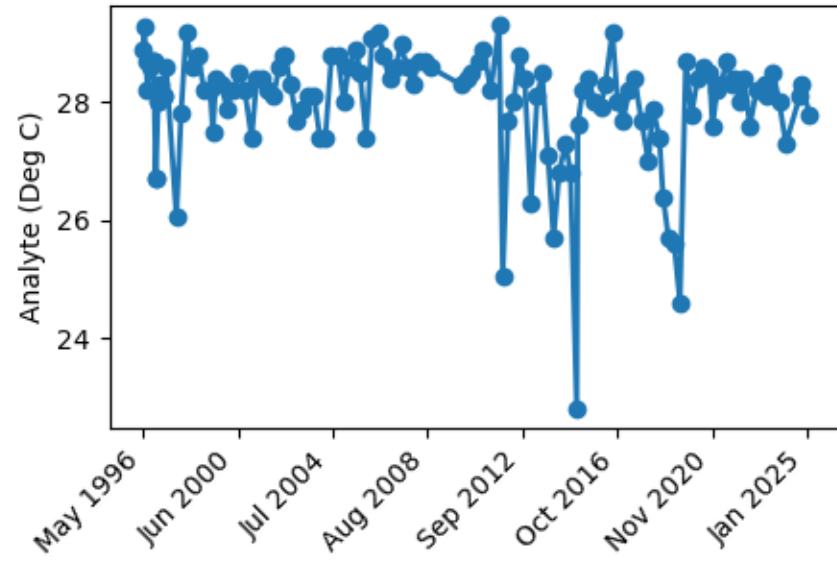


Figure 10b. pH, Field

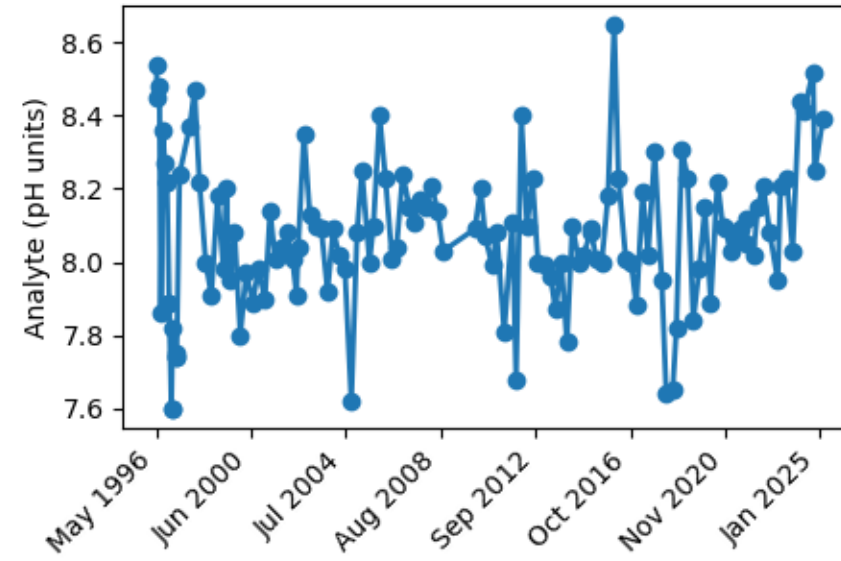


Figure 10c. Specific Conductance, Field

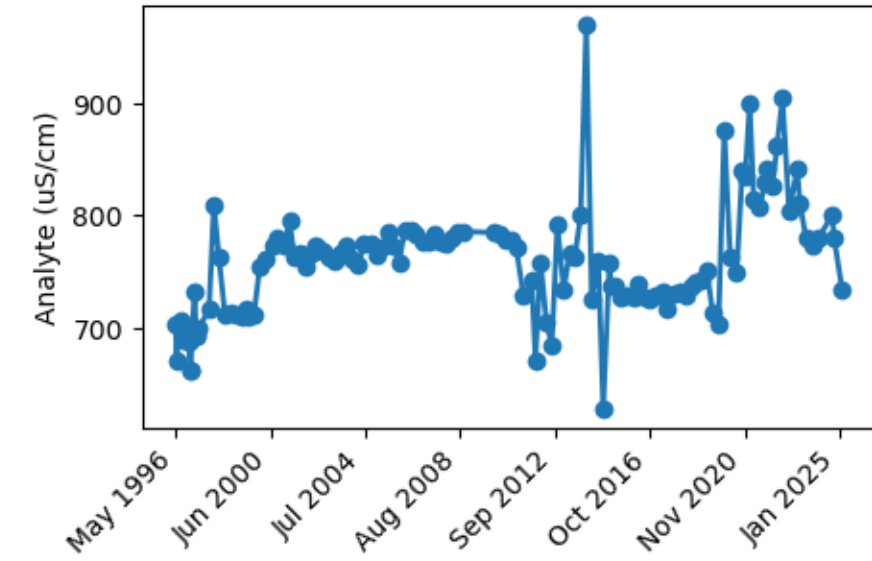


Figure 10d. Magnesium

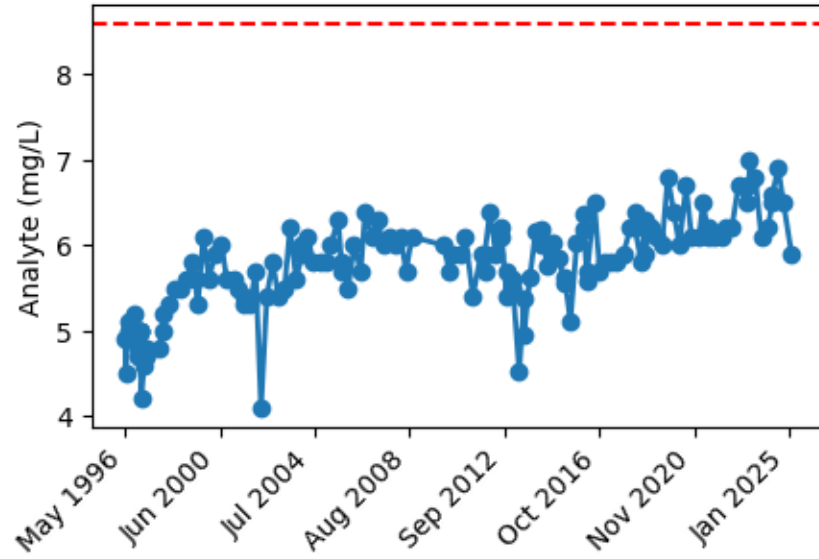


Figure 10e. Sulfate

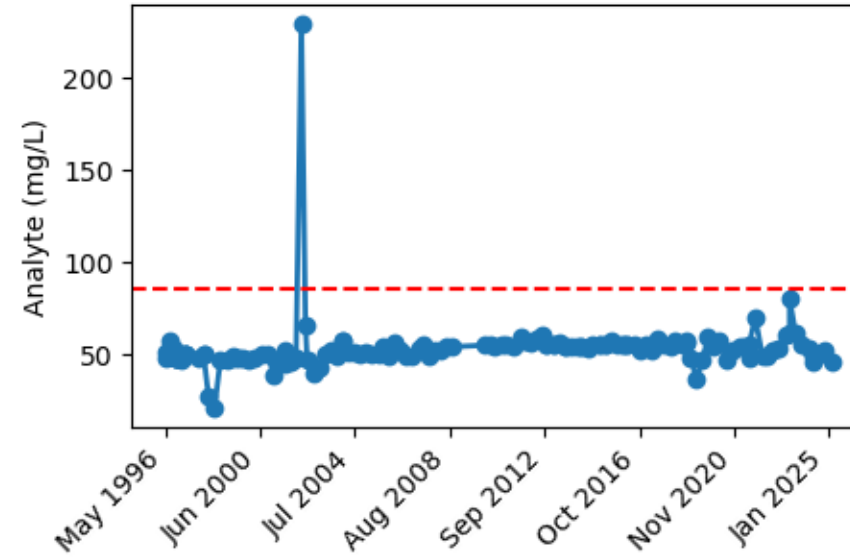


Figure 10f. Fluoride

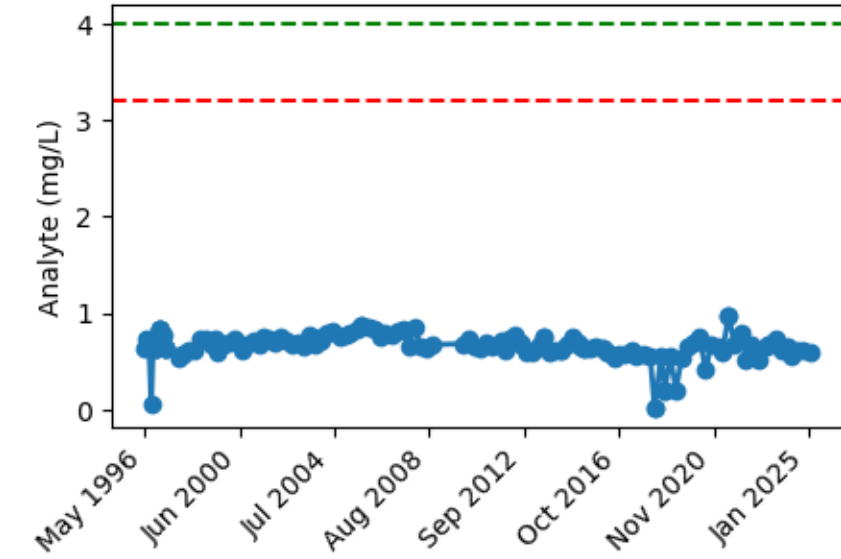
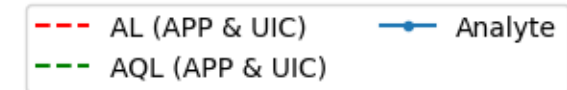
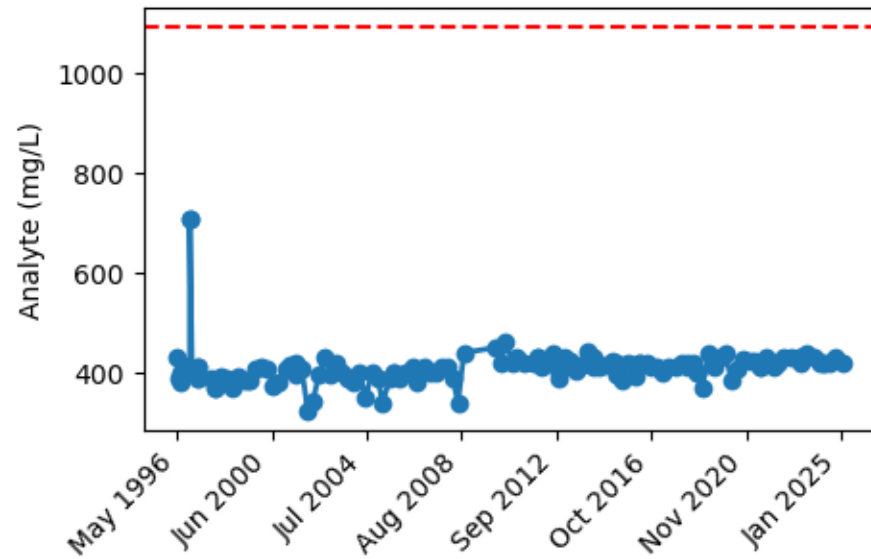


Figure 10g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

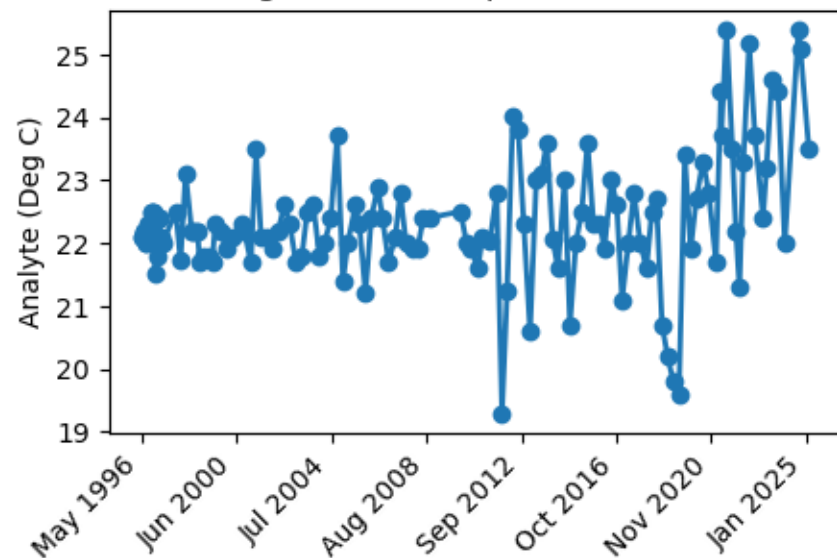


Figure 11b. pH, Field

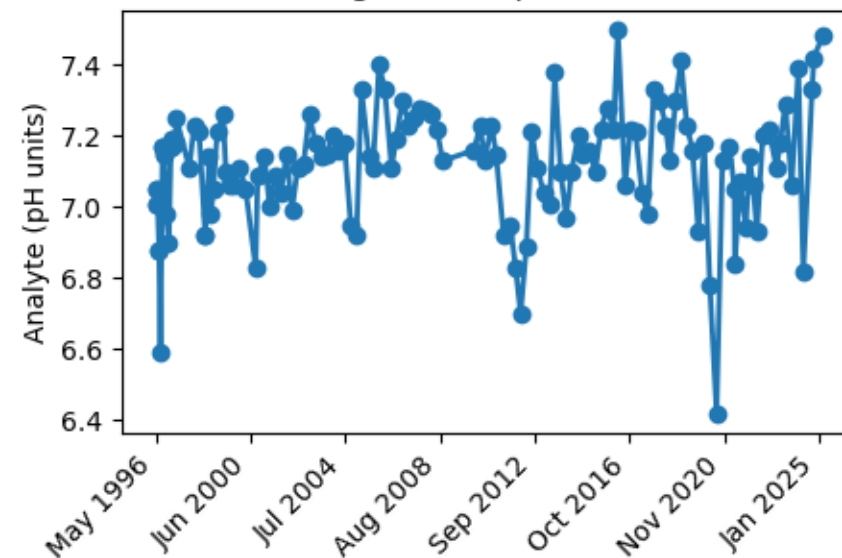


Figure 11c. Specific Conductance, Field

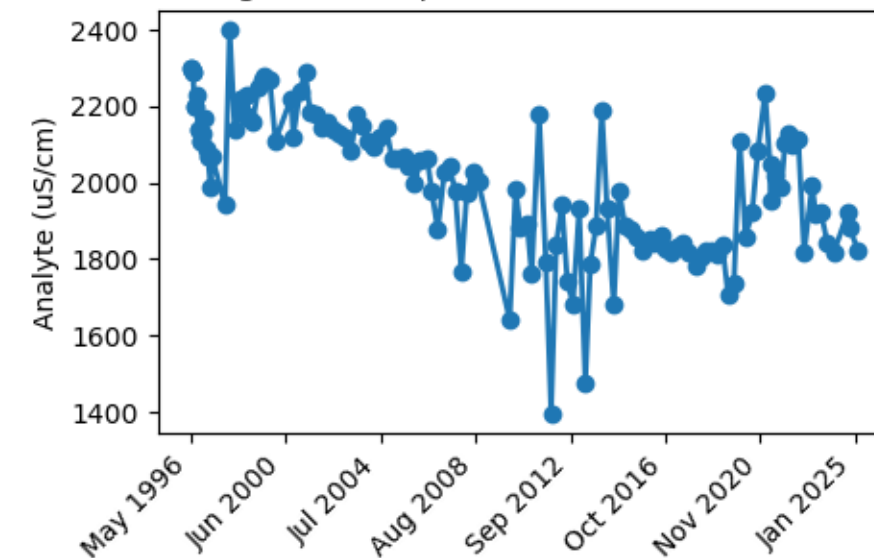


Figure 11d. Magnesium

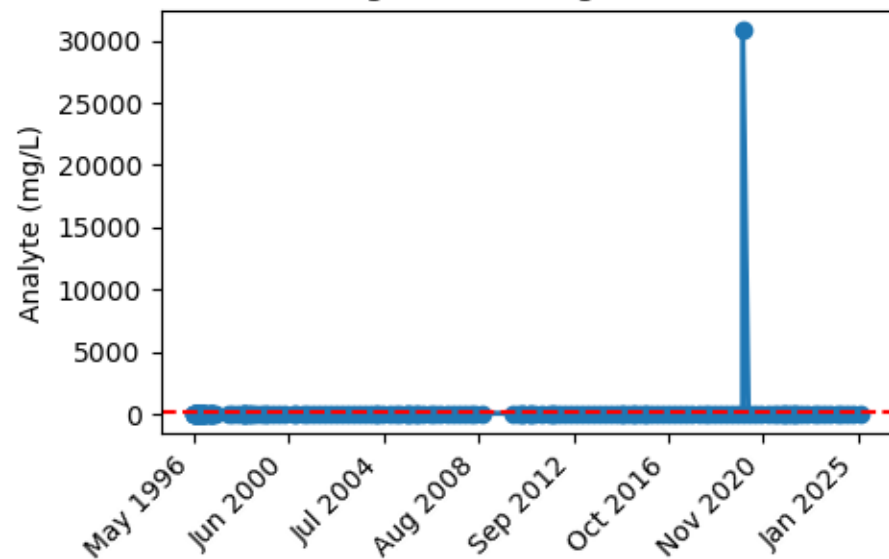


Figure 11e. Sulfate

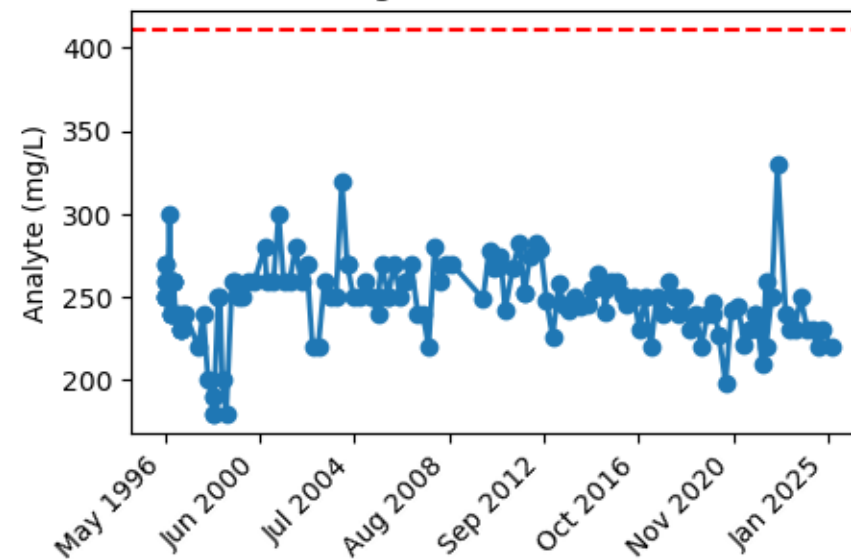


Figure 11f. Fluoride

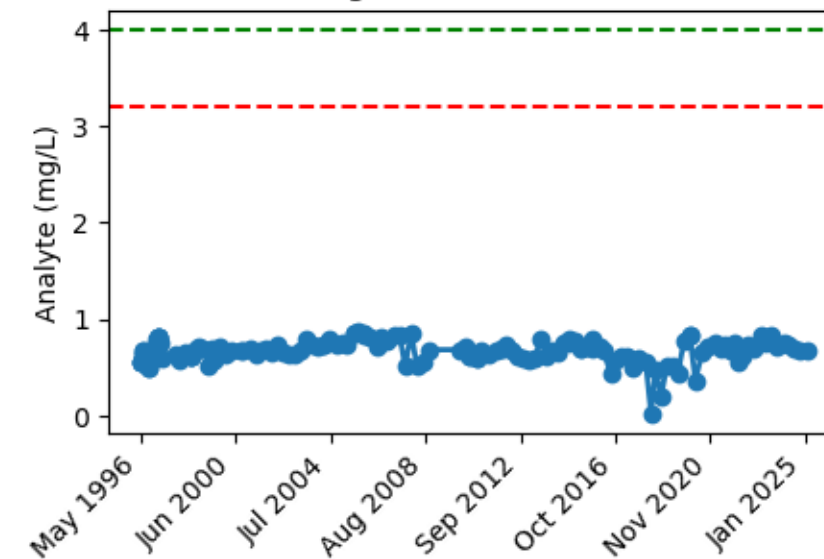
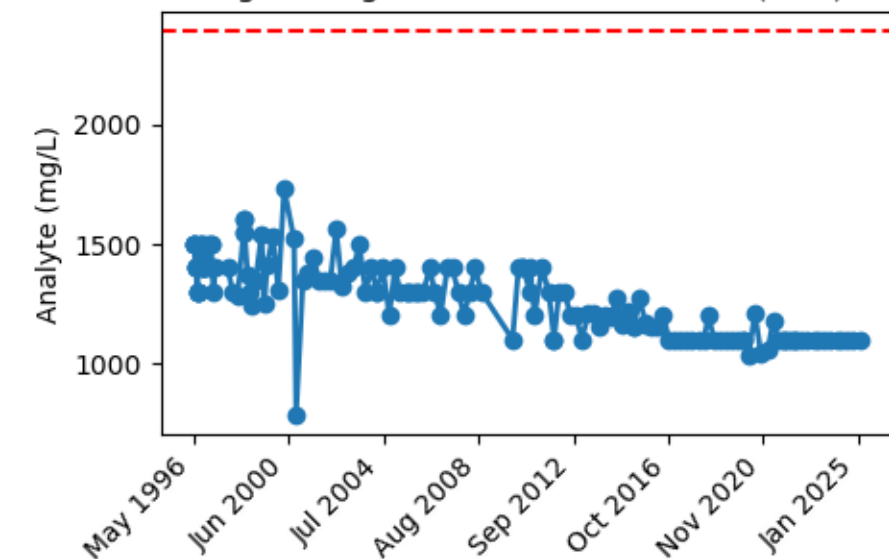


Figure 11g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

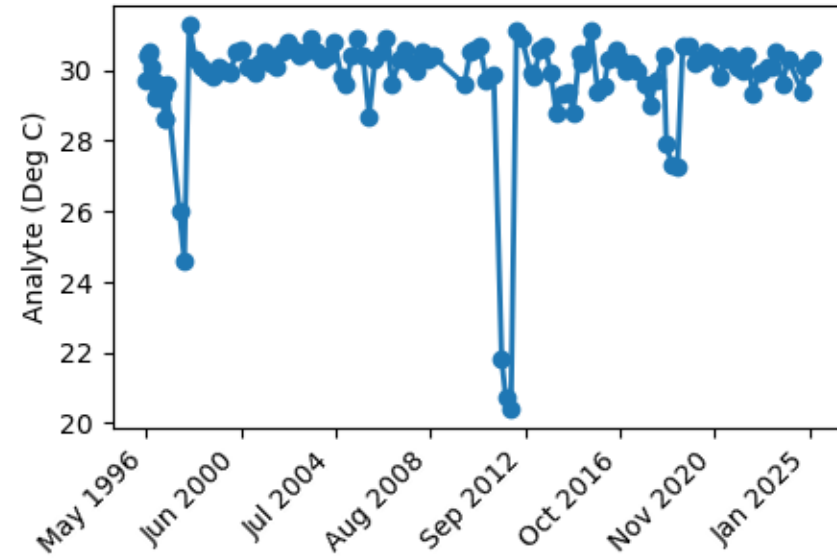


Figure 12b. pH, Field

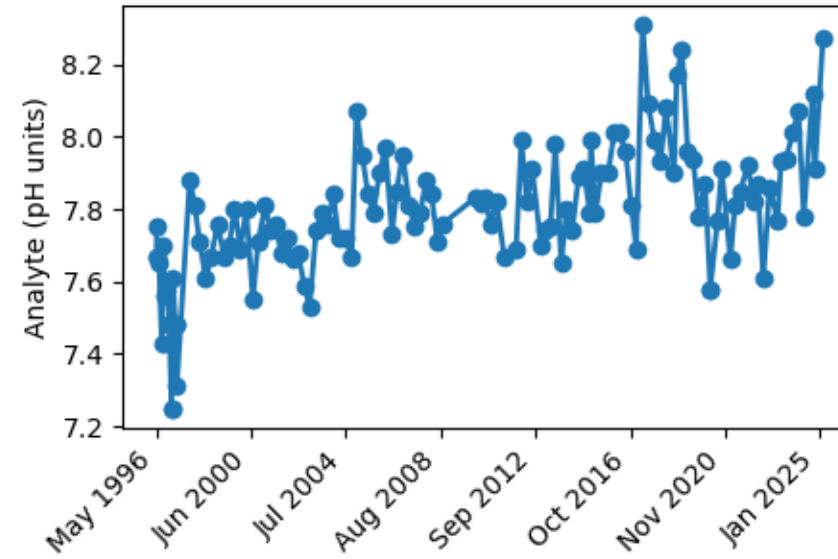


Figure 12c. Specific Conductance, Field

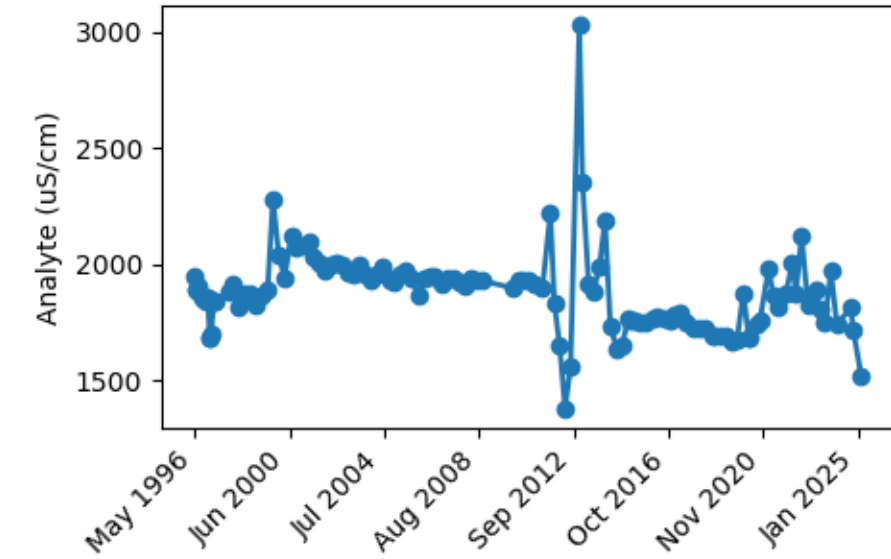


Figure 12d. Magnesium

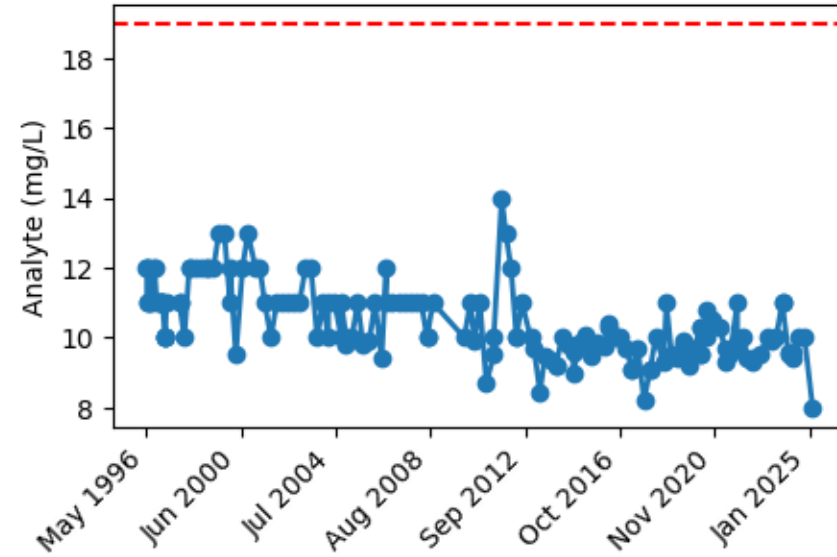


Figure 12e. Sulfate

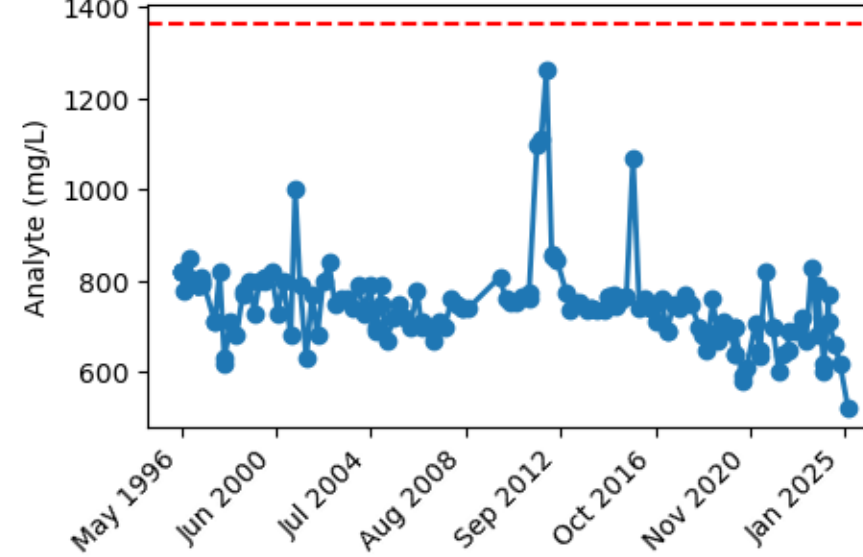


Figure 12f. Fluoride

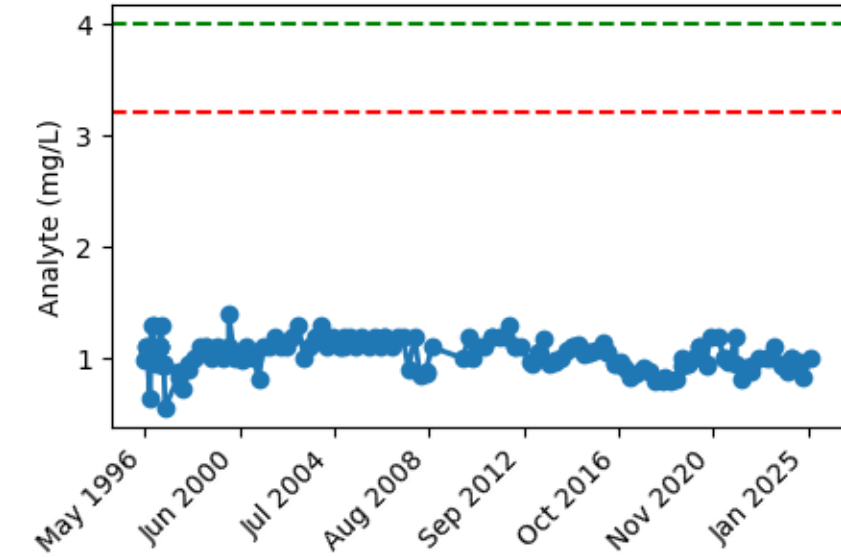
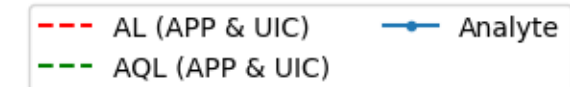
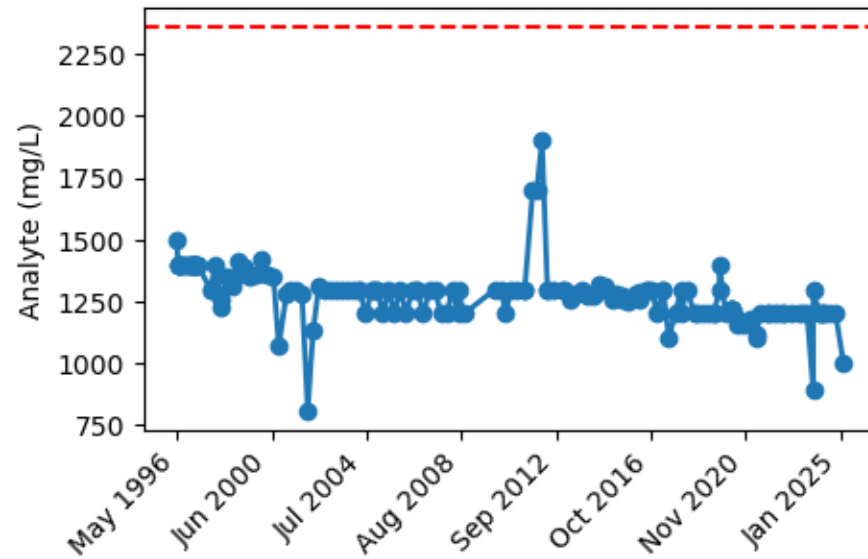


Figure 12g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

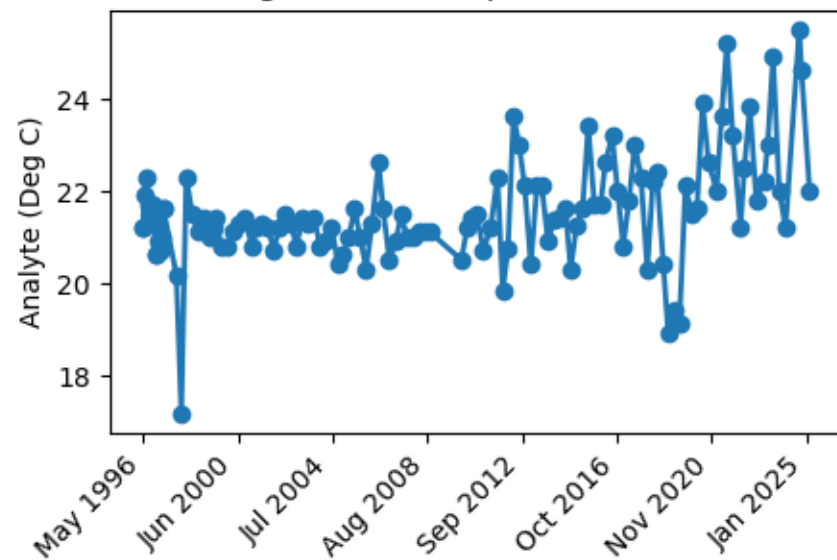


Figure 13b. pH, Field

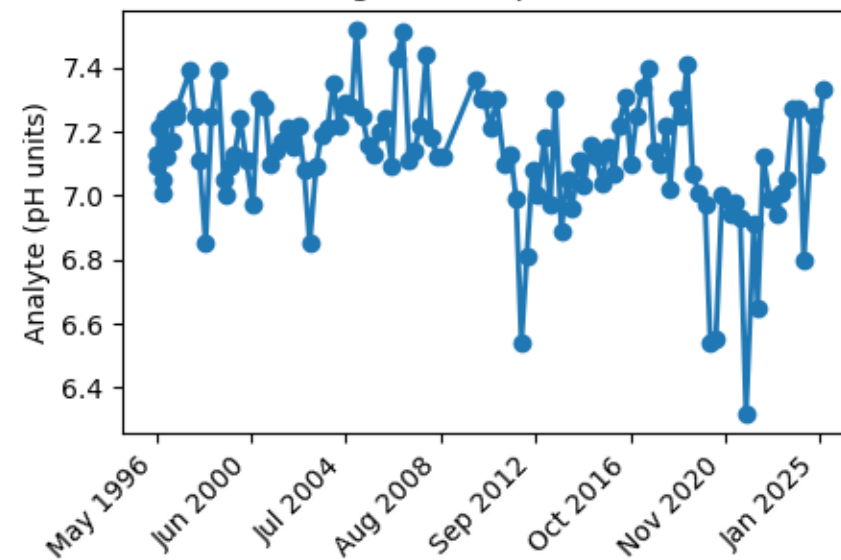


Figure 13c. Specific Conductance, Field

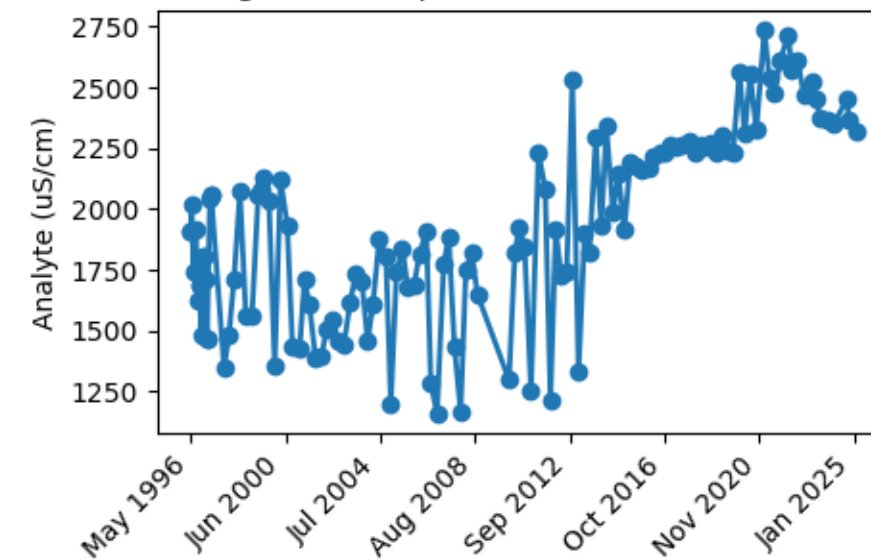


Figure 13d. Magnesium

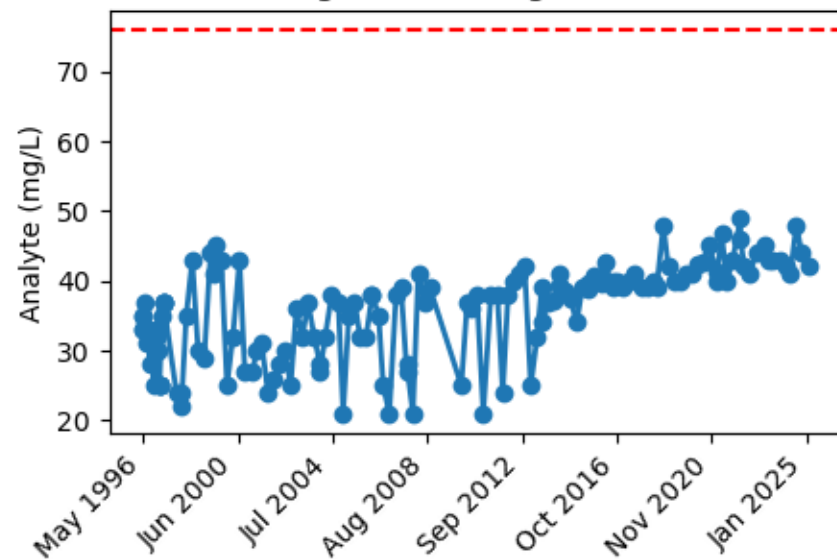


Figure 13e. Sulfate

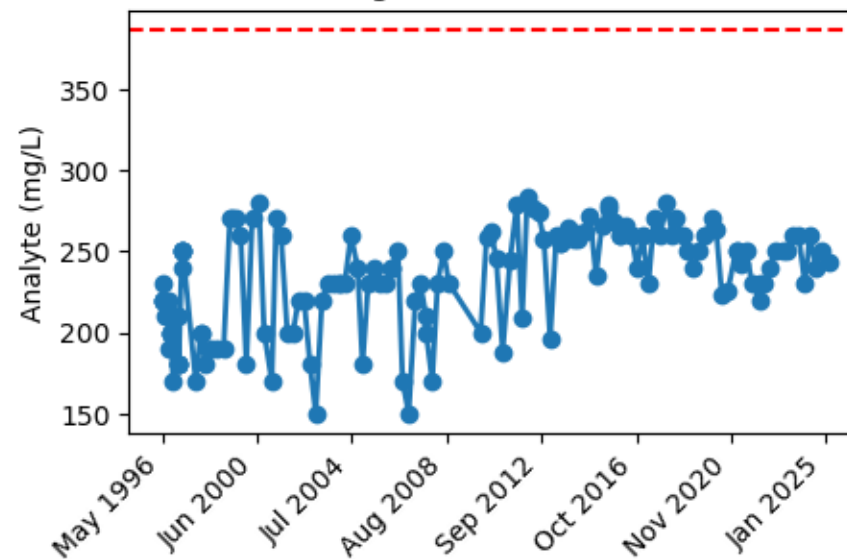


Figure 13f. Fluoride

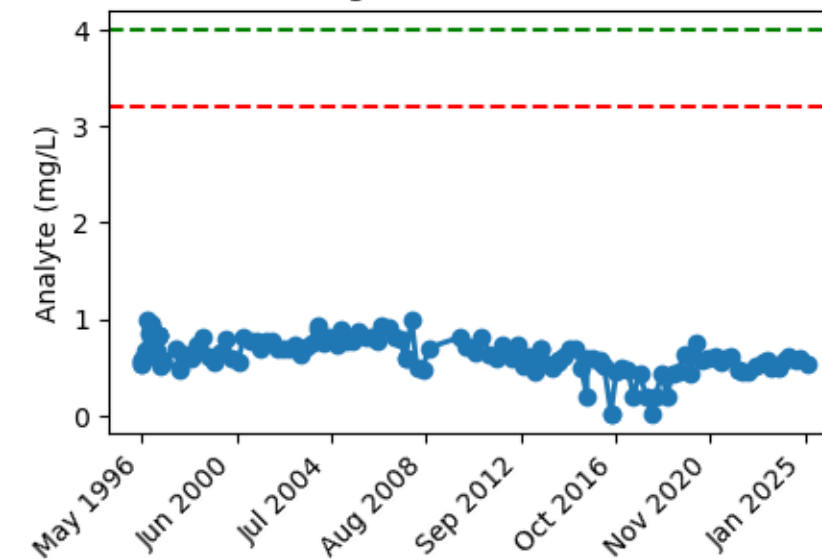
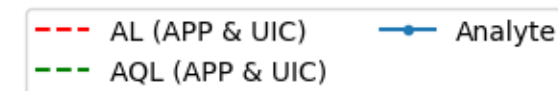
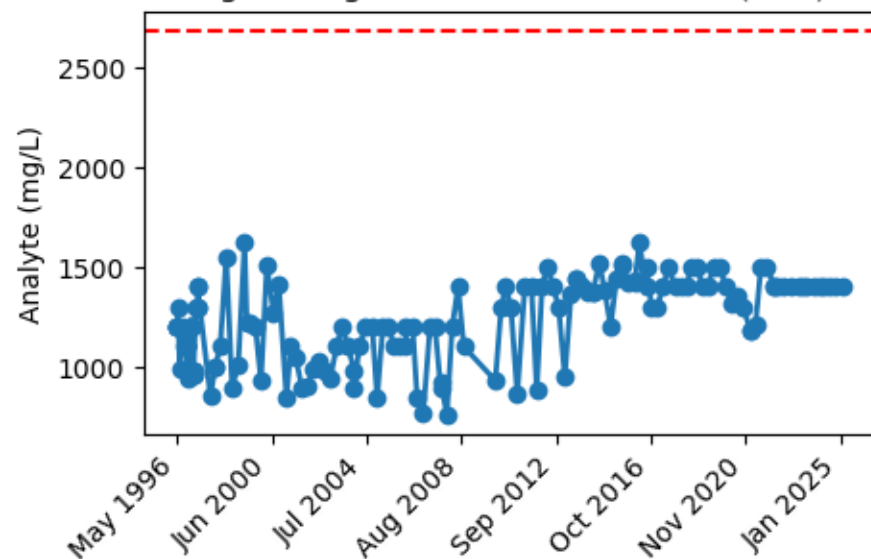


Figure 13g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

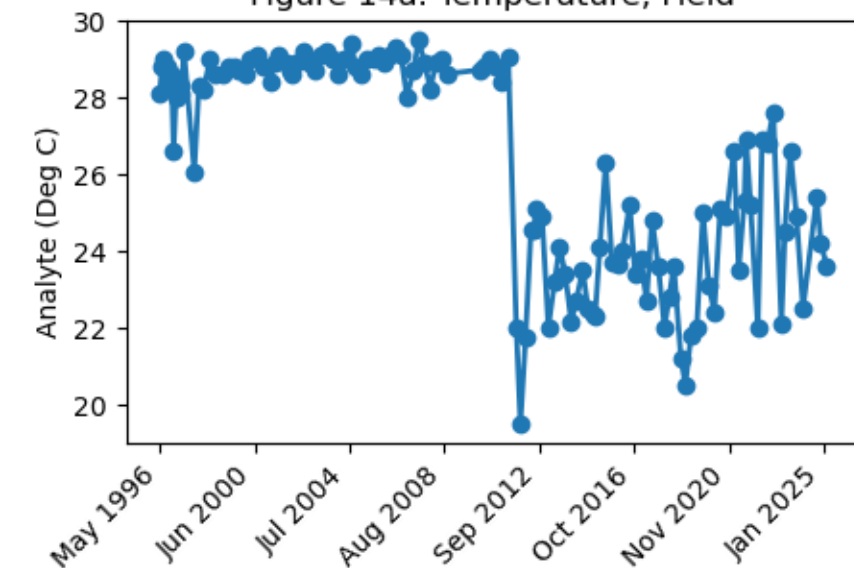


Figure 14b. pH, Field

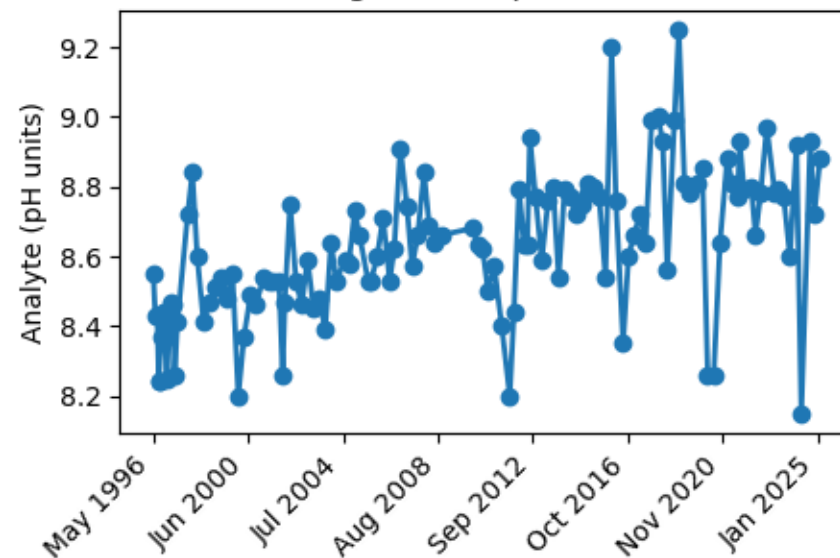


Figure 14c. Specific Conductance, Field

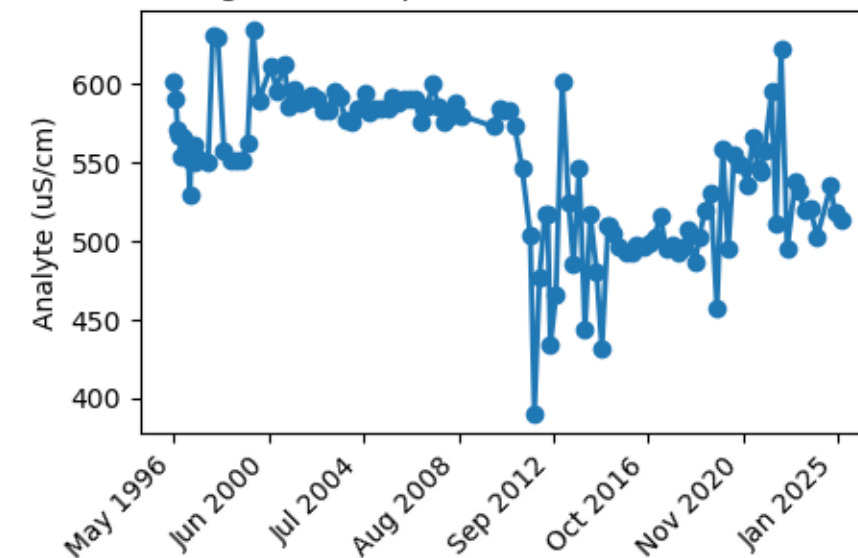


Figure 14d. Magnesium

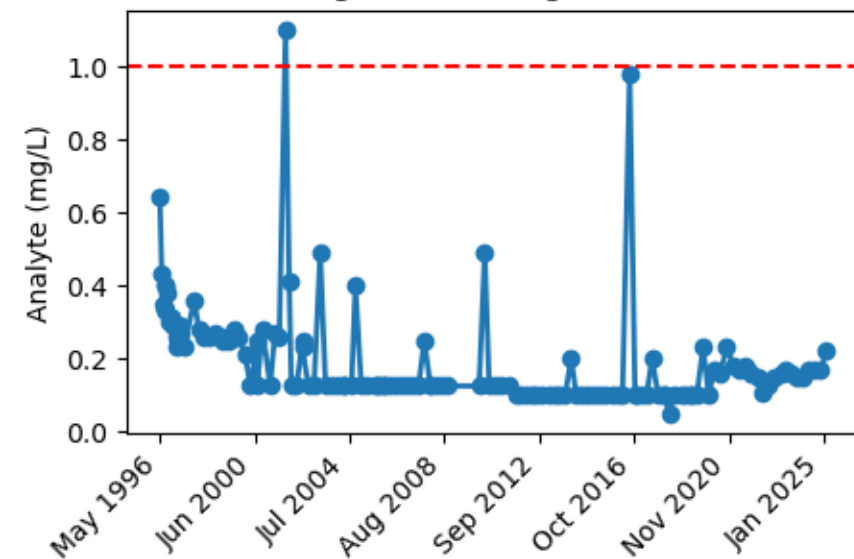


Figure 14e. Sulfate

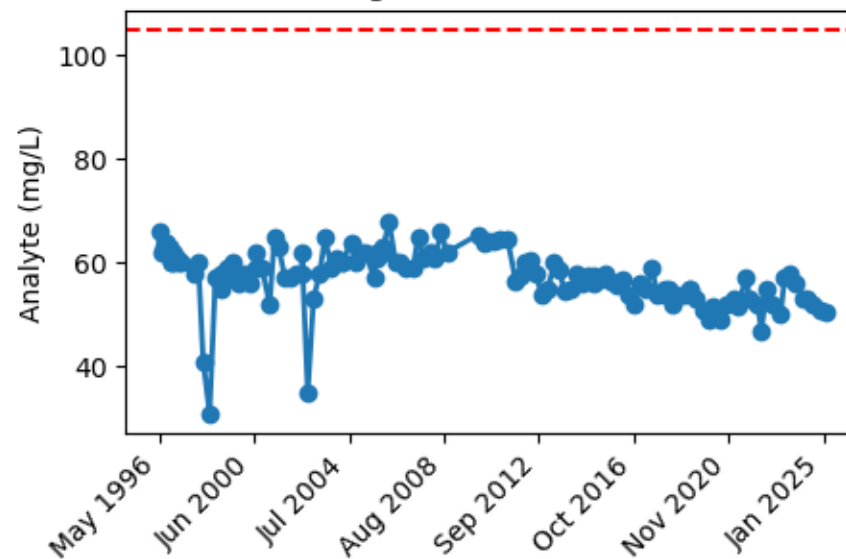


Figure 14f. Fluoride

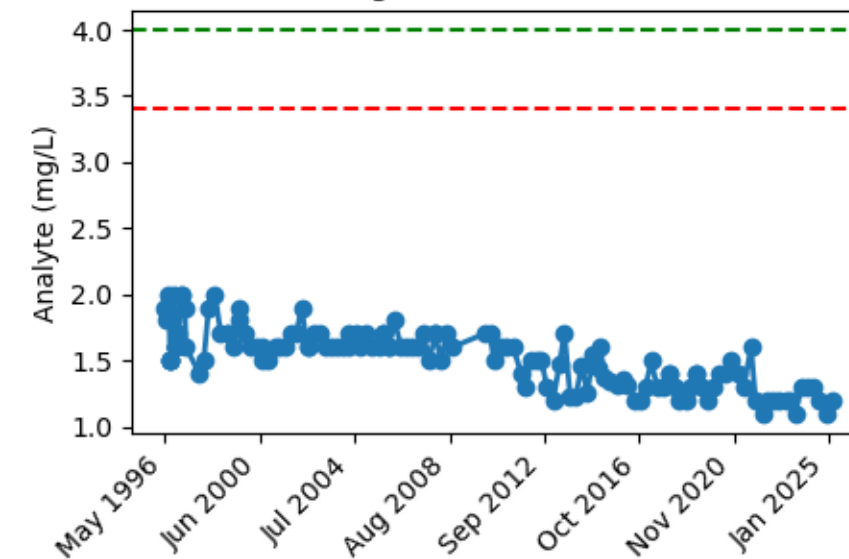
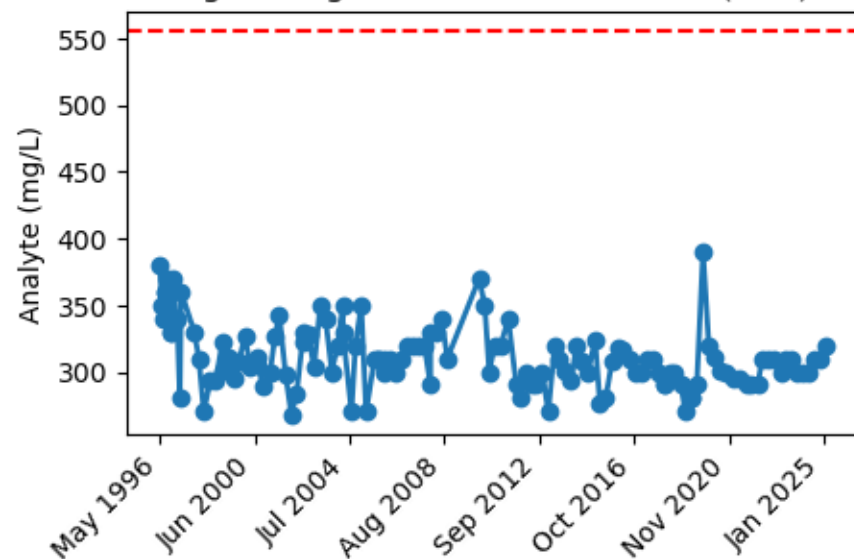


Figure 14g. Total Dissolved Solids (TDS)



--- AL (APP & UIC)
 —●— Analyte
 --- AQL (APP & UIC)

Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

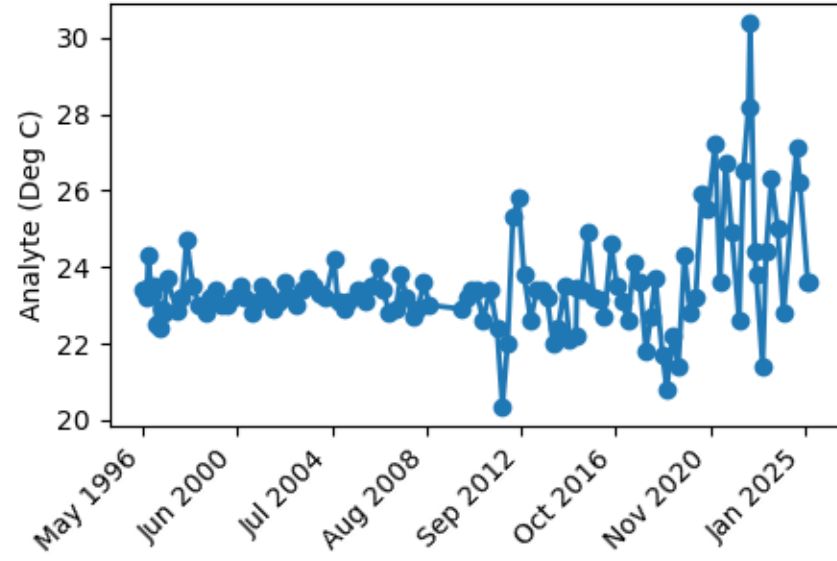


Figure 15b. pH, Field

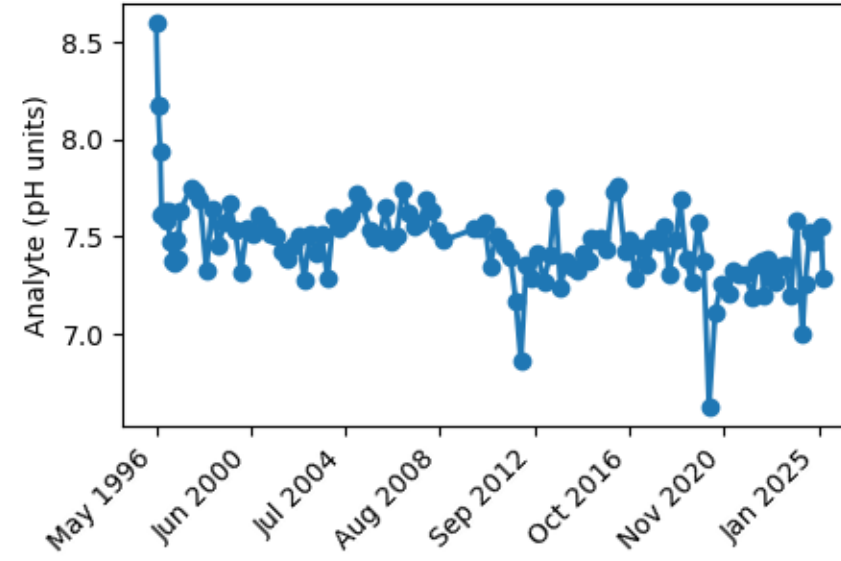


Figure 15c. Specific Conductance, Field

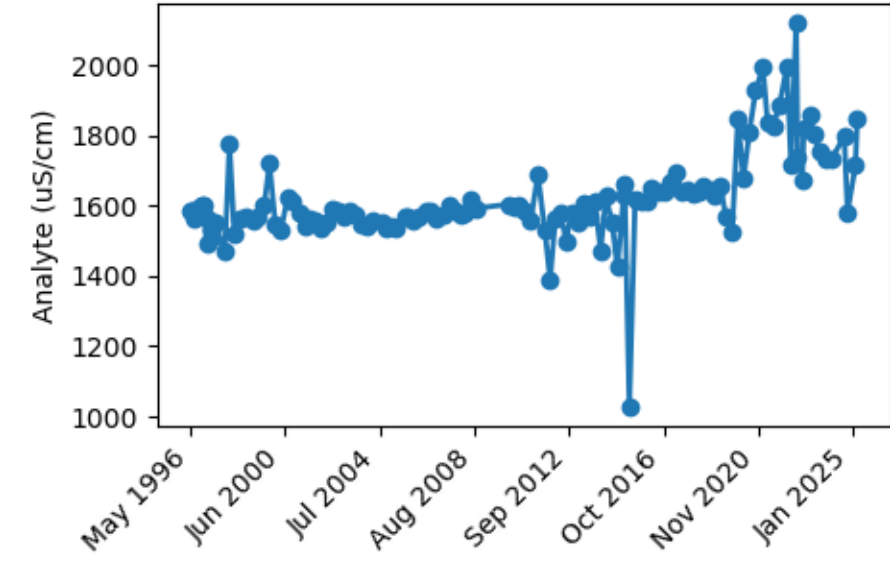


Figure 15d. Magnesium

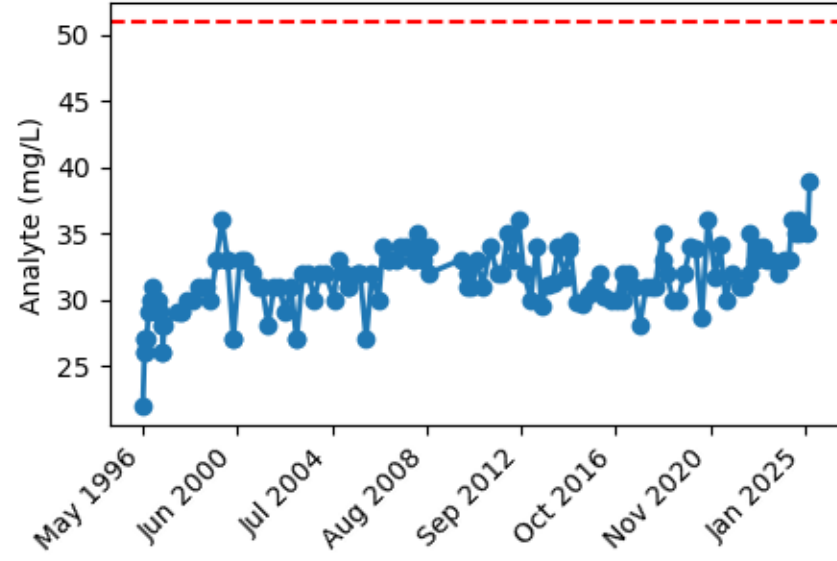


Figure 15e. Sulfate

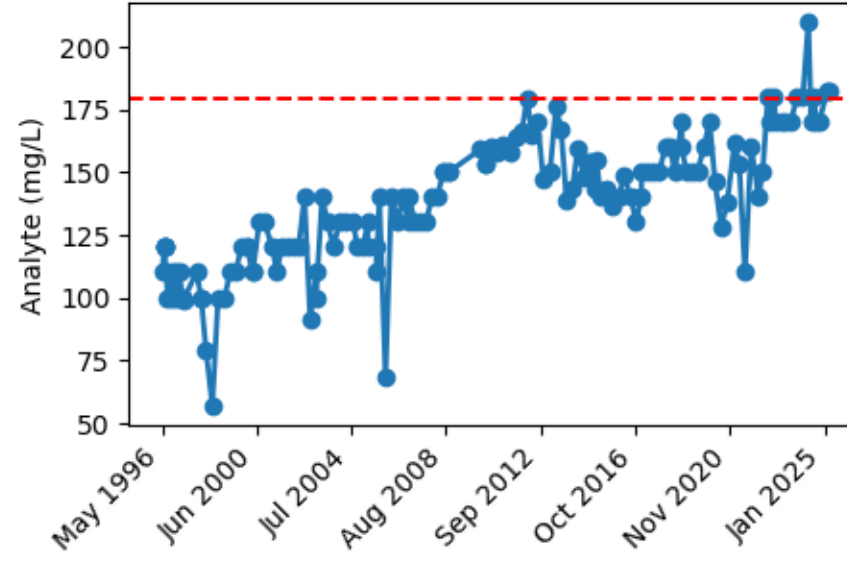


Figure 15f. Fluoride

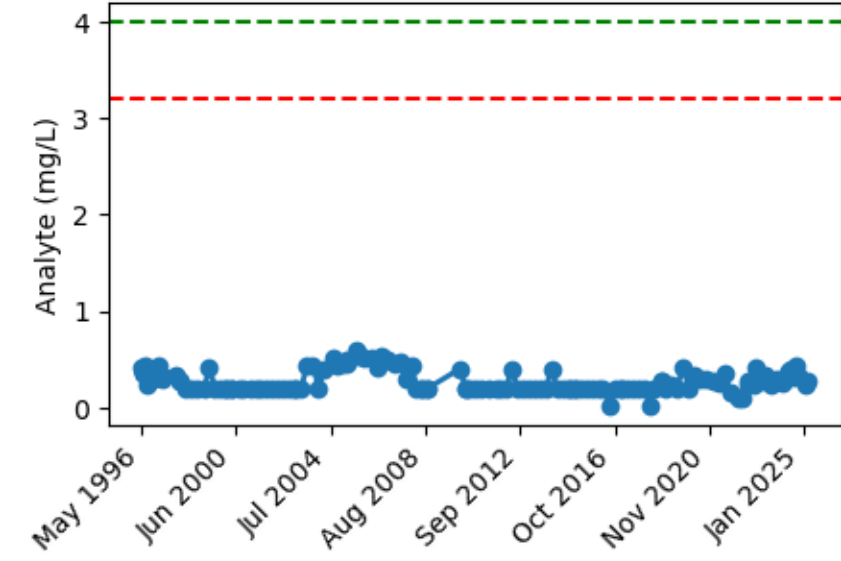
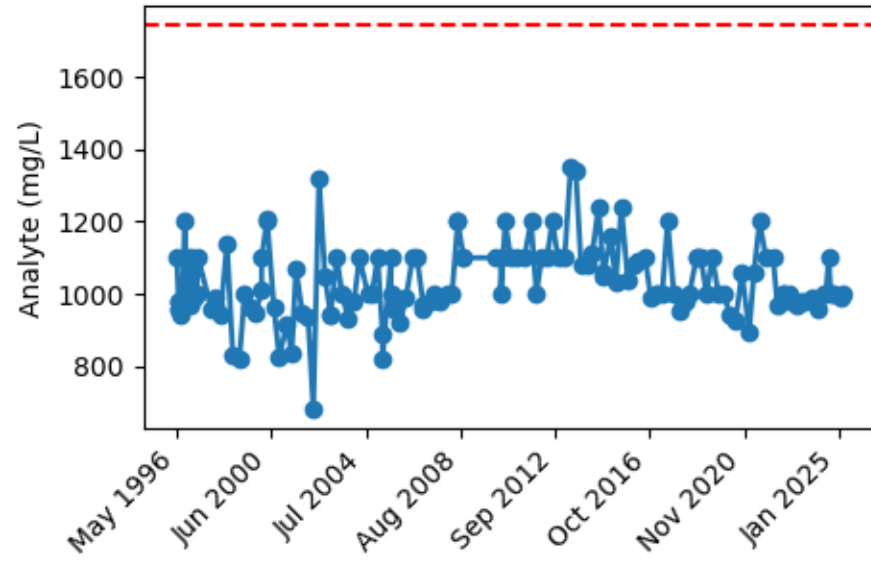


Figure 15g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

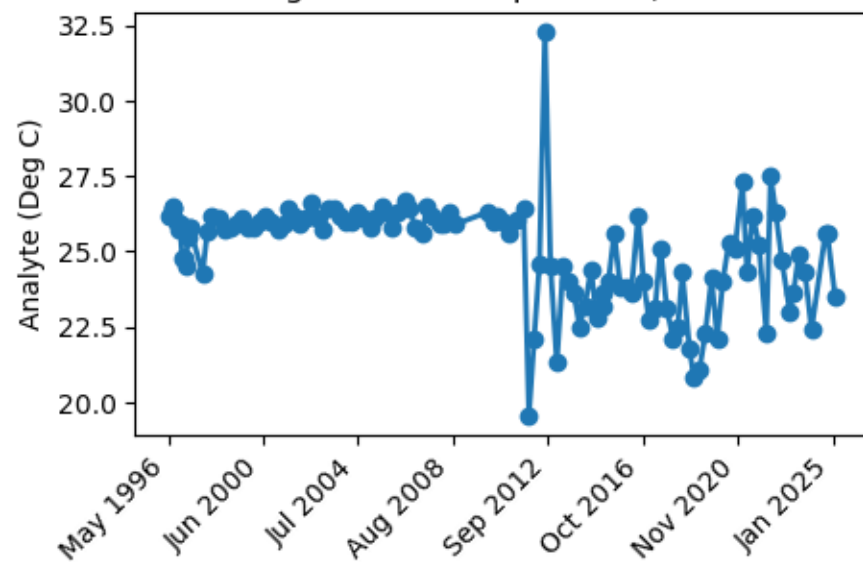


Figure 16b. pH, Field

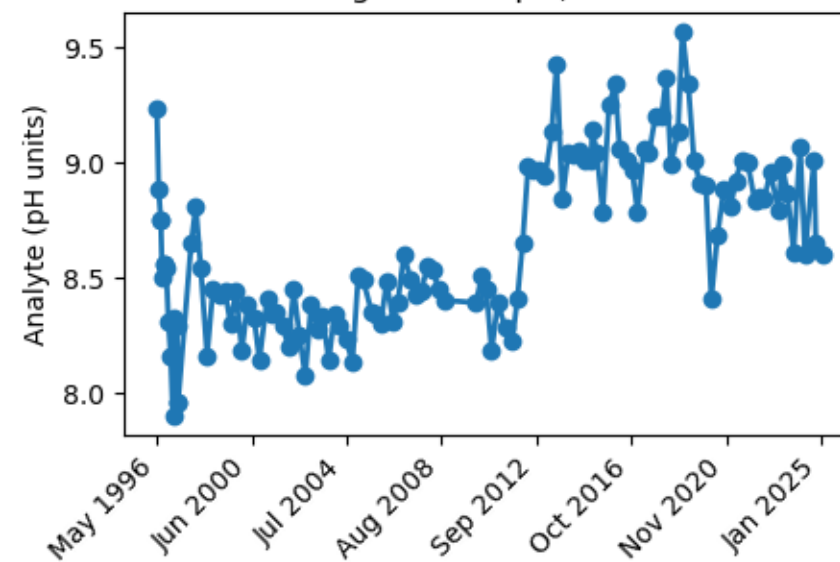


Figure 16c. Specific Conductance, Field

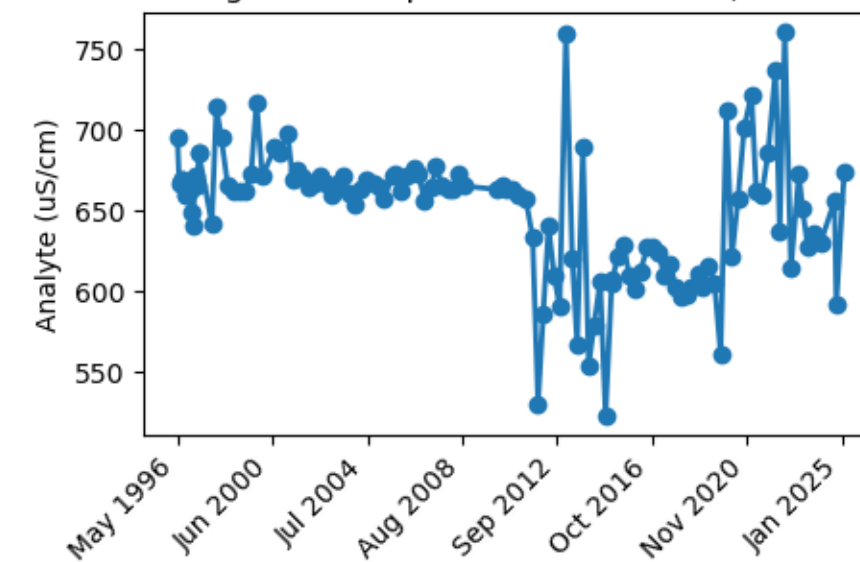


Figure 16d. Magnesium

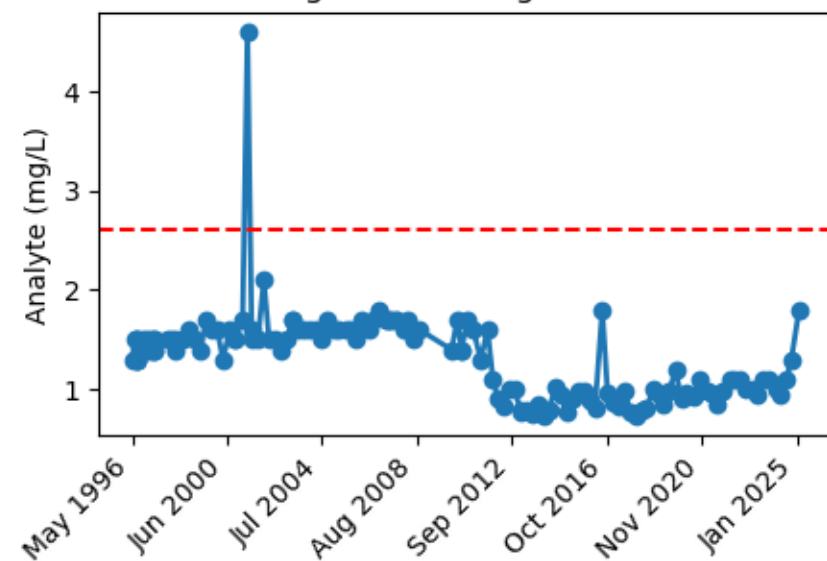


Figure 16e. Sulfate

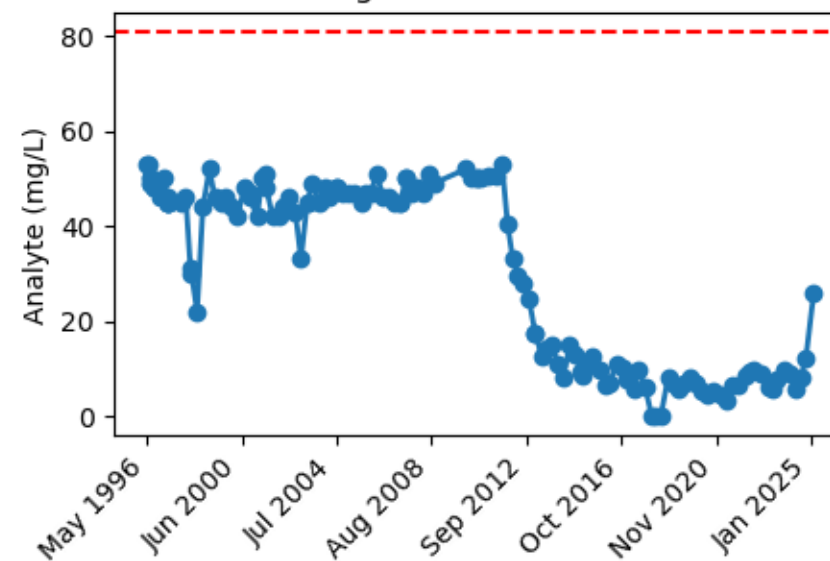


Figure 16f. Fluoride

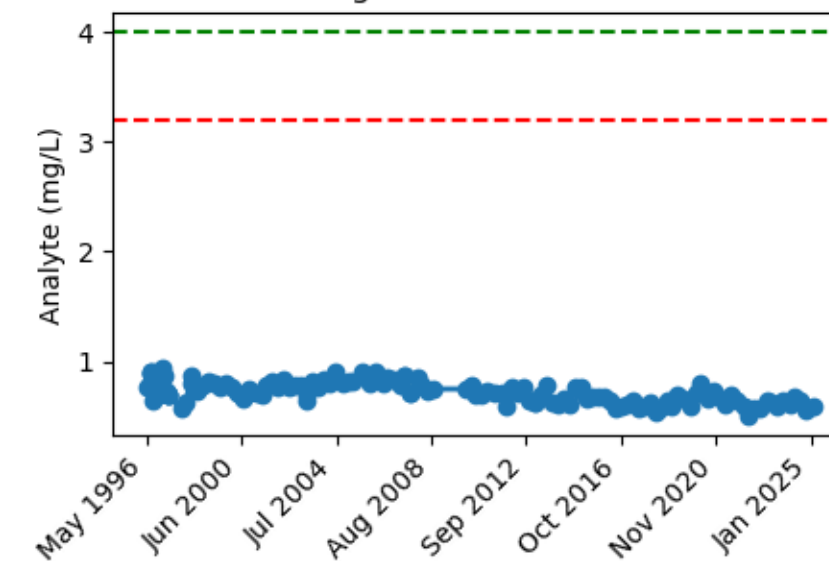
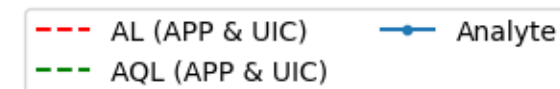
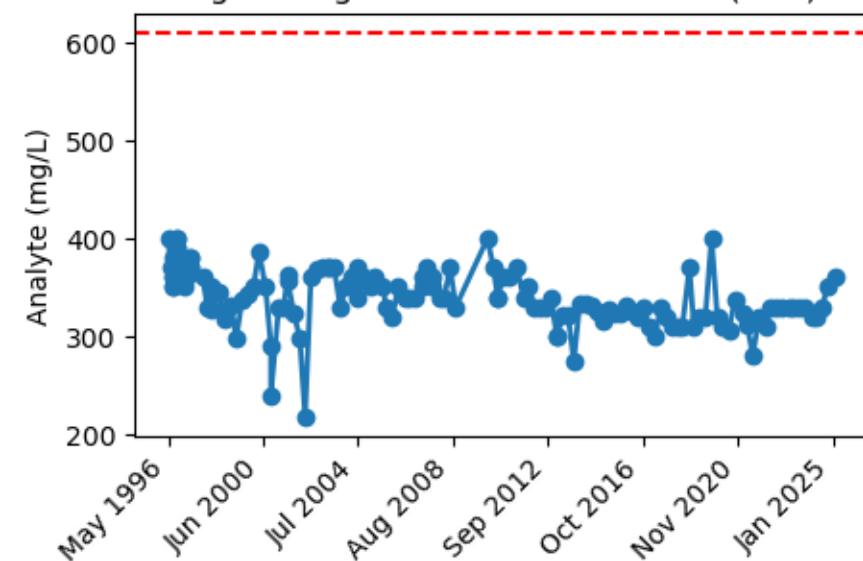


Figure 16g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

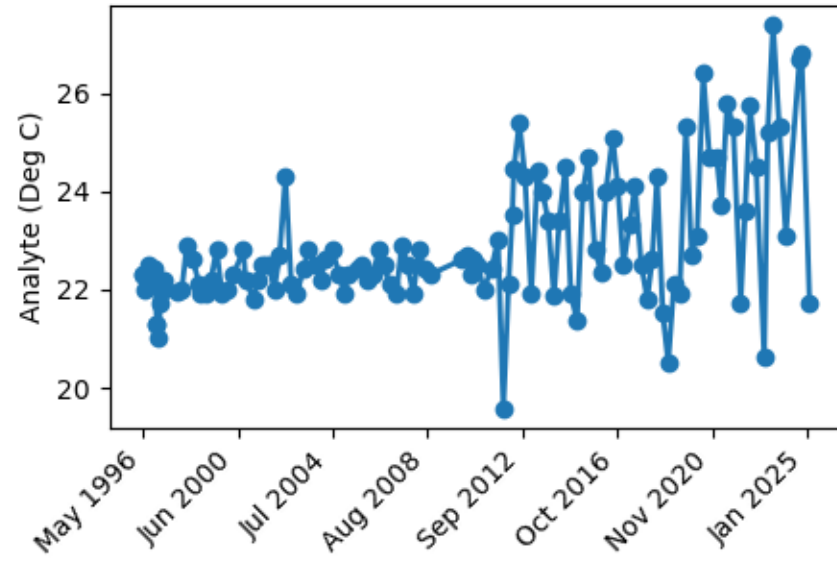


Figure 17b. pH, Field

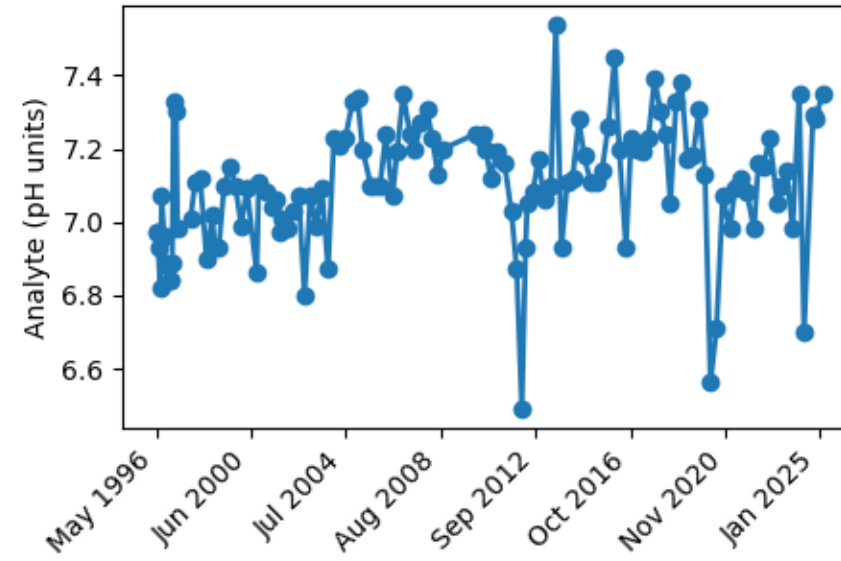


Figure 17c. Specific Conductance, Field

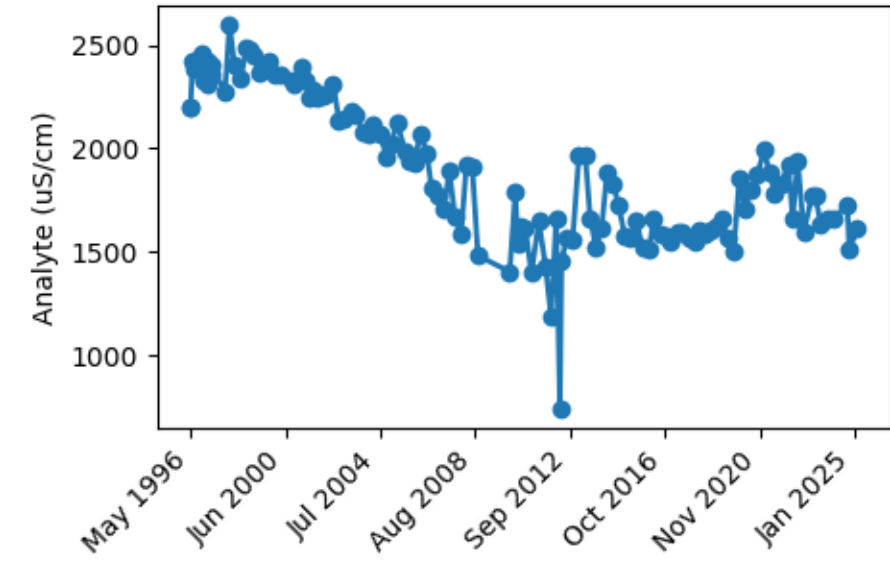


Figure 17d. Magnesium

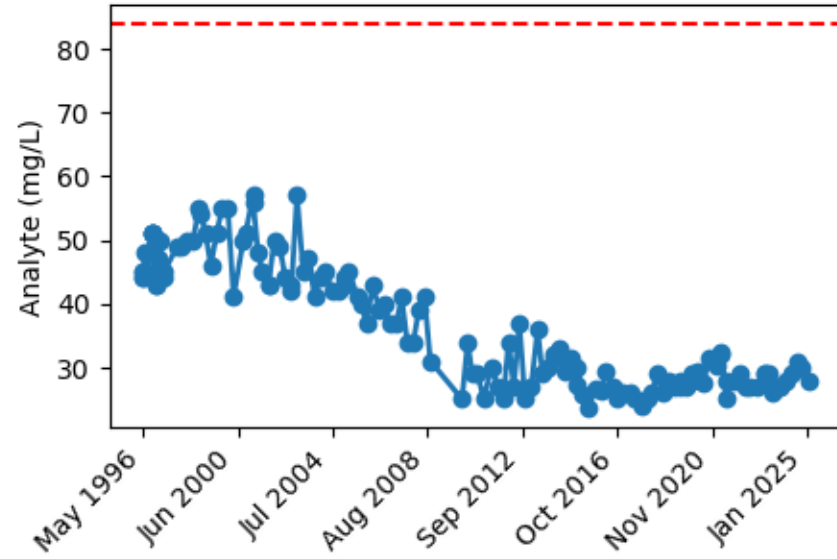


Figure 17e. Sulfate

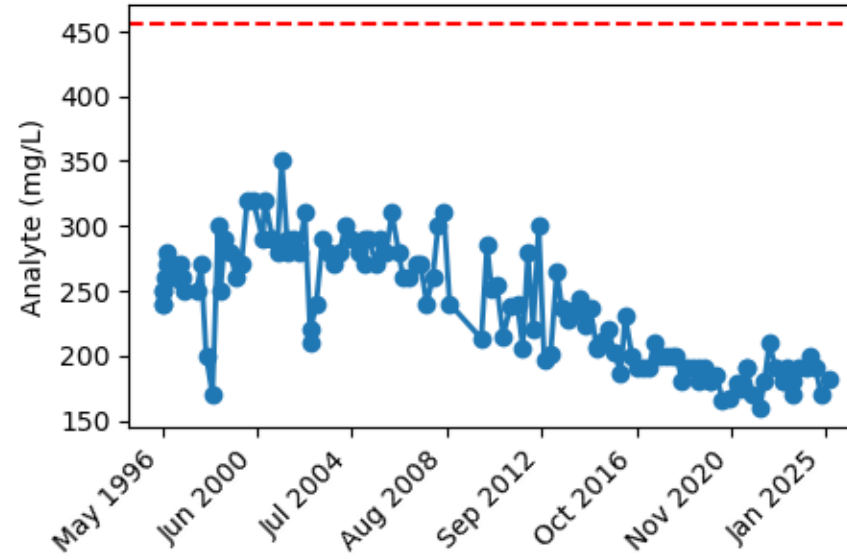


Figure 17f. Fluoride

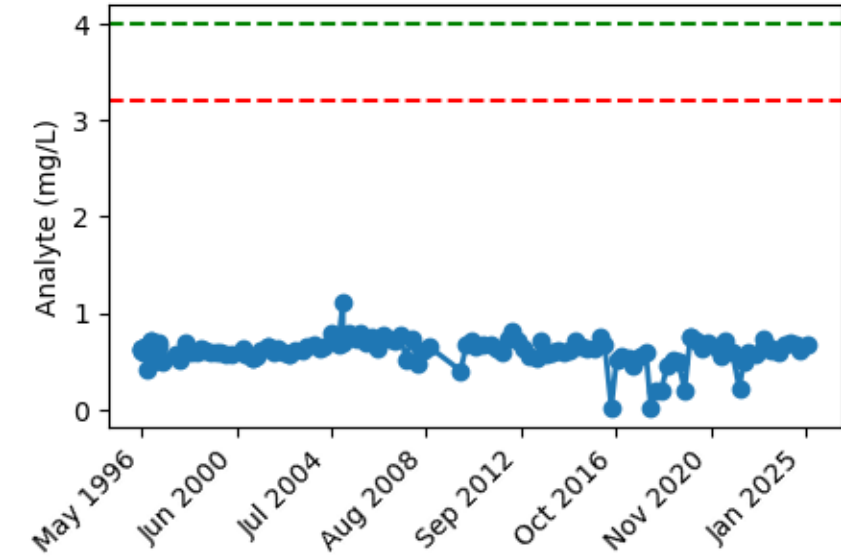
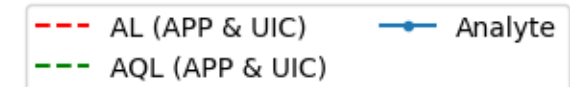
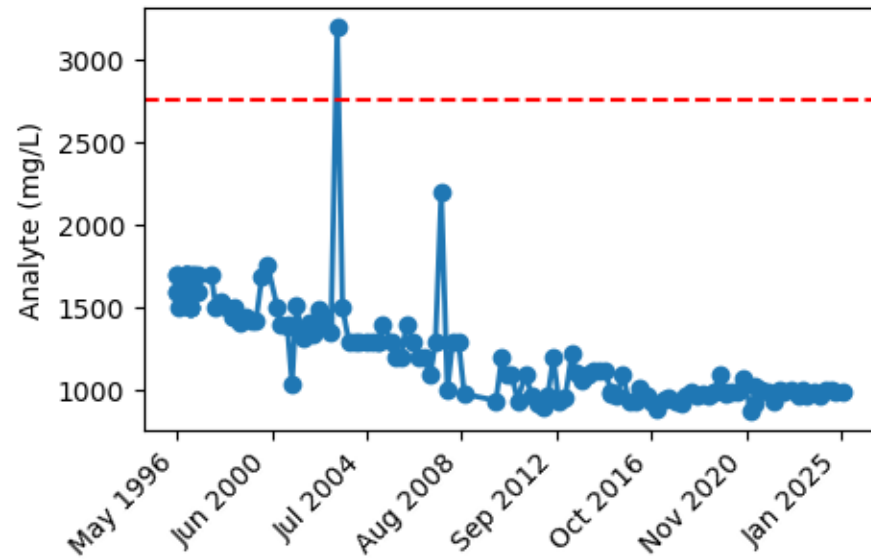


Figure 17g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

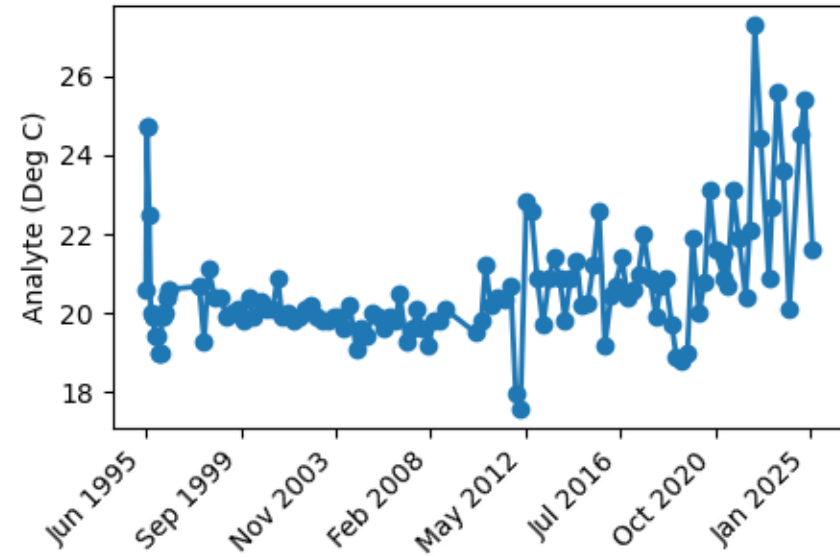


Figure 18b. pH, Field

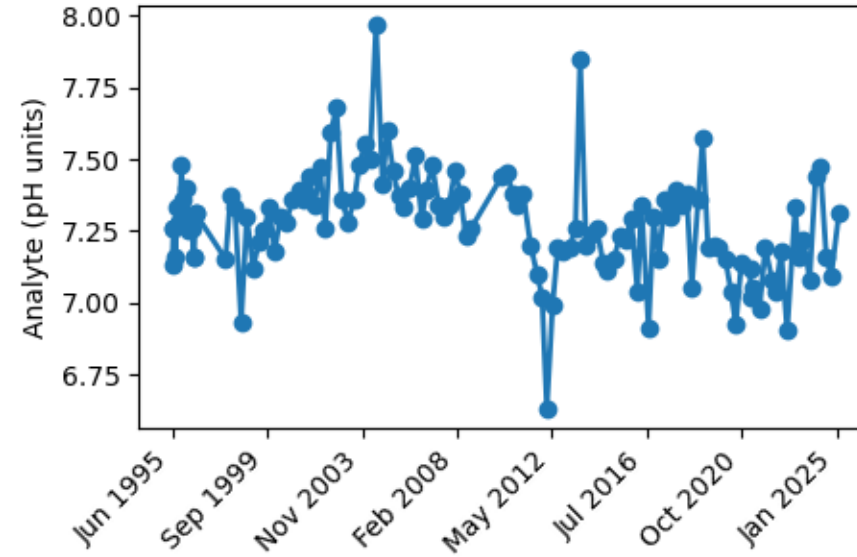


Figure 18c. Specific Conductance, Field

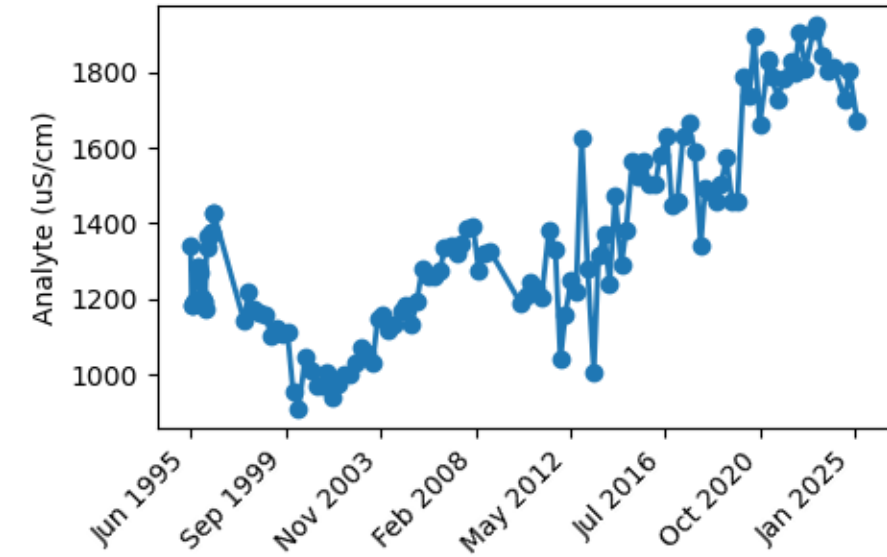


Figure 18d. Magnesium

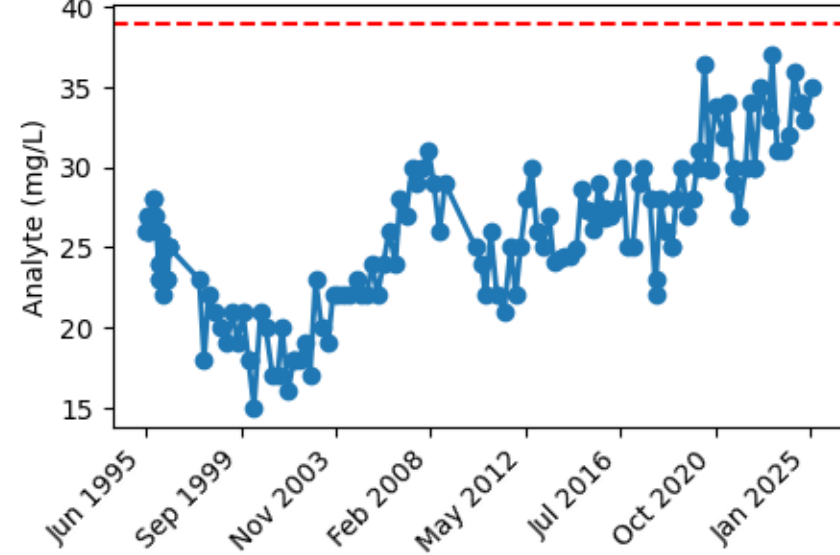


Figure 18e. Sulfate

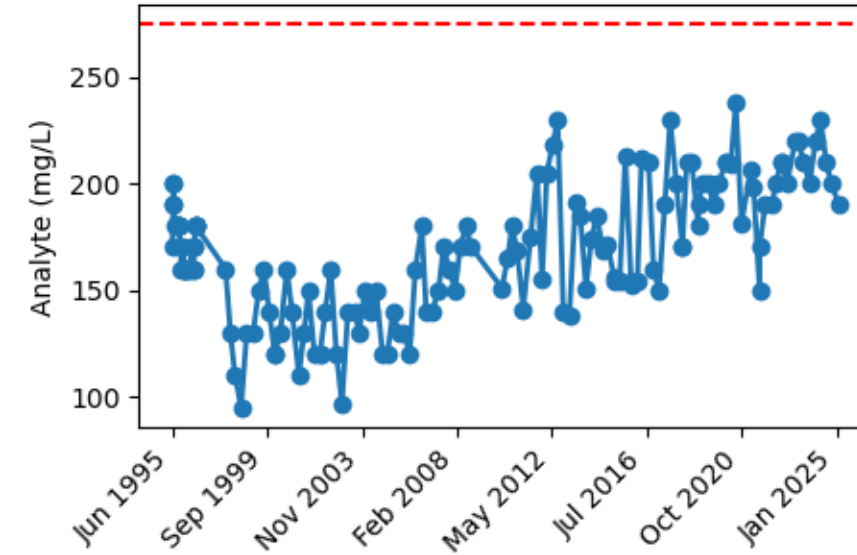


Figure 18f. Fluoride

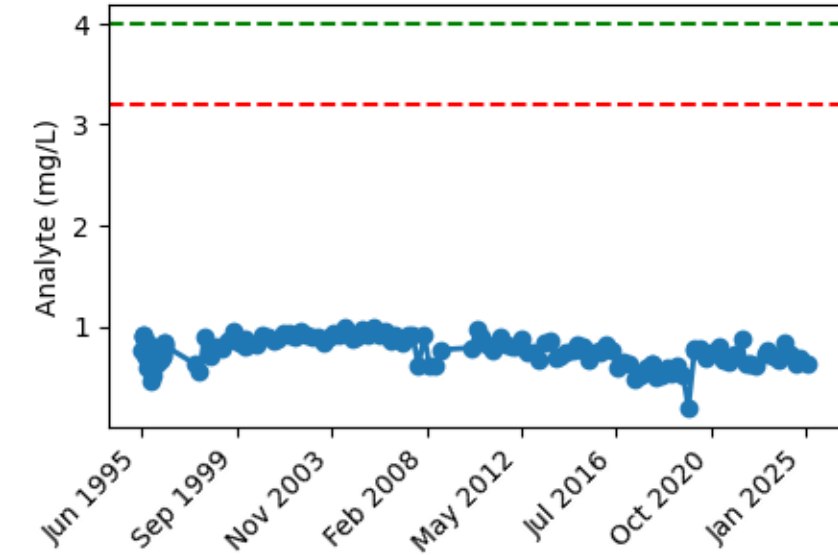
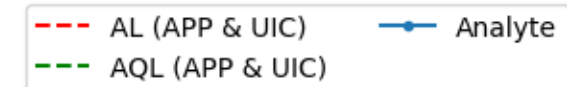
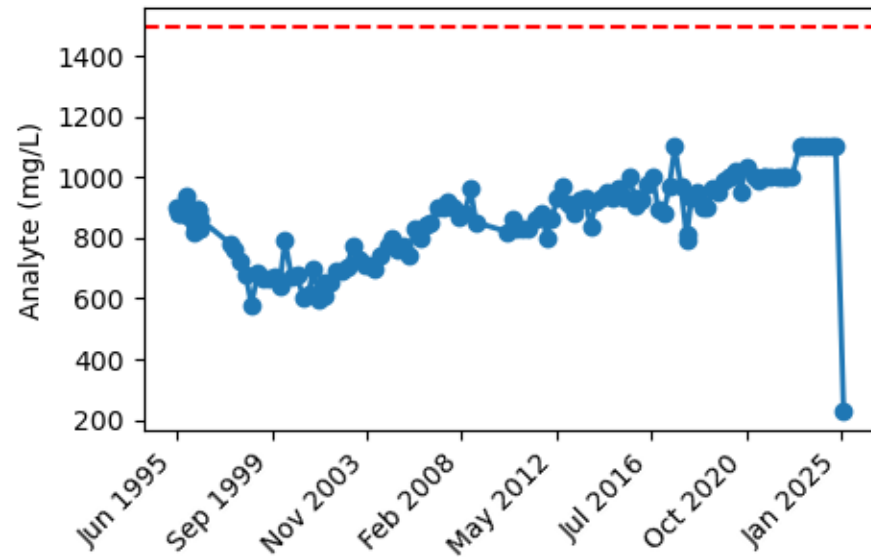


Figure 18g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

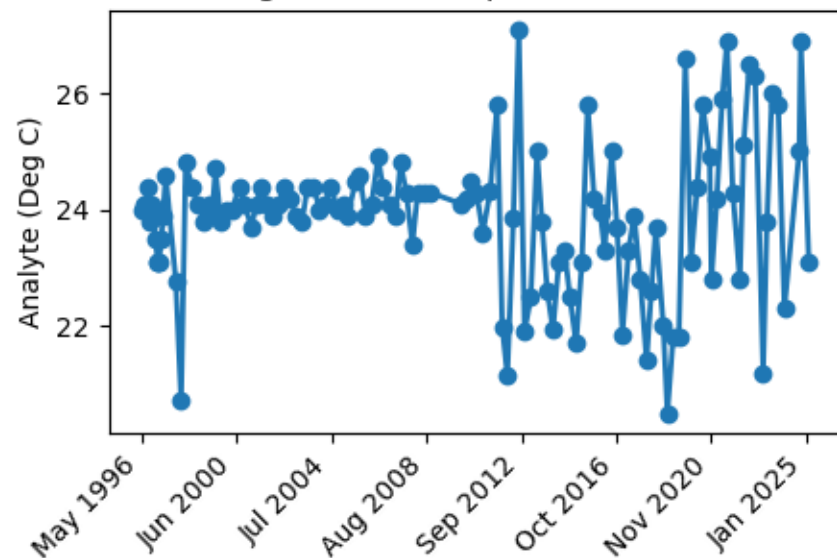


Figure 19b. pH, Field

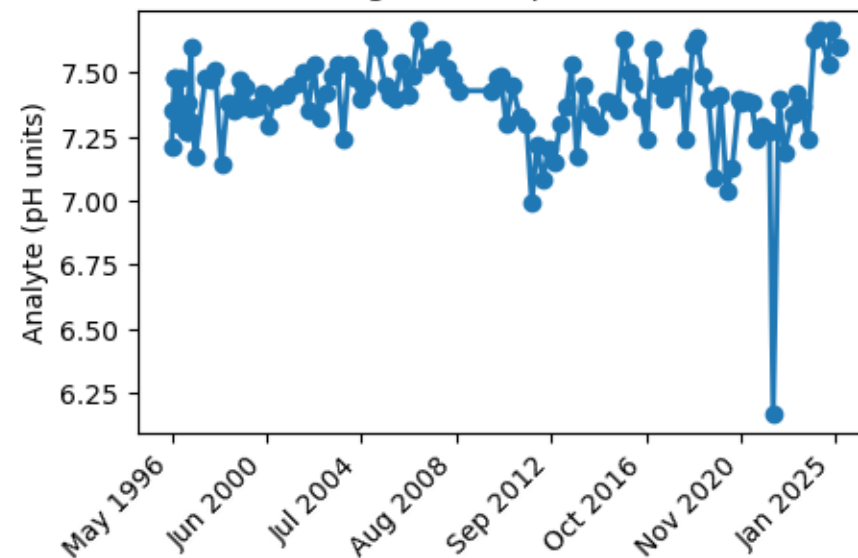


Figure 19c. Specific Conductance, Field

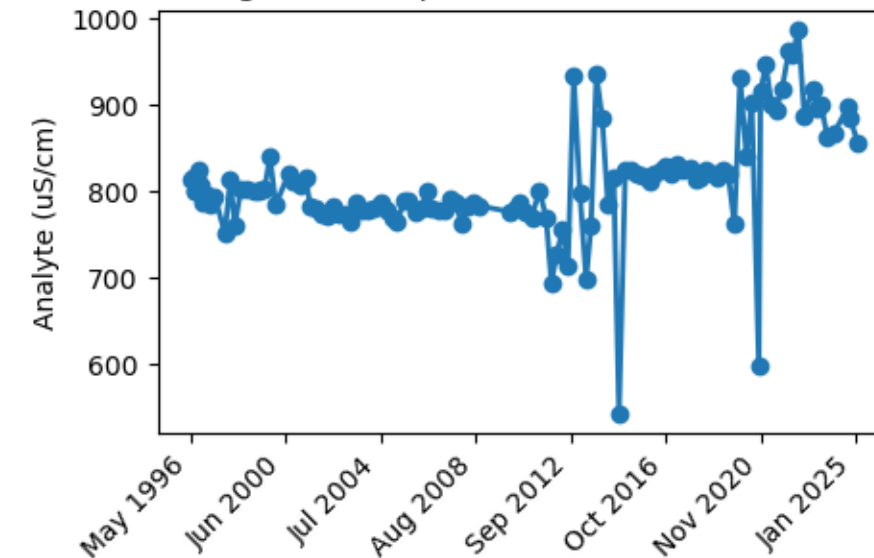


Figure 19d. Magnesium

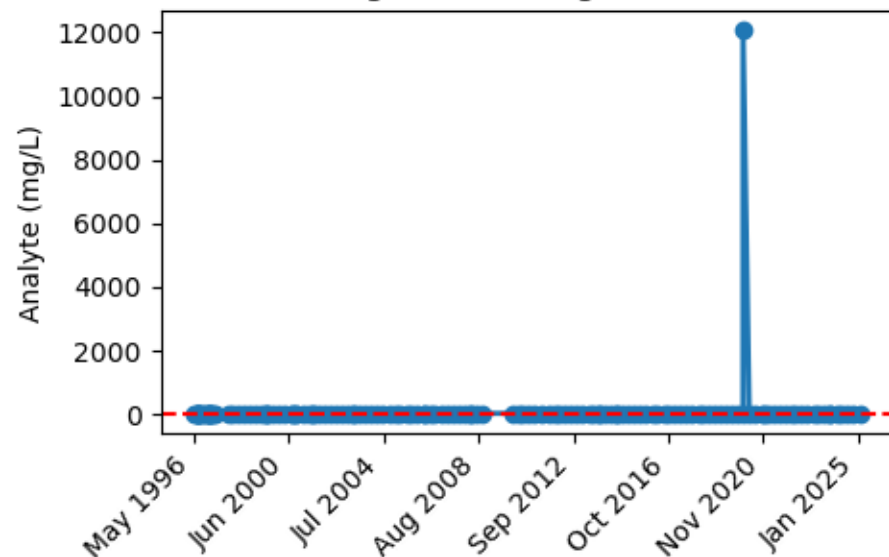


Figure 19e. Sulfate

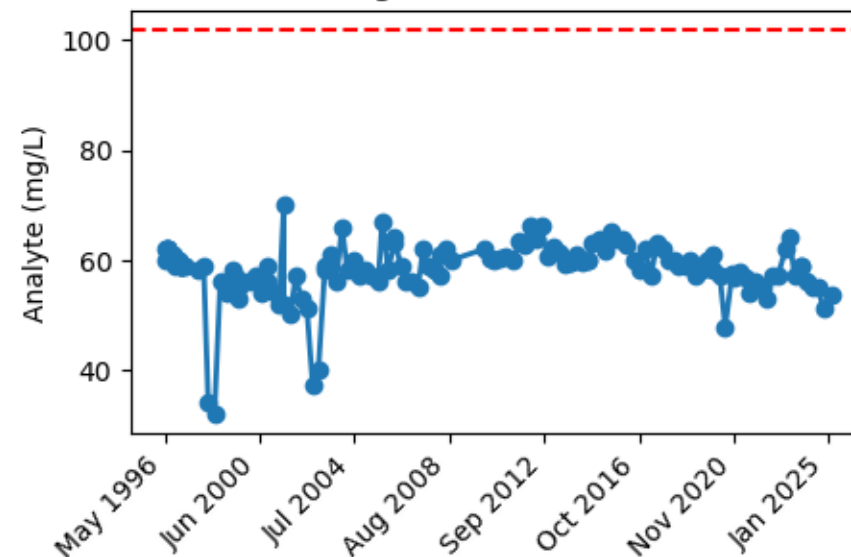


Figure 19f. Fluoride

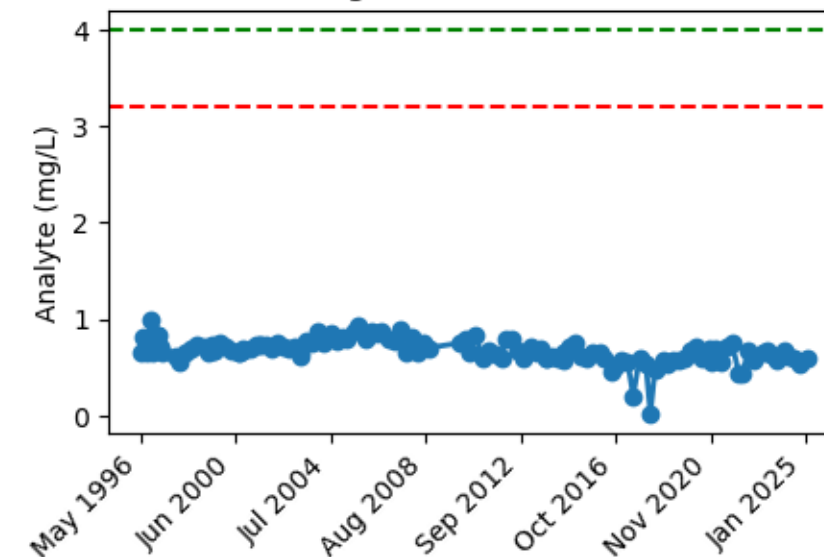
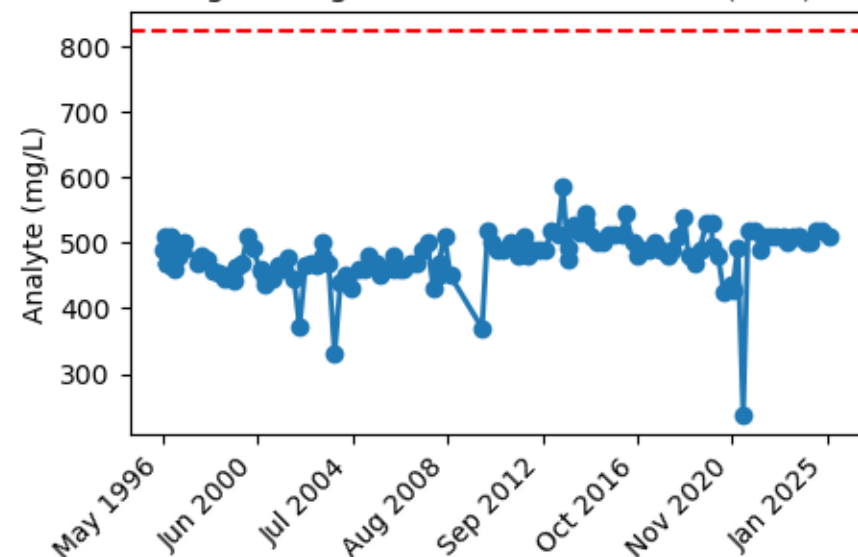


Figure 19g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

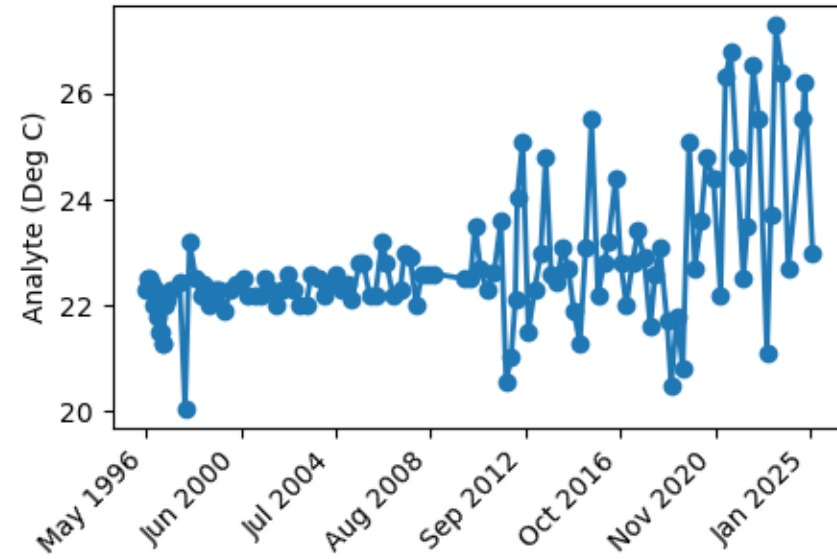


Figure 20b. pH, Field

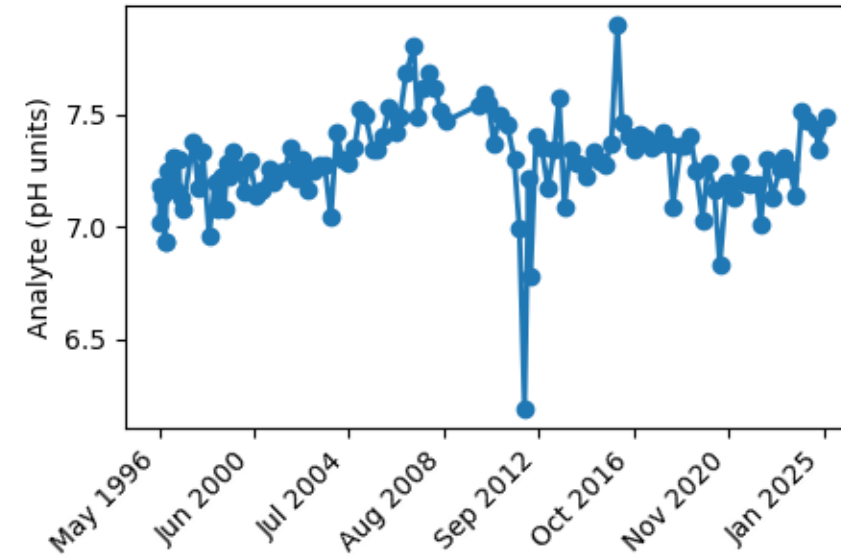


Figure 20c. Specific Conductance, Field

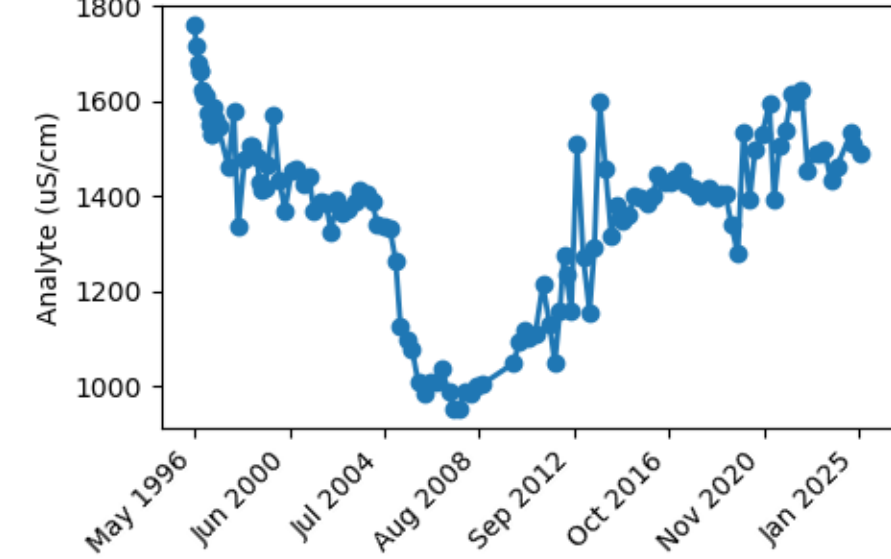


Figure 20d. Magnesium

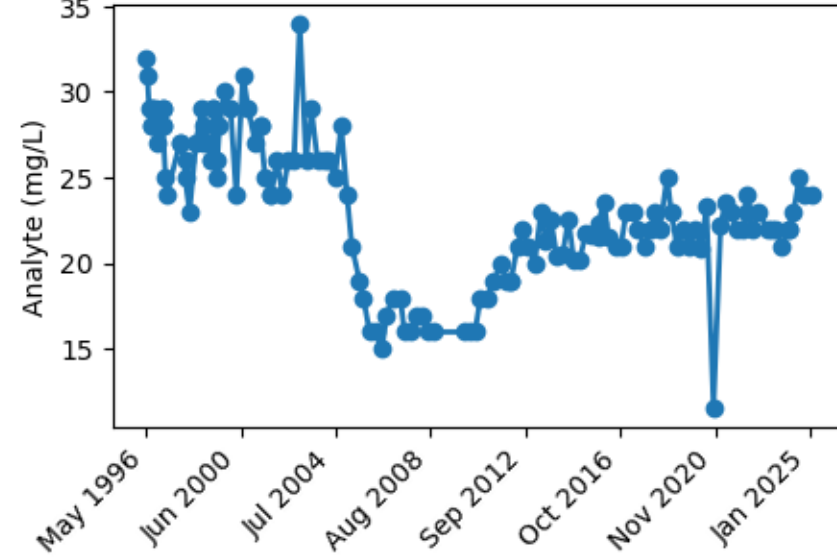


Figure 20e. Sulfate

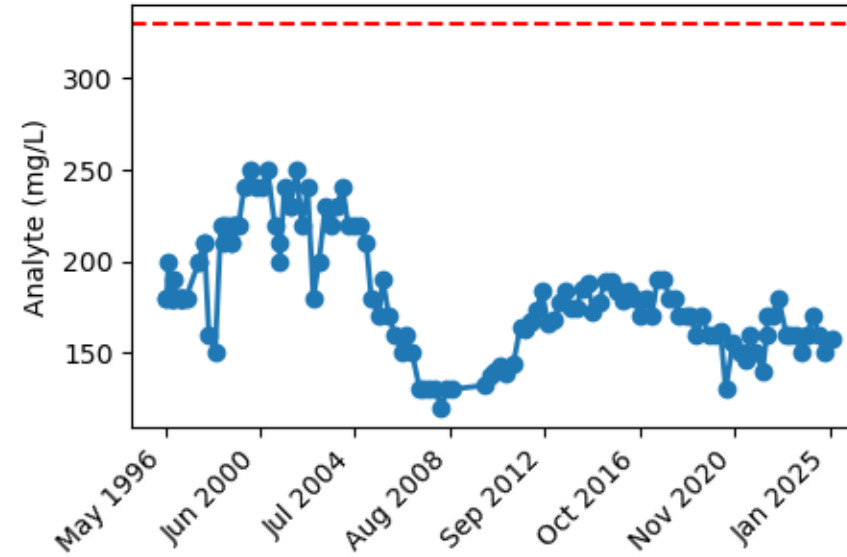


Figure 20f. Fluoride

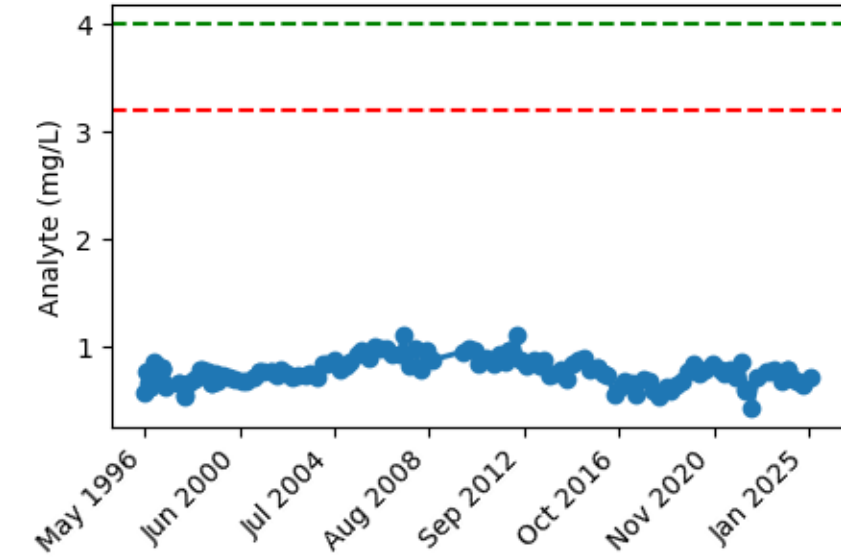
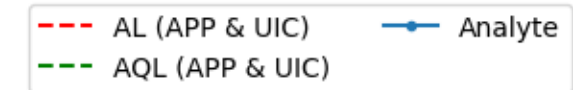
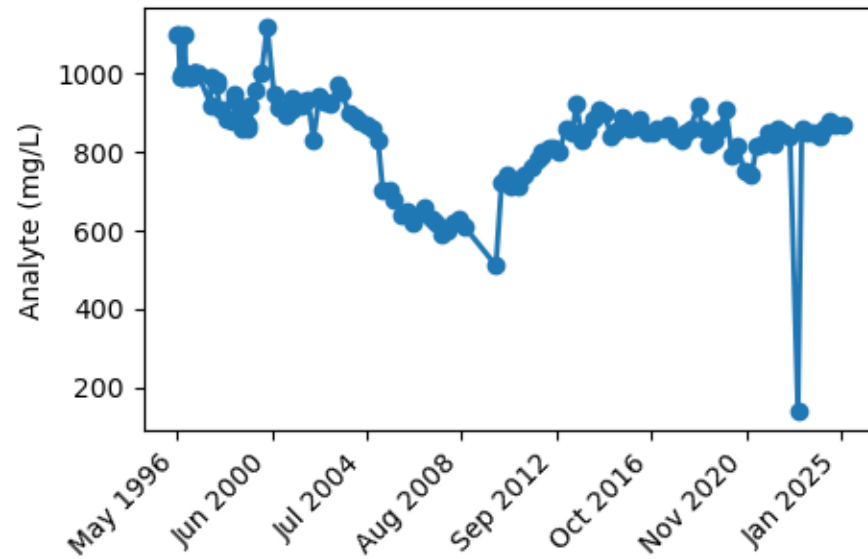


Figure 20g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

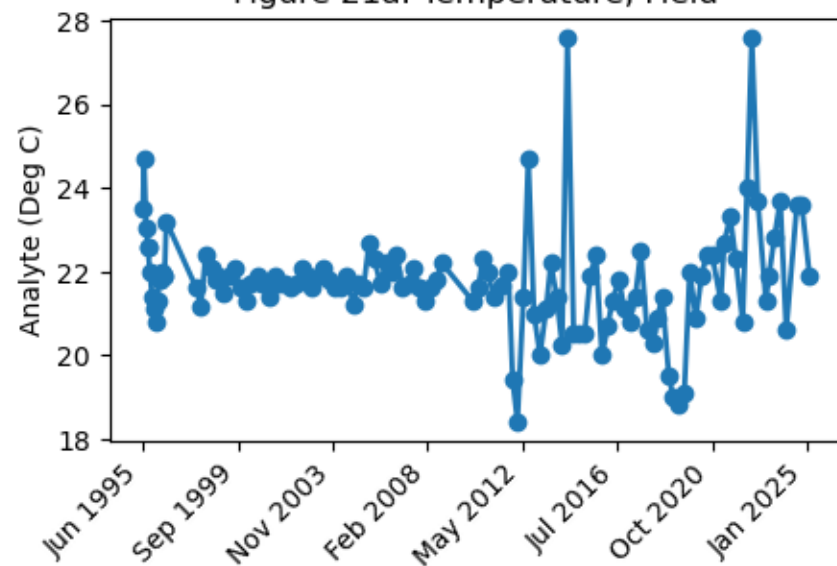


Figure 21b. pH, Field

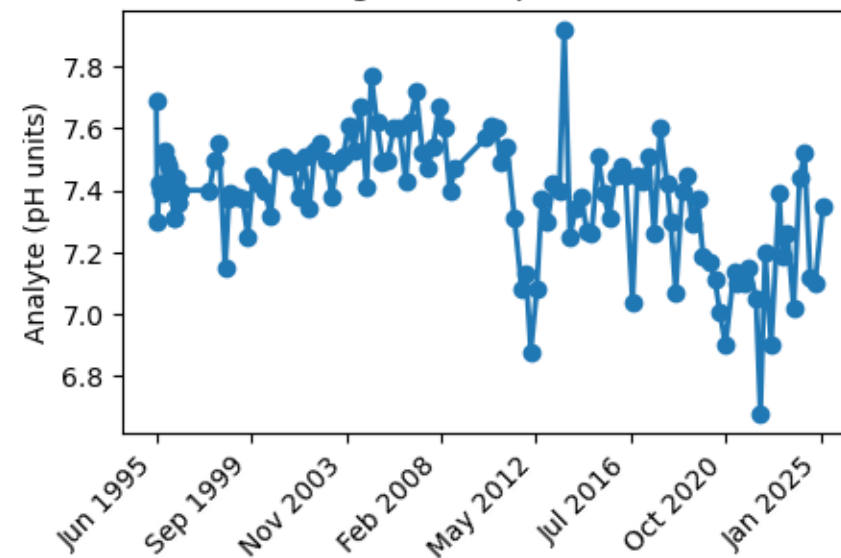


Figure 21c. Specific Conductance, Field

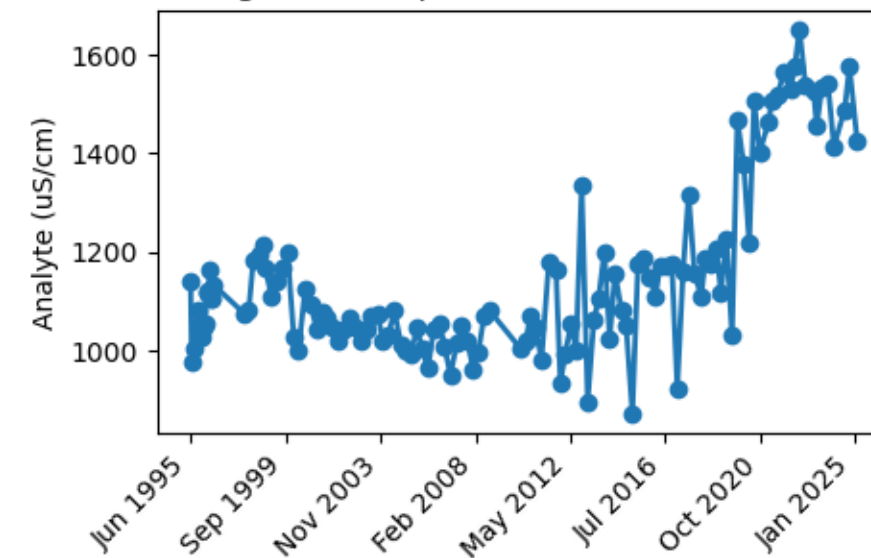


Figure 21d. Magnesium

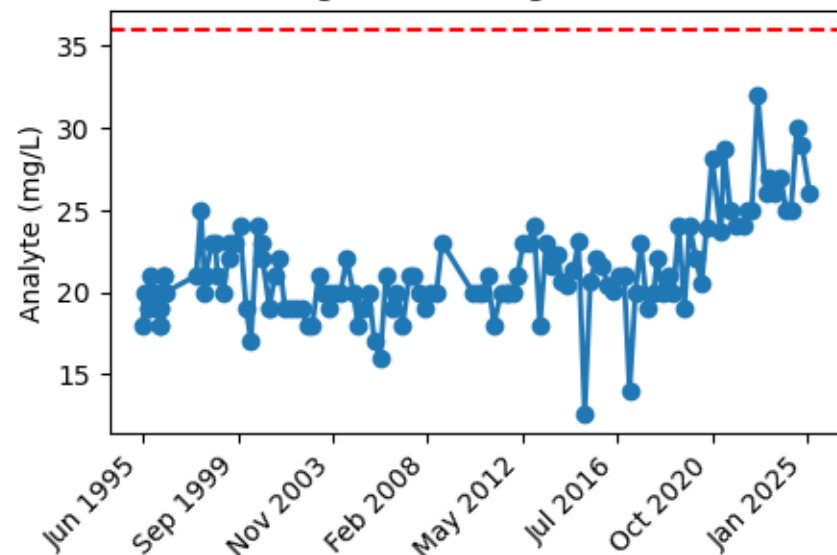


Figure 21e. Sulfate

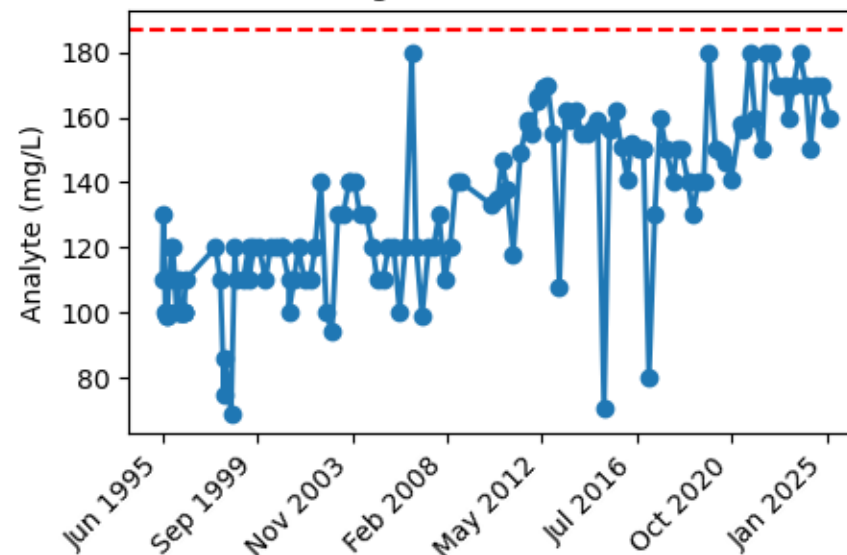


Figure 21f. Fluoride

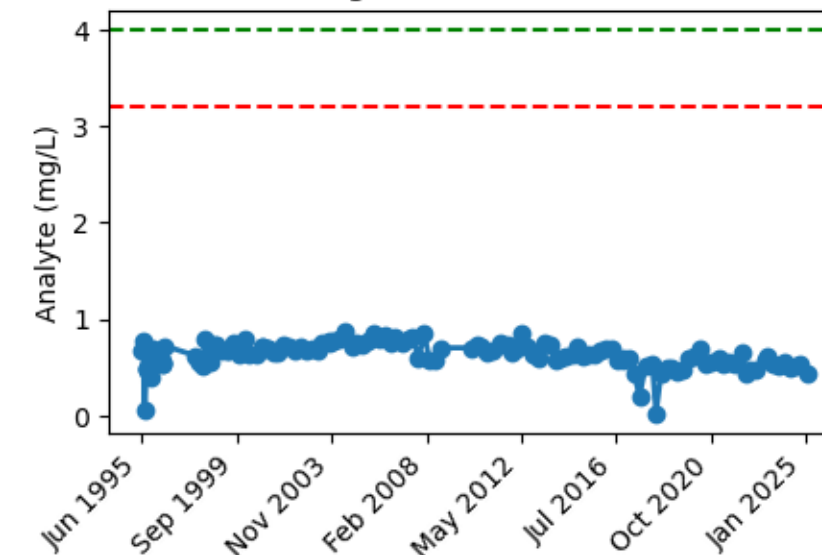
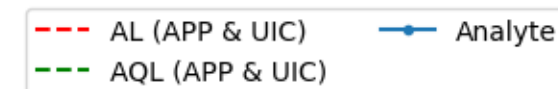
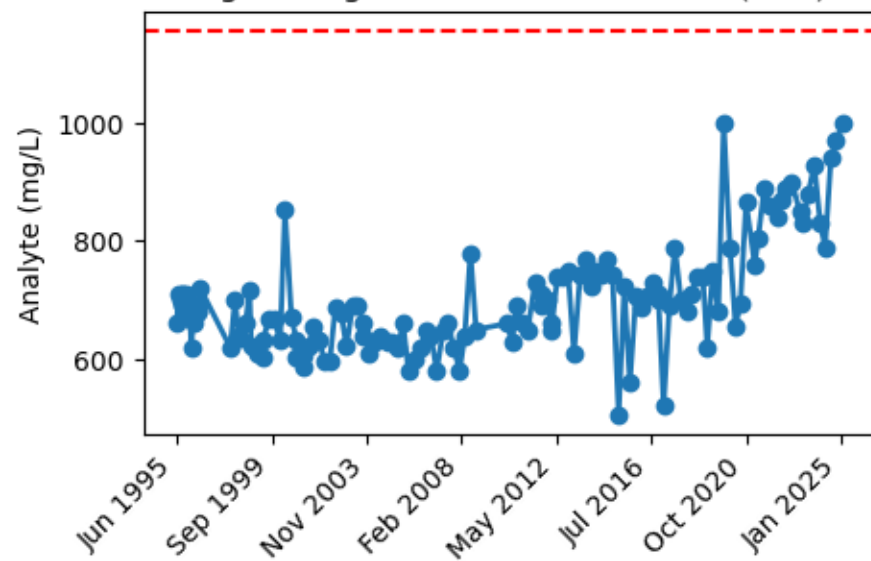


Figure 21g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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

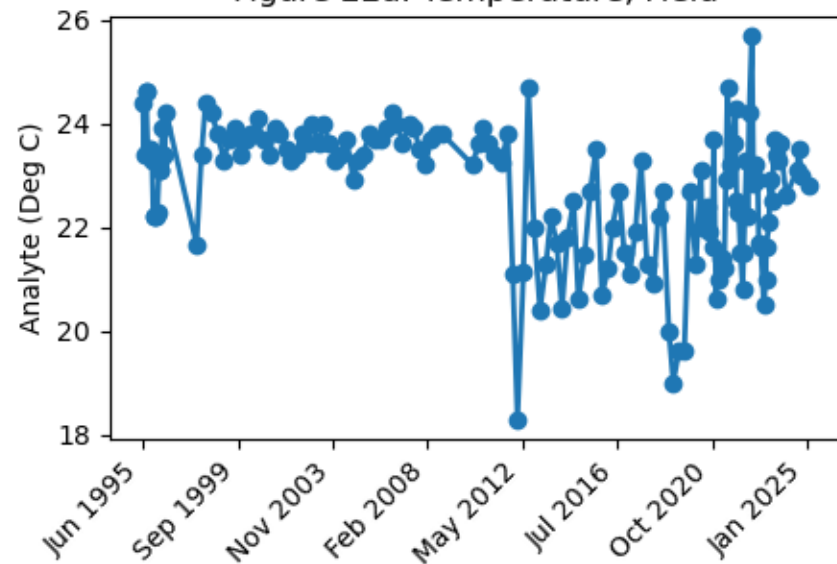


Figure 22b. pH, Field

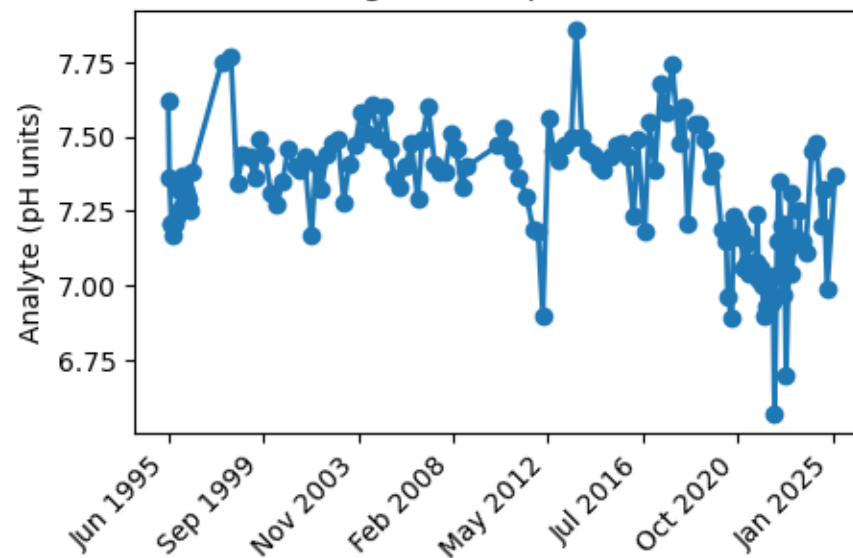


Figure 22c. Specific Conductance, Field

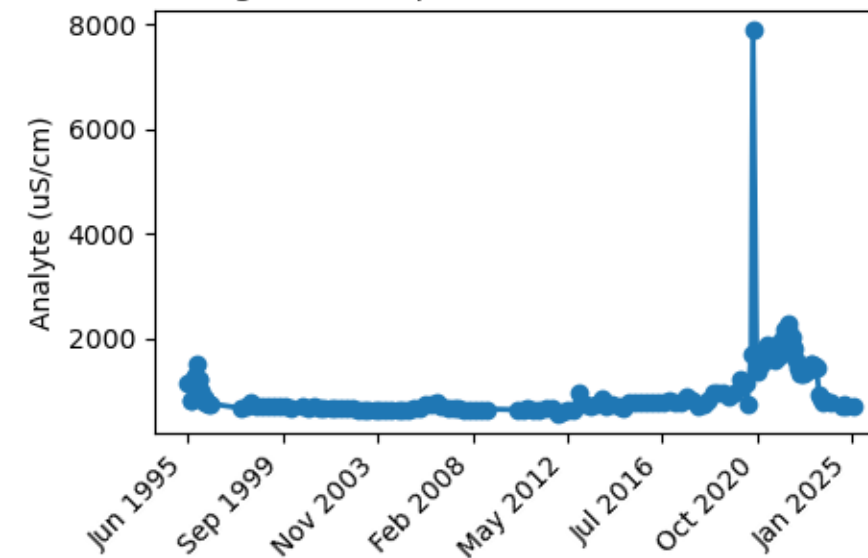


Figure 22d. Magnesium

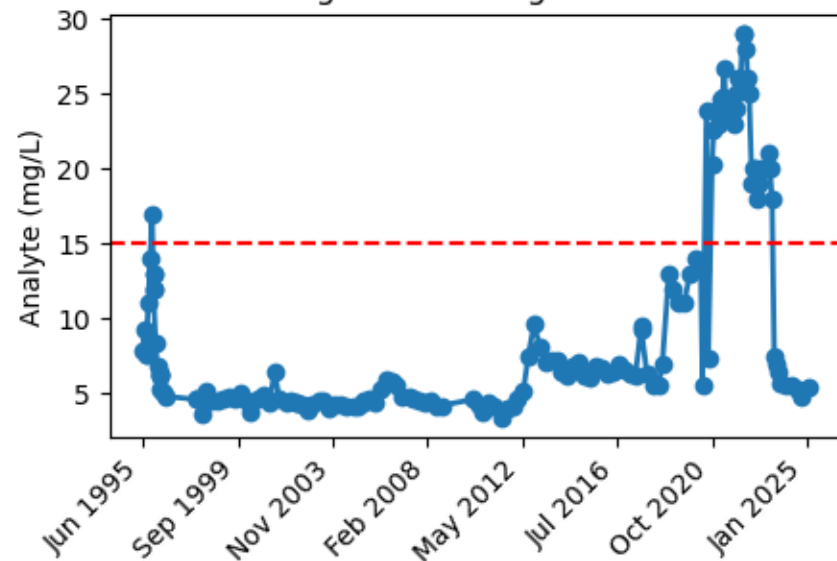


Figure 22e. Sulfate

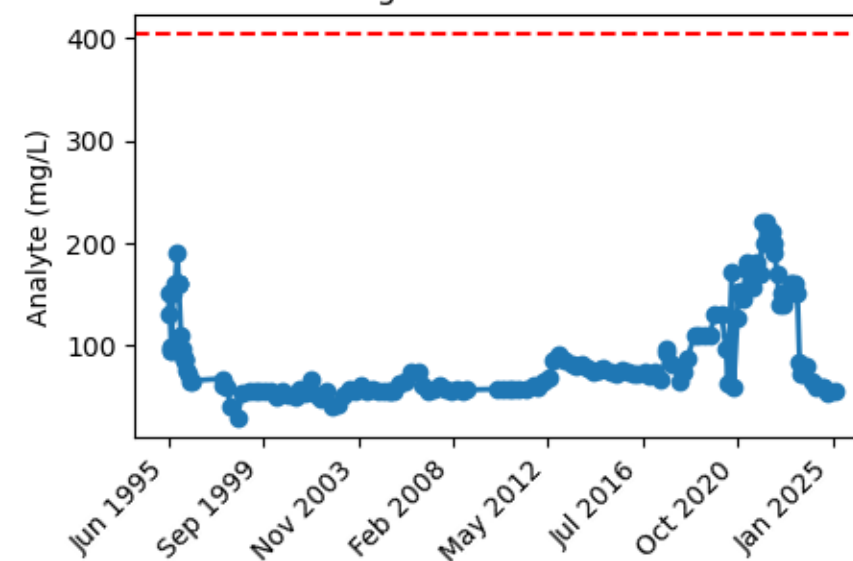


Figure 22f. Fluoride

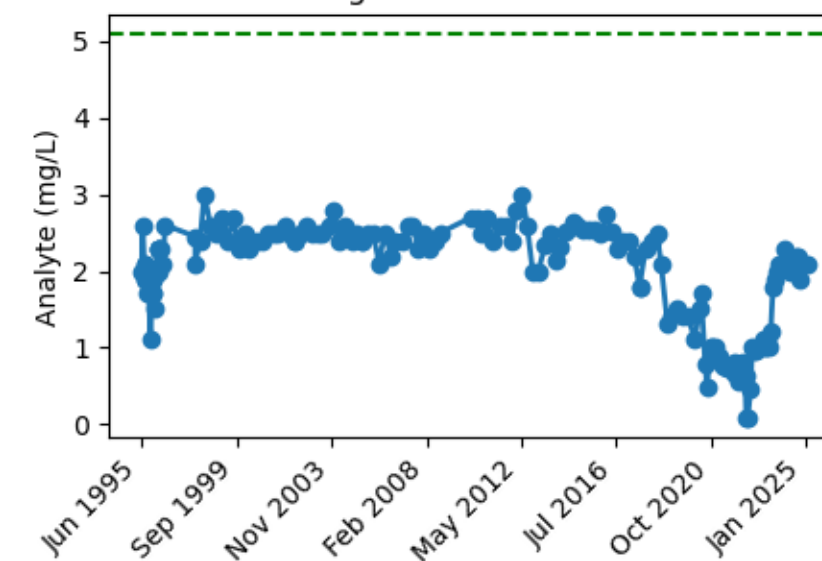
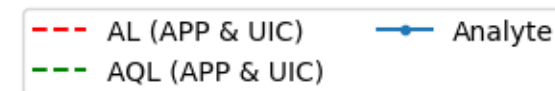
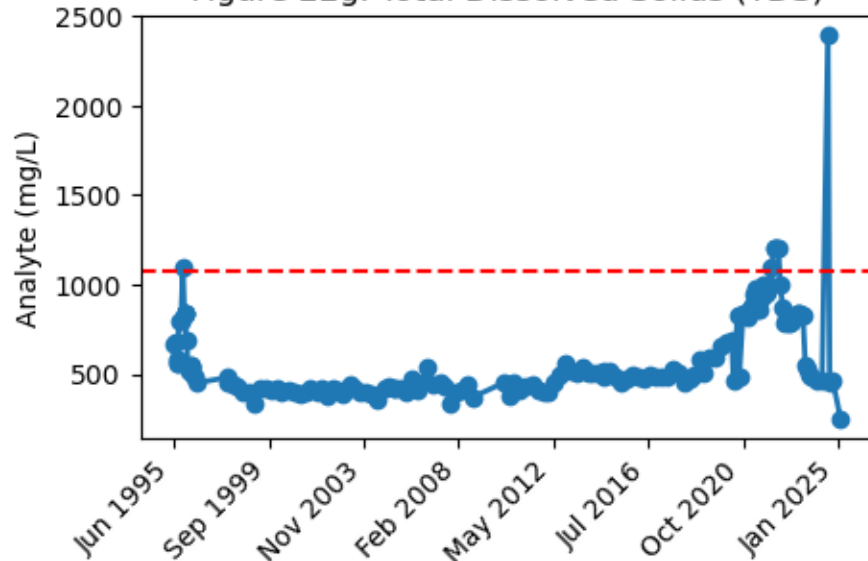


Figure 22g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

Non-detect results are represented as half the applicable reporting limit

mg/L = milligrams per Liter

uS/cm = microSiemens per centimeter

M52-UBF Quarterly Analyte Graphs

Figure 23a. Temperature, Field

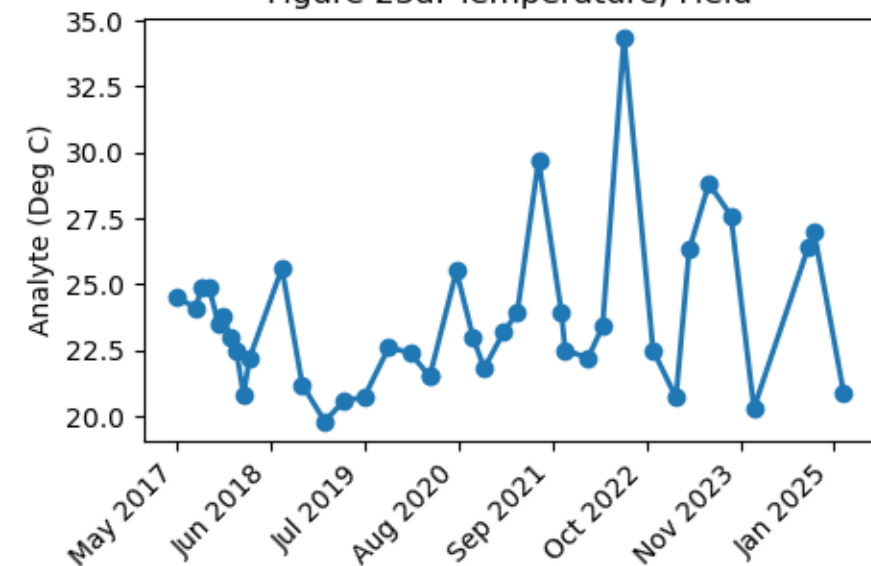


Figure 23b. pH, Field

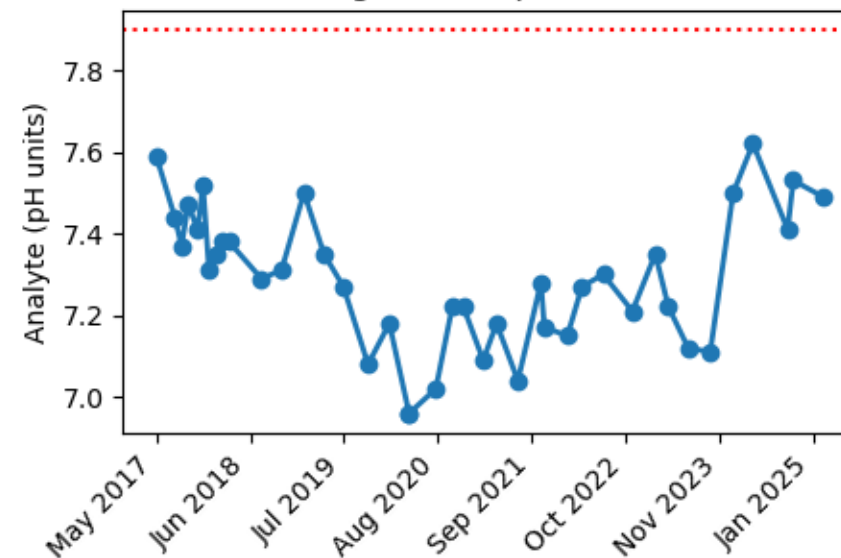


Figure 23c. Specific Conductance, Field

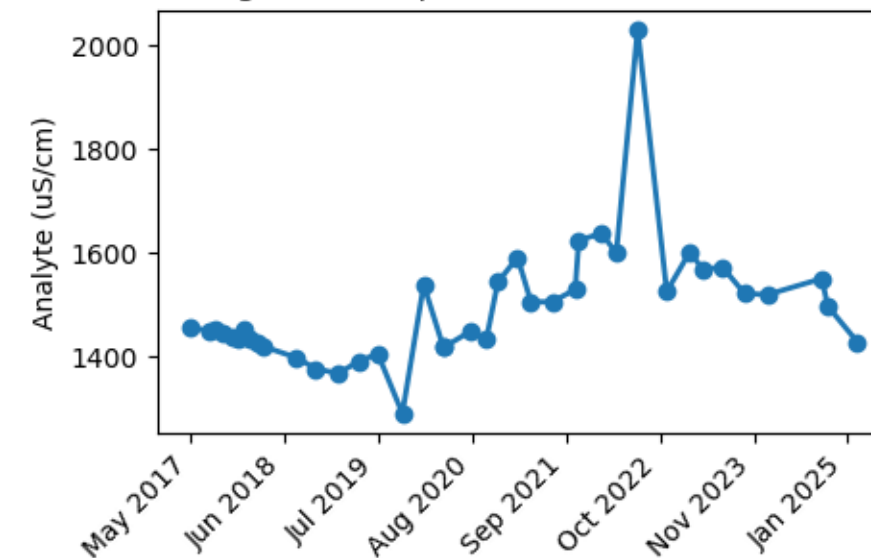


Figure 23d. Magnesium

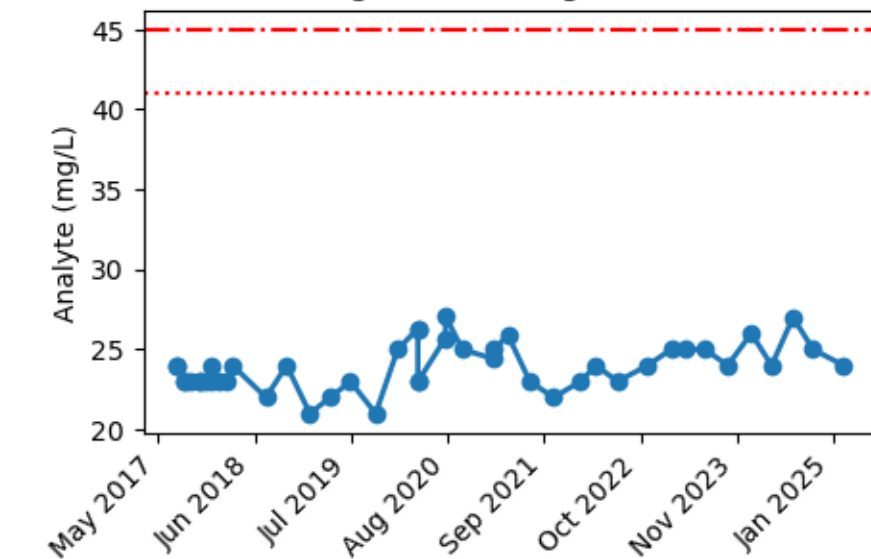


Figure 23e. Sulfate

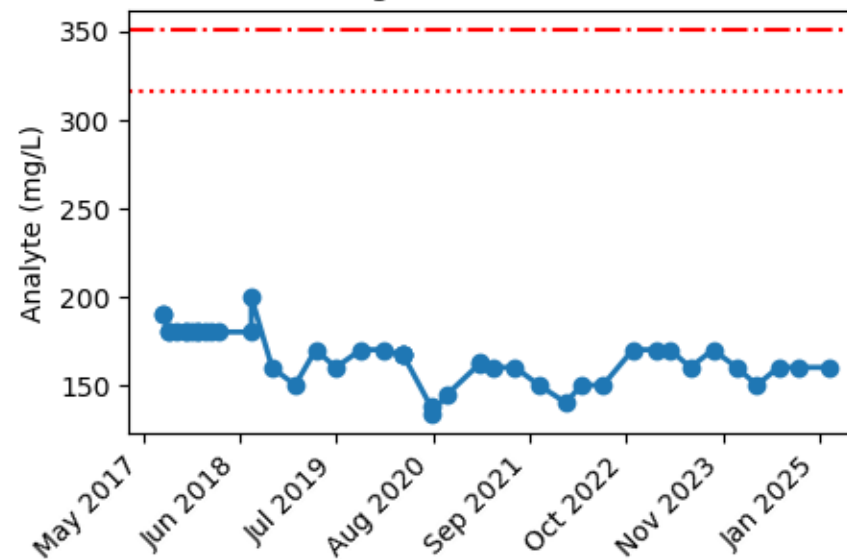


Figure 23f. Fluoride

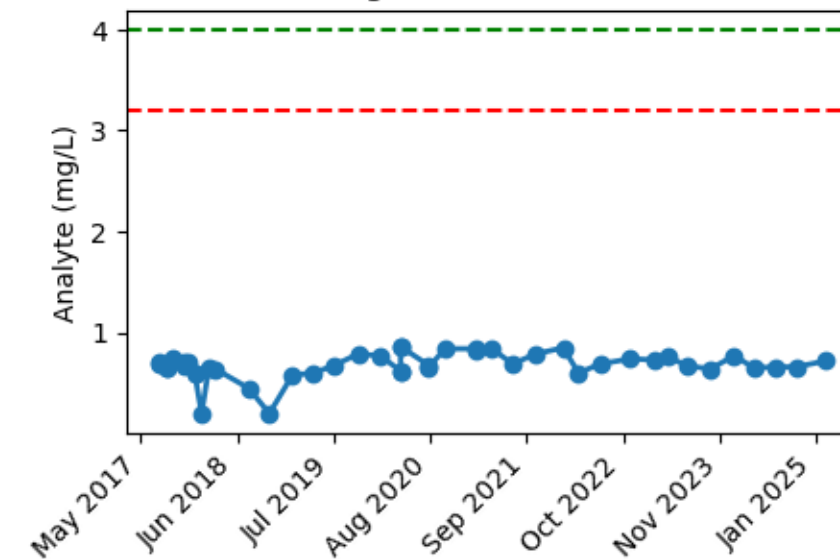
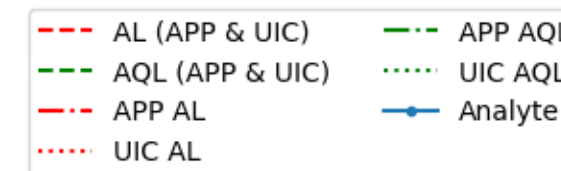
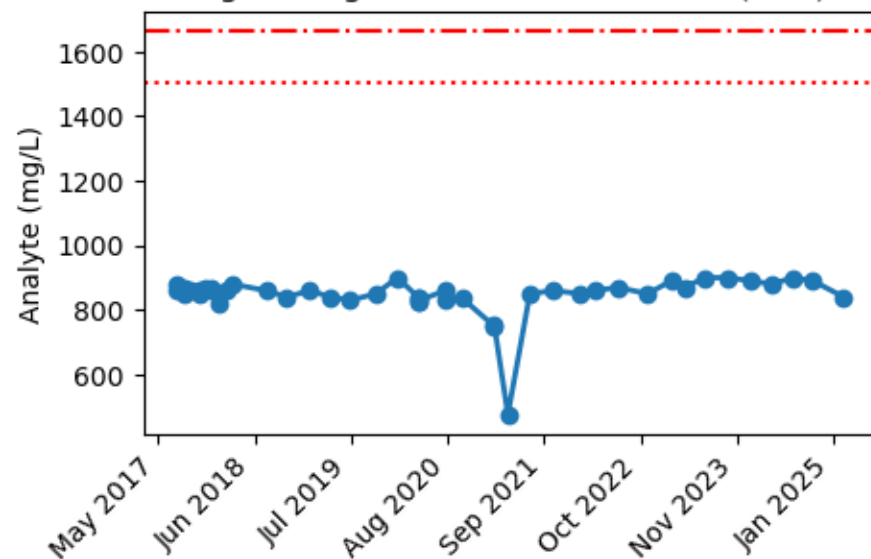


Figure 23g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

Non-detect results are represented as half the applicable reporting limit

mg/L = milligrams per Liter

uS/cm = microSiemens per centimeter

M54-LBF Quarterly Analyte Graphs

Figure 24a. Temperature, Field

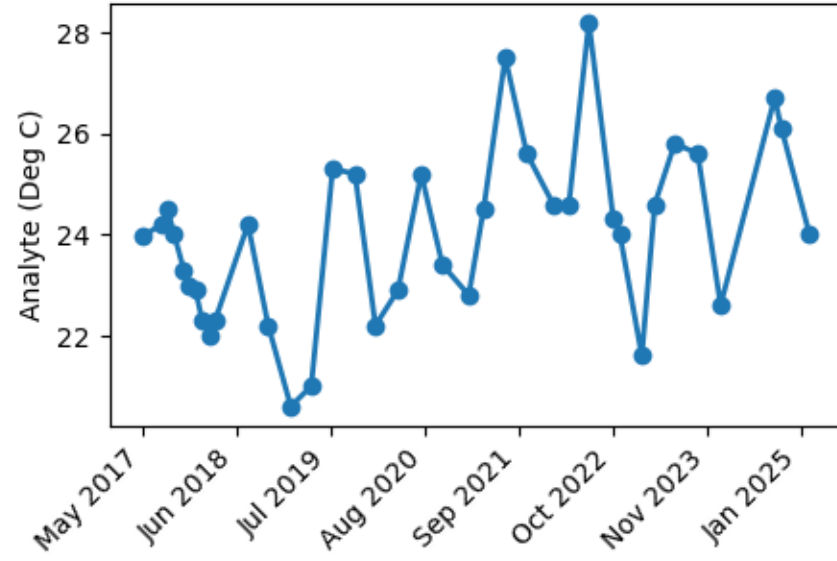


Figure 24b. pH, Field

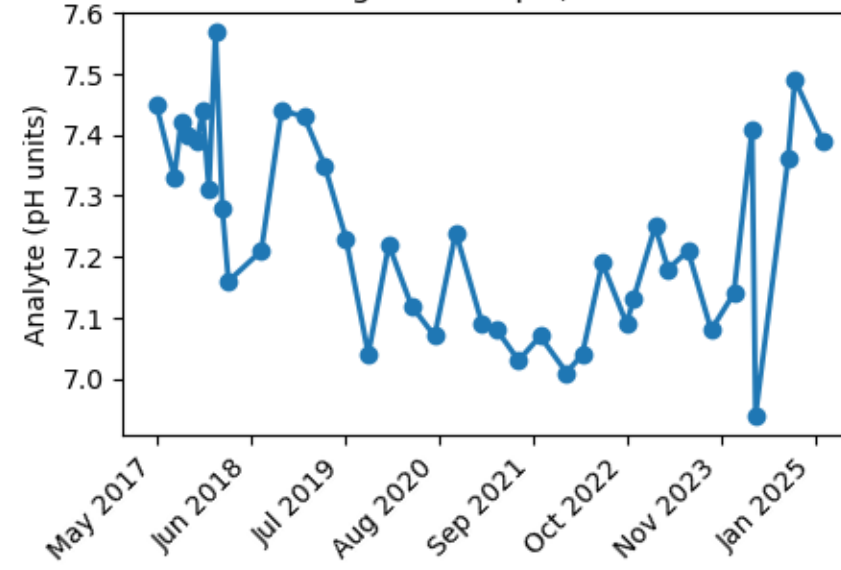


Figure 24c. Specific Conductance, Field

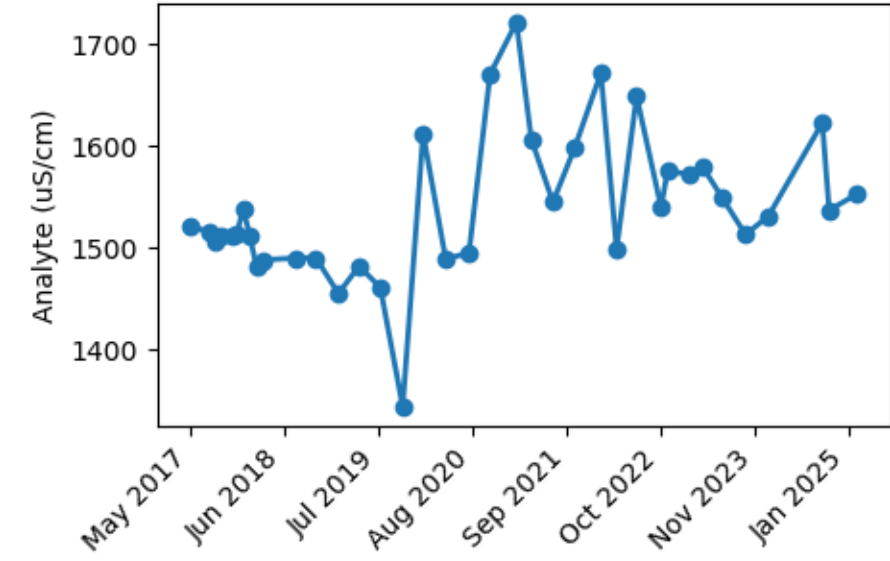


Figure 24d. Magnesium

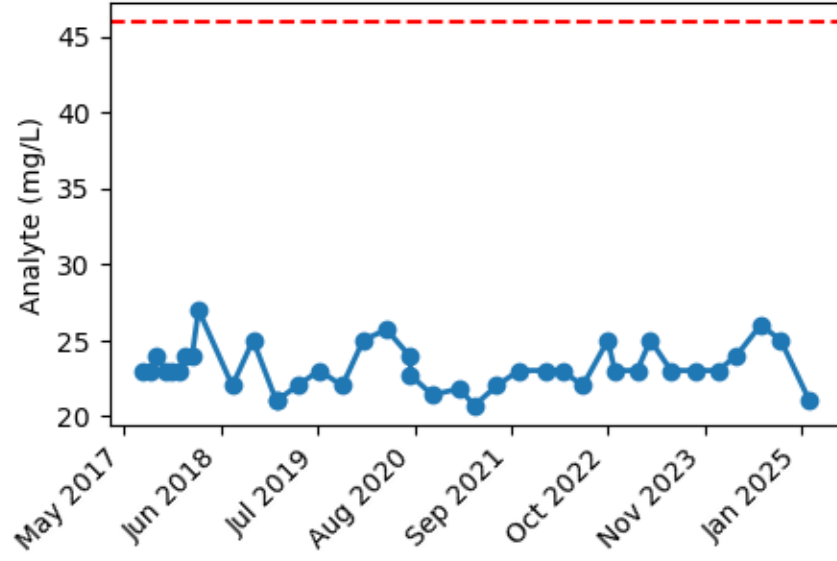


Figure 24e. Sulfate

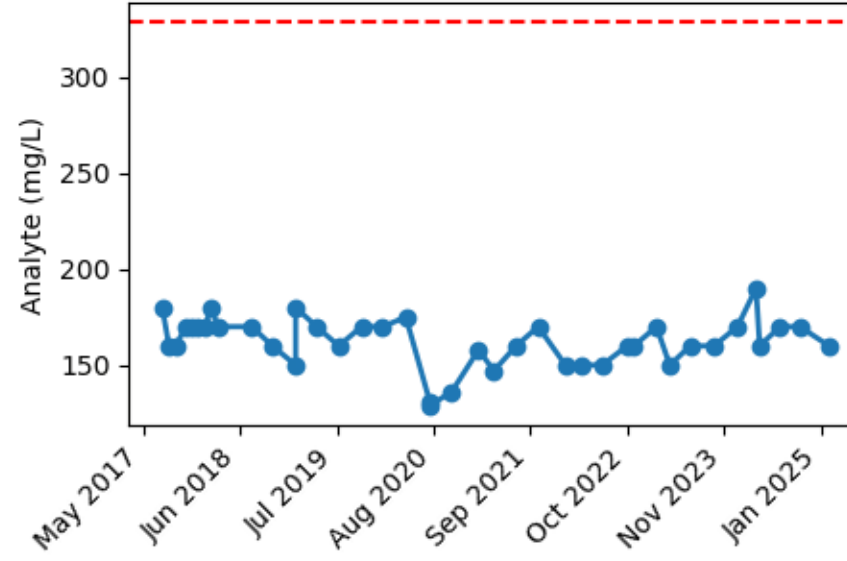


Figure 24f. Fluoride

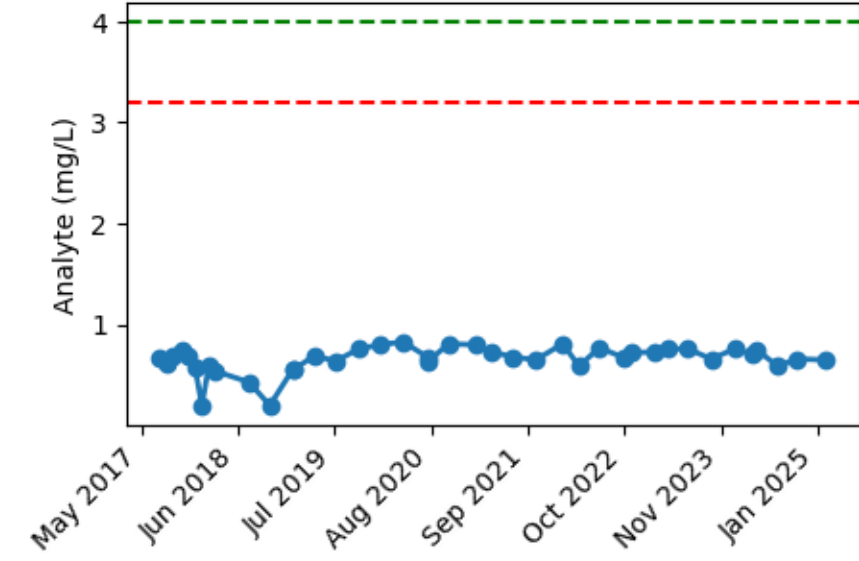
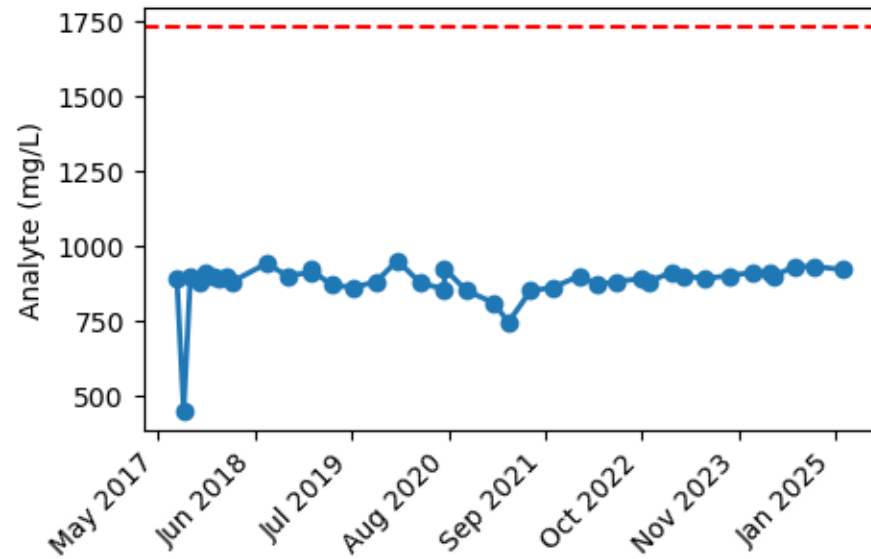


Figure 24g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

Non-detect results are represented as half the applicable reporting limit

mg/L = milligrams per Liter

uS/cm = microSiemens per centimeter

M54-O Quarterly Analyte Graphs

Figure 25a. Temperature, Field

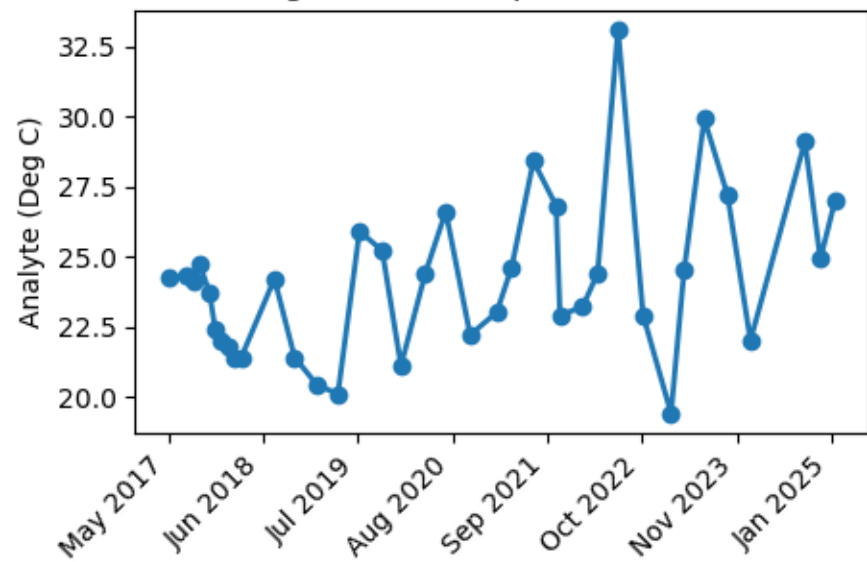


Figure 25b. pH, Field

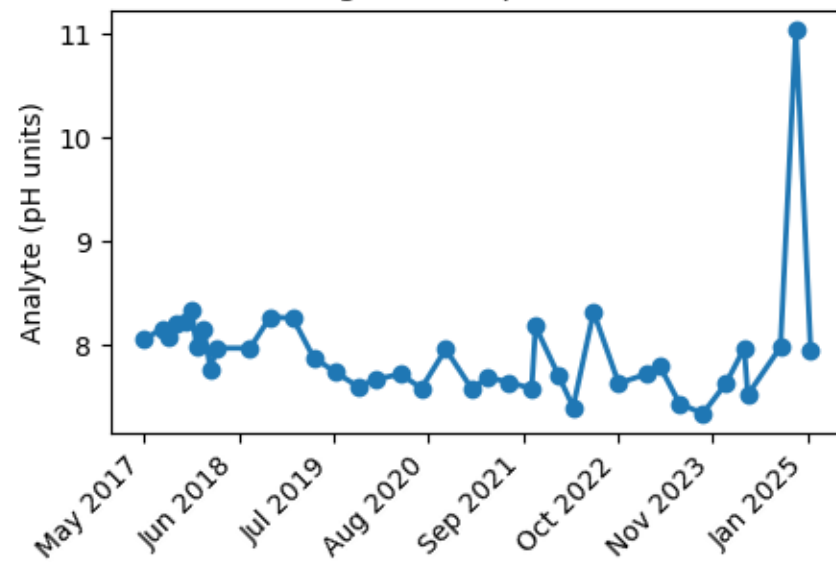


Figure 25c. Specific Conductance, Field

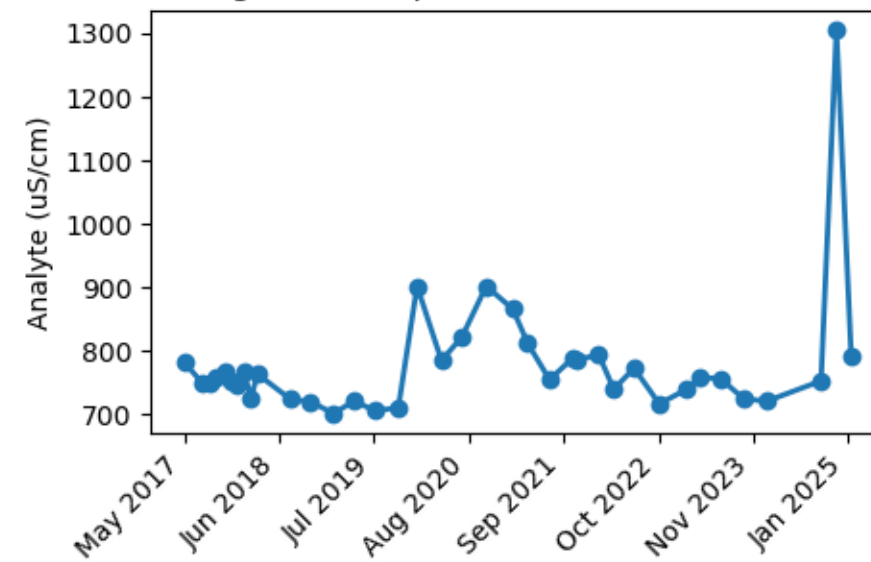


Figure 25d. Magnesium

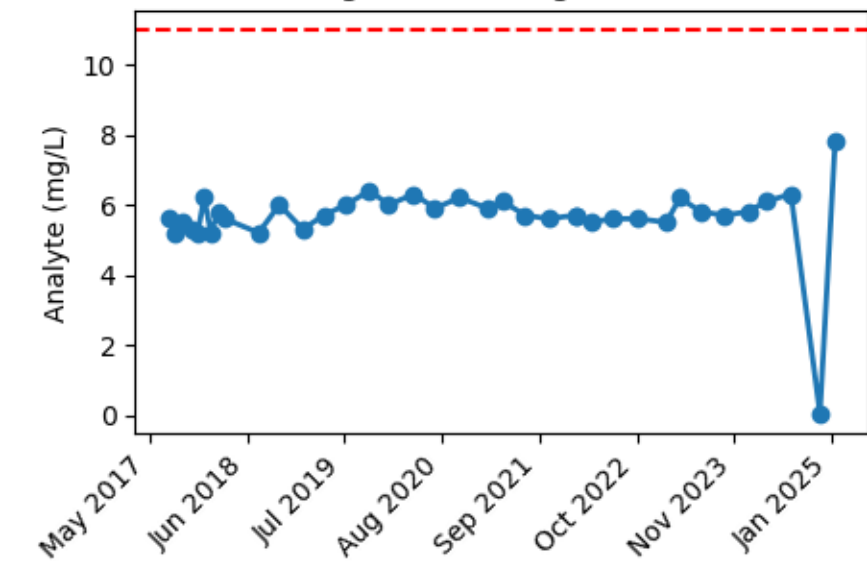


Figure 25e. Sulfate

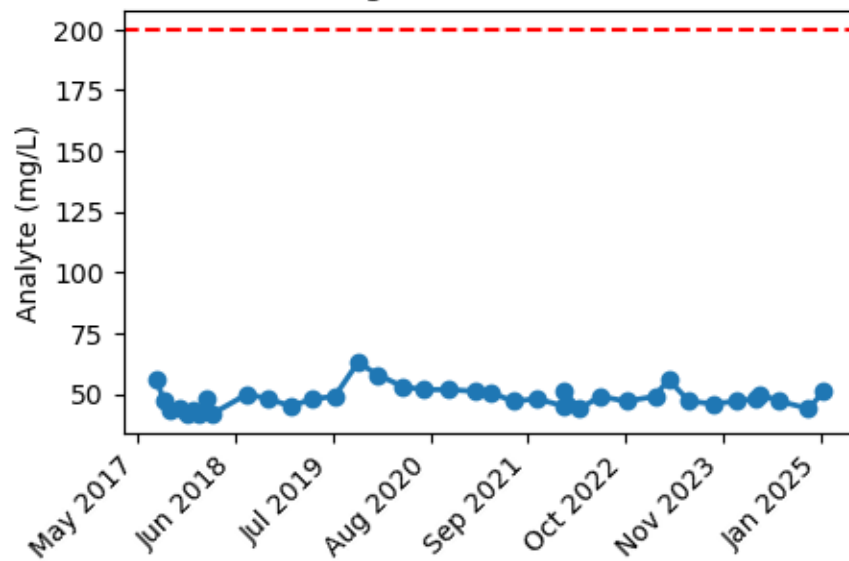


Figure 25f. Fluoride

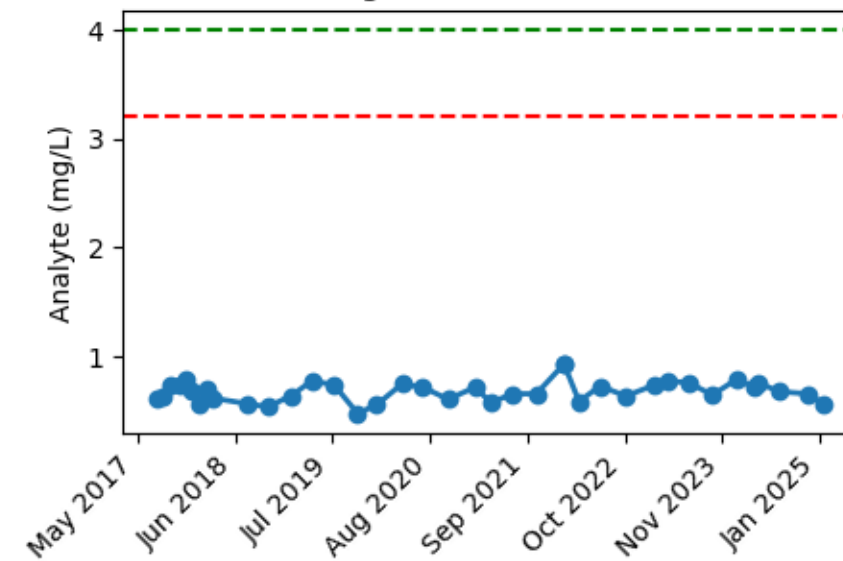
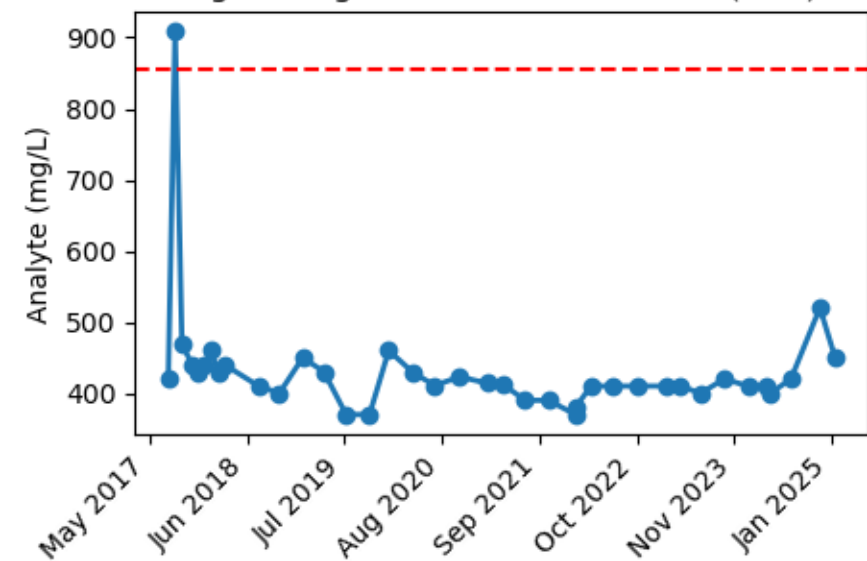


Figure 25g. Total Dissolved Solids (TDS)



--- AL (APP & UIC) —●— Analyte
--- AQL (APP & UIC)

Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

Non-detect results are repre

mg/L = milligrams per Liter
uS/cm = microSiemens per centimeter

M6-GU Quarterly Analyte Graphs

Figure 26a. Temperature, Field

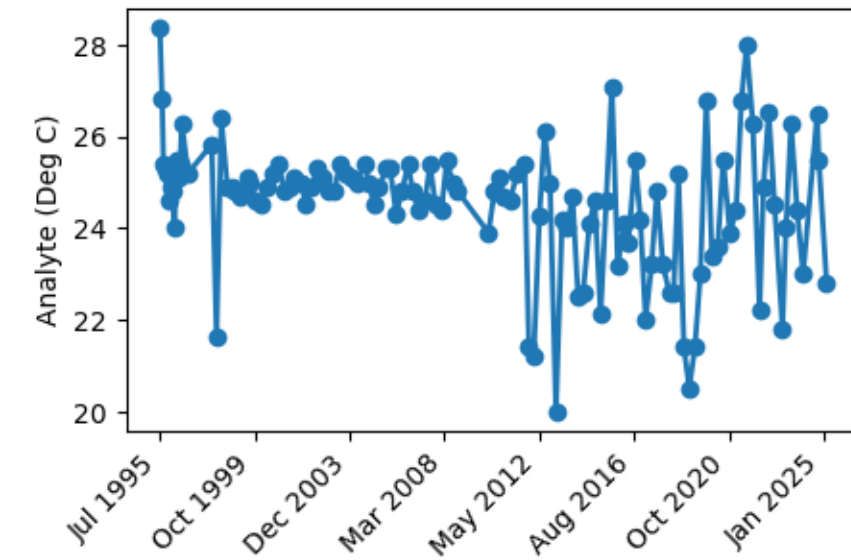


Figure 26b. pH, Field

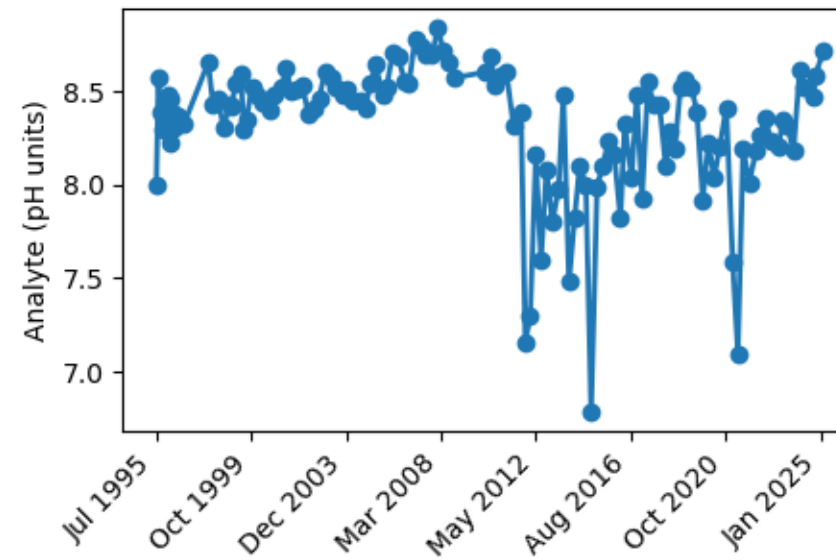


Figure 26c. Specific Conductance, Field

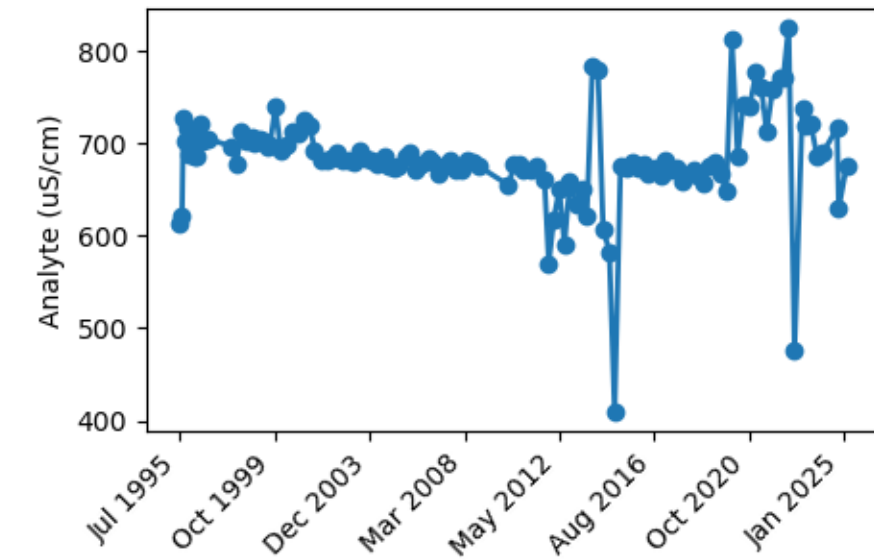


Figure 26d. Magnesium

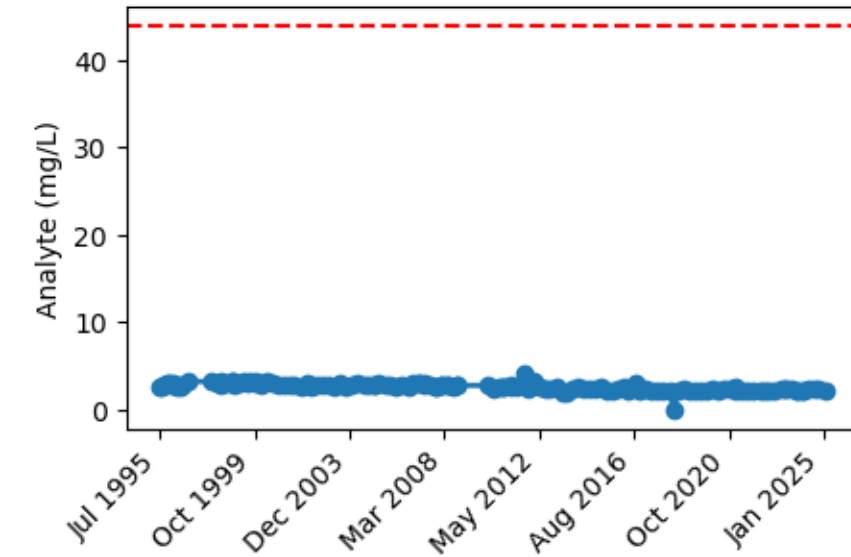


Figure 26e. Sulfate

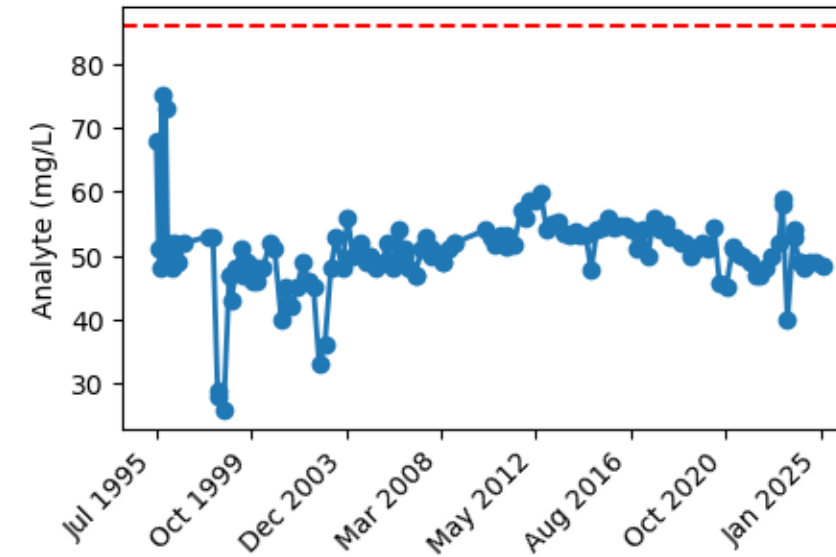


Figure 26f. Fluoride

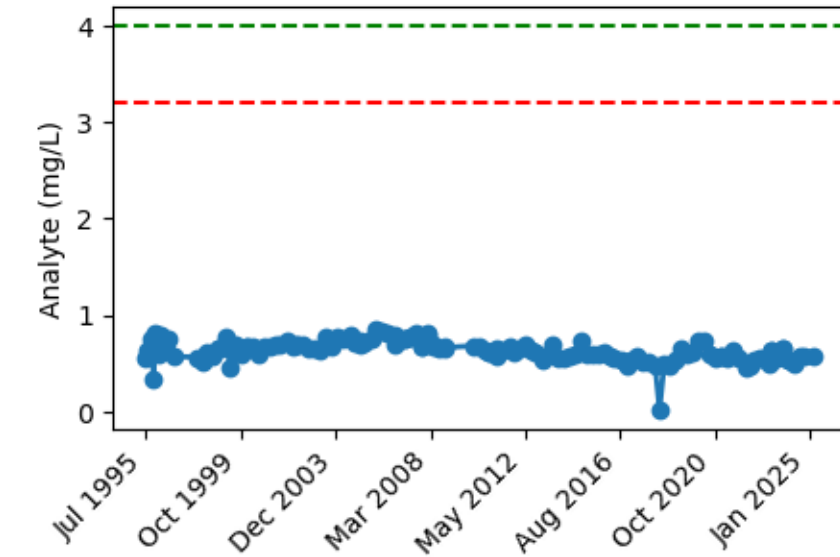
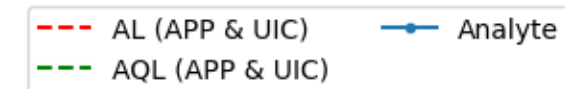
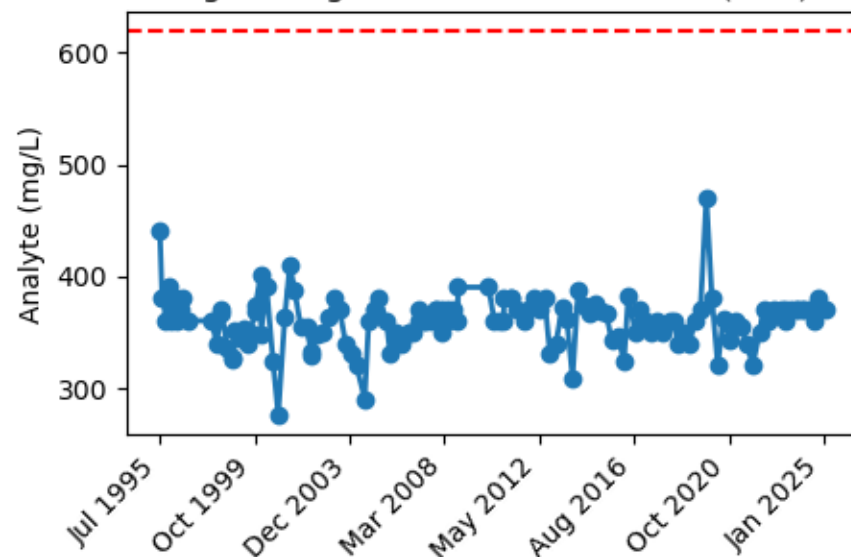


Figure 26g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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 27a. Temperature, Field

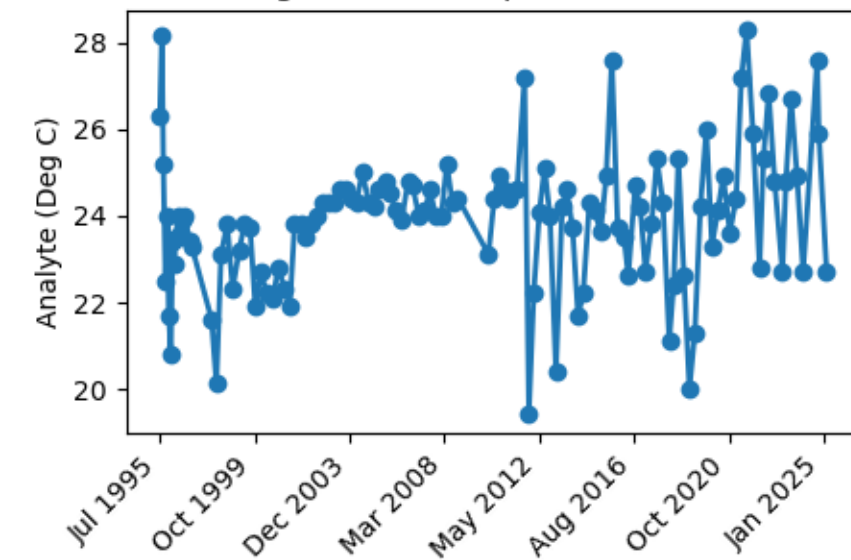


Figure 27b. pH, Field

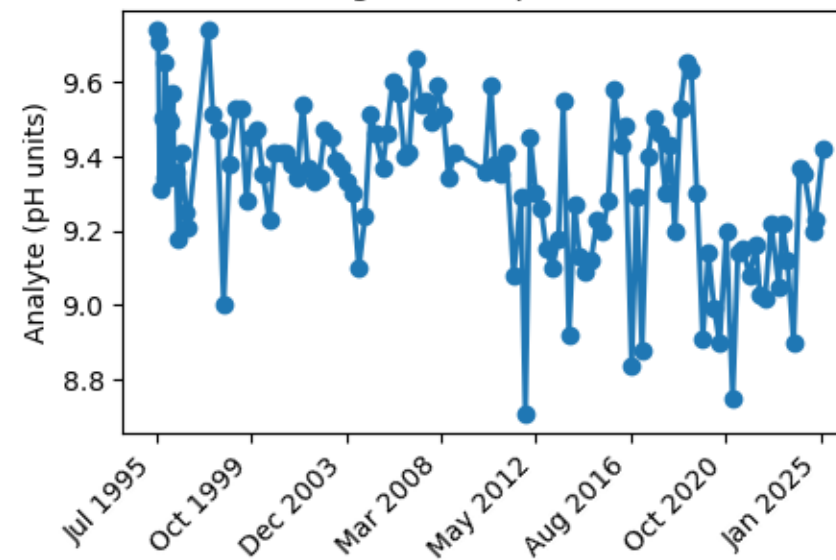


Figure 27c. Specific Conductance, Field

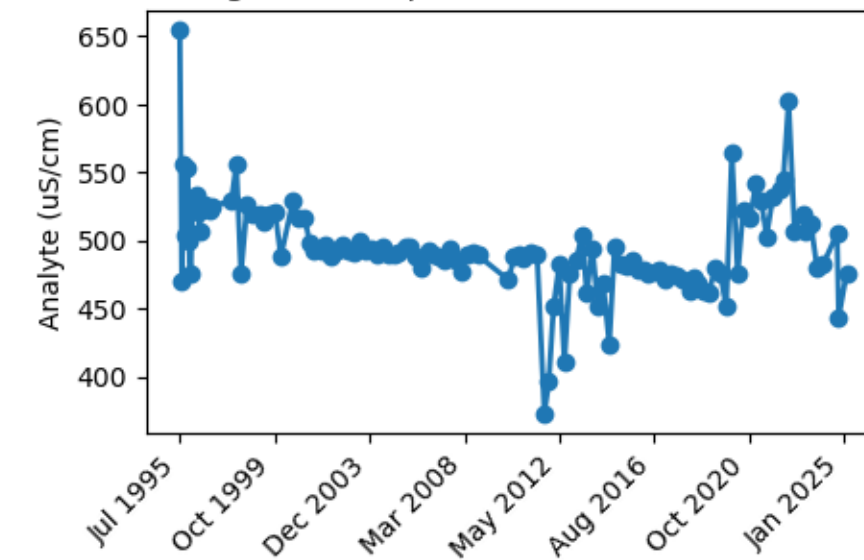


Figure 27d. Magnesium

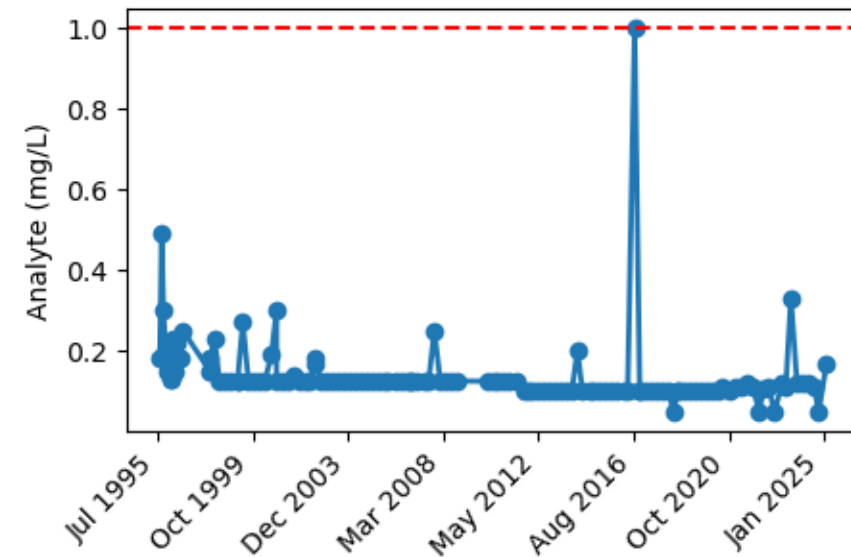


Figure 27e. Sulfate

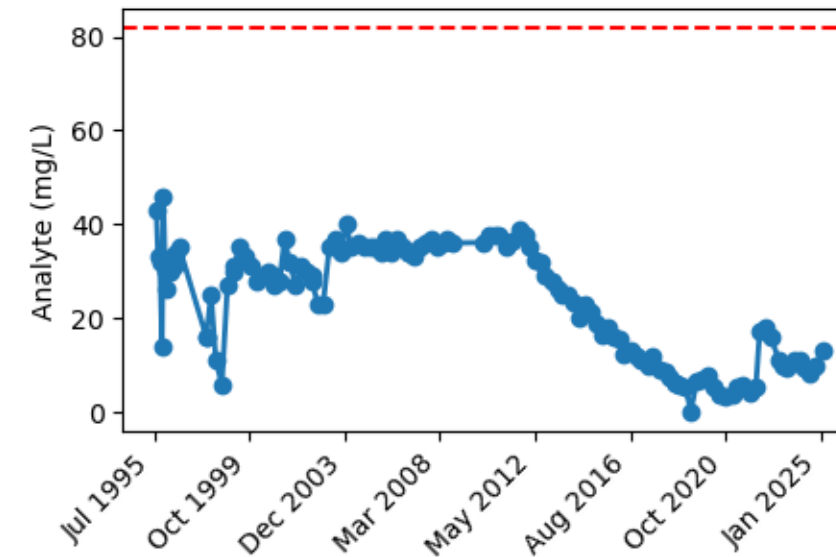


Figure 27f. Fluoride

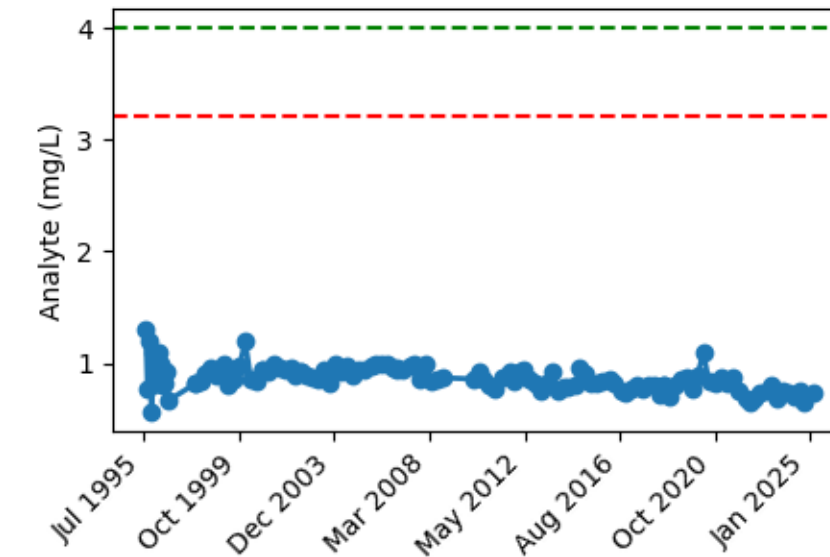
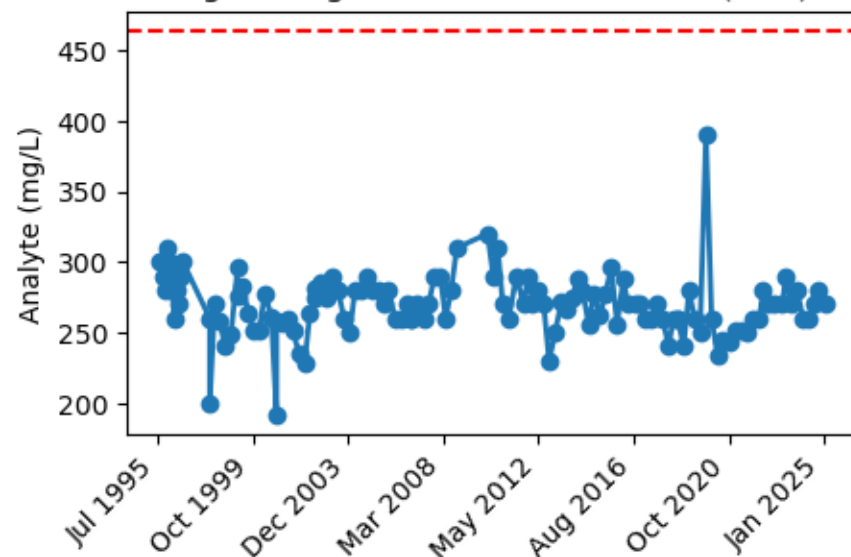


Figure 27g. Total Dissolved Solids (TDS)



--- AL (APP & UIC)
 —●— Analyte
 --- AQL (APP & UIC)

Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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 28a. Temperature, Field

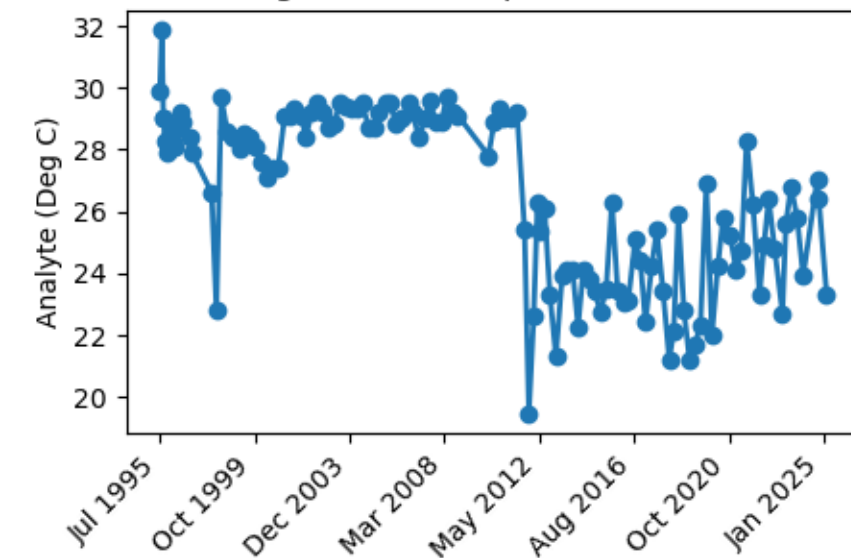


Figure 28b. pH, Field

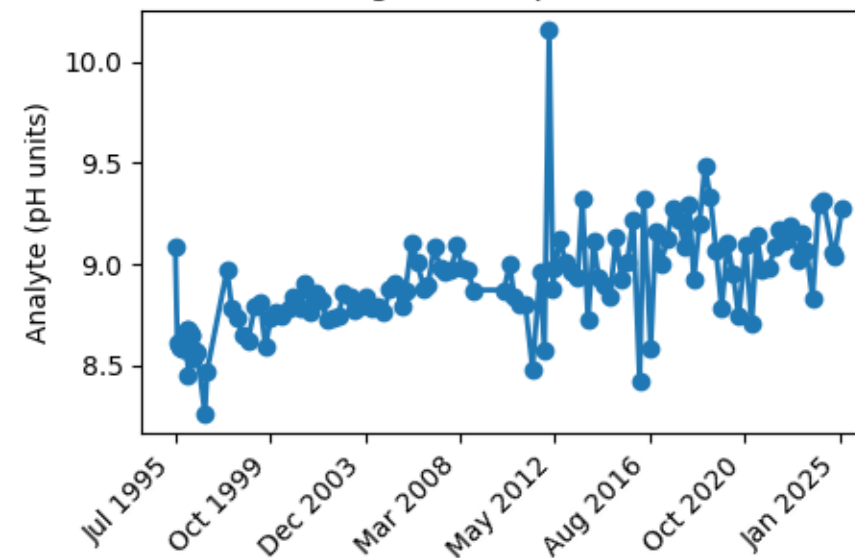


Figure 28c. Specific Conductance, Field

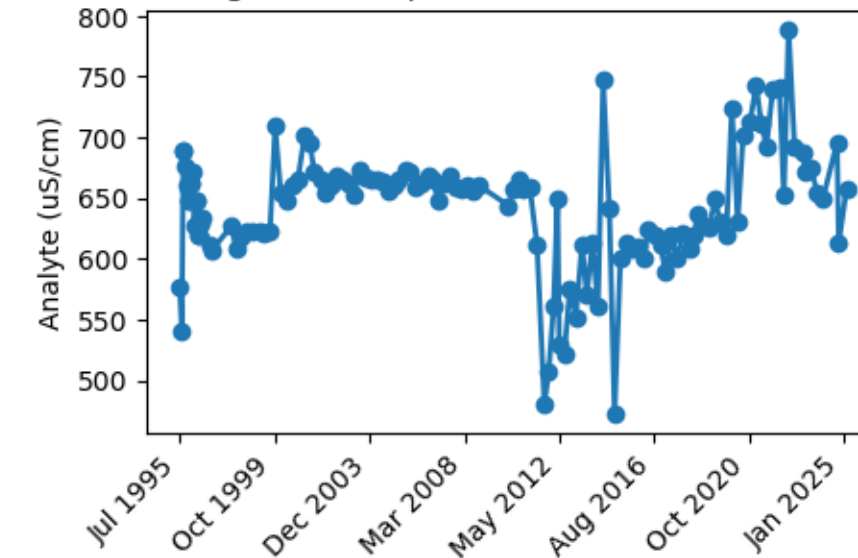


Figure 28d. Magnesium

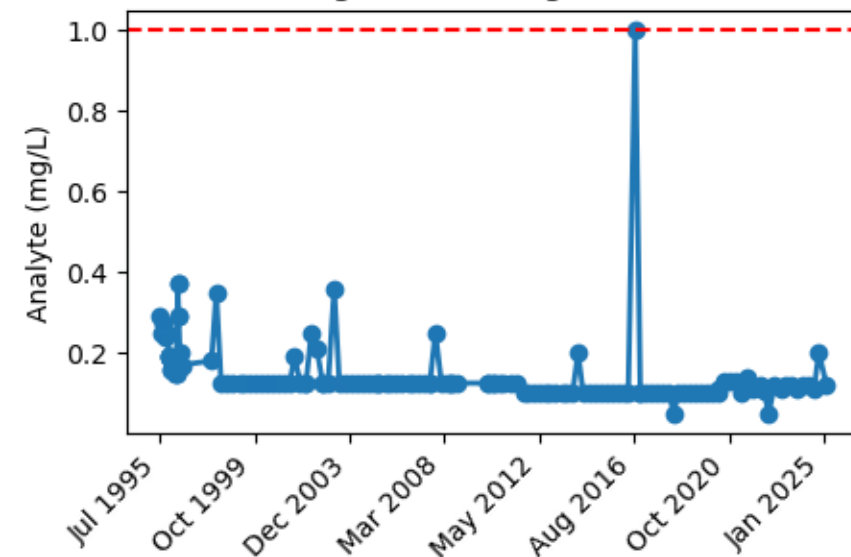


Figure 28e. Sulfate

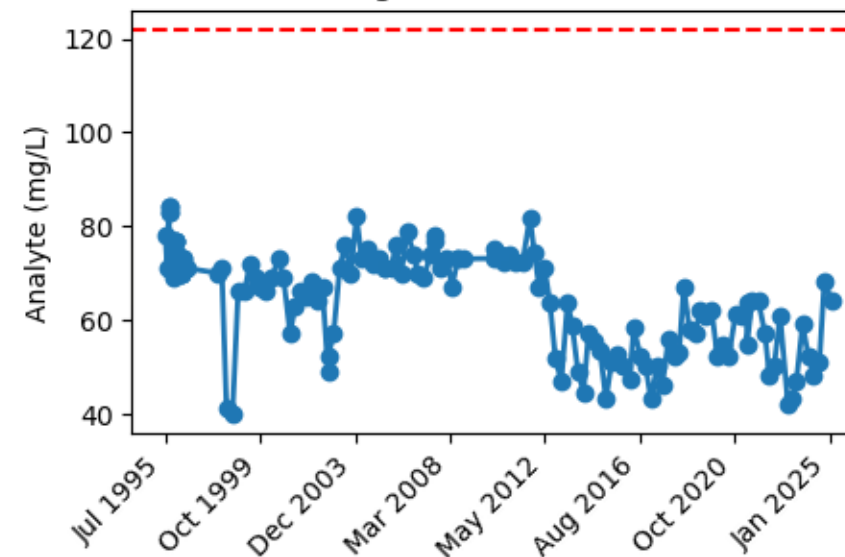


Figure 28f. Fluoride

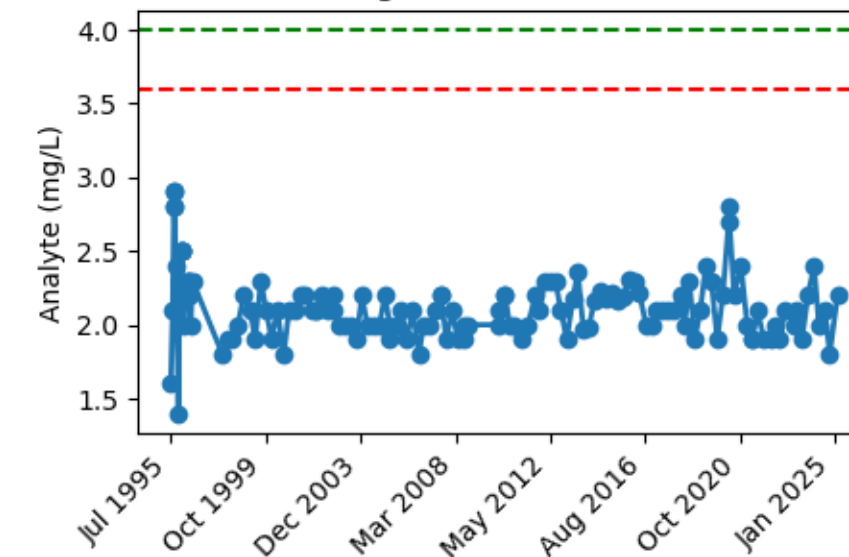
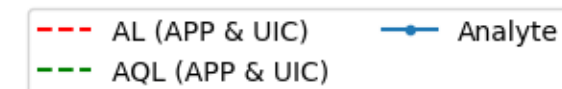
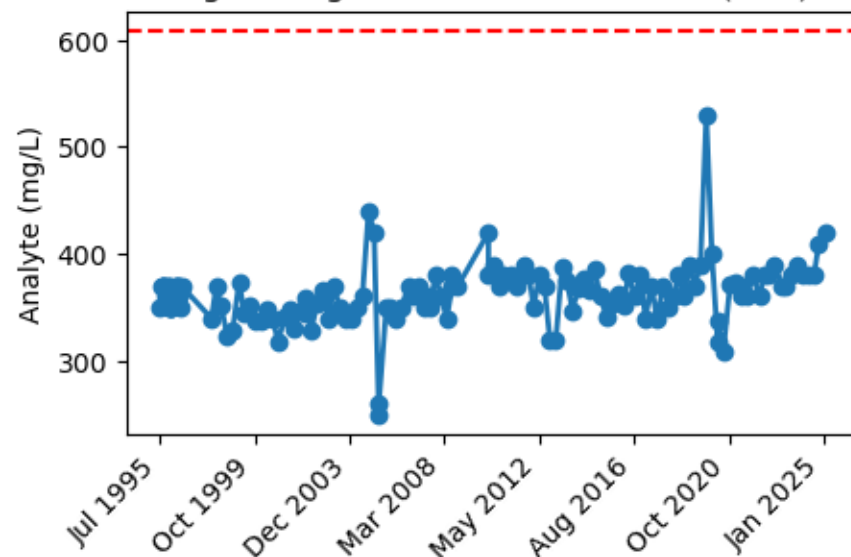


Figure 28g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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 29a. Temperature, Field

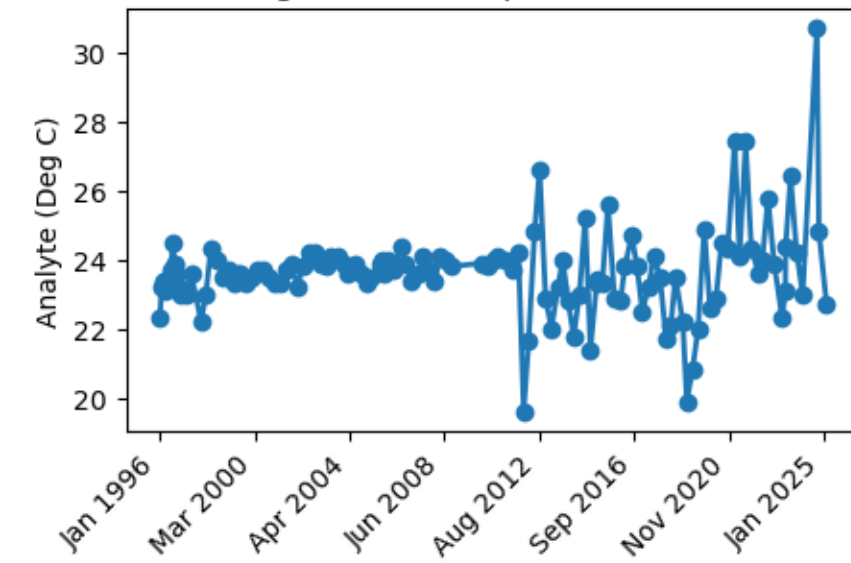


Figure 29b. pH, Field

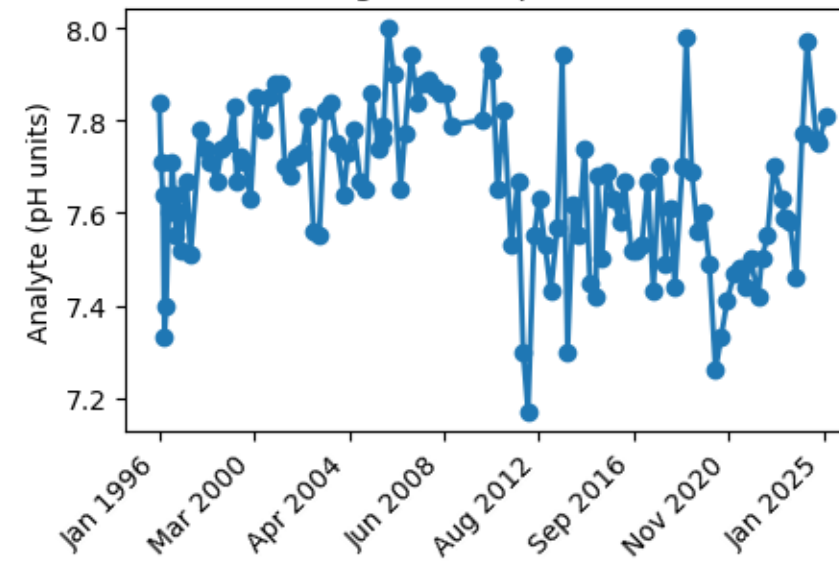


Figure 29c. Specific Conductance, Field

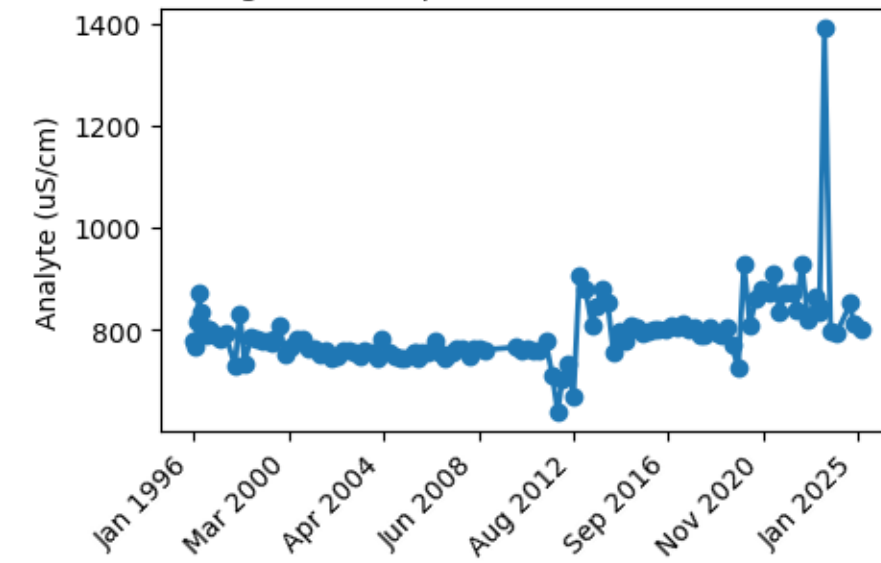


Figure 29d. Magnesium

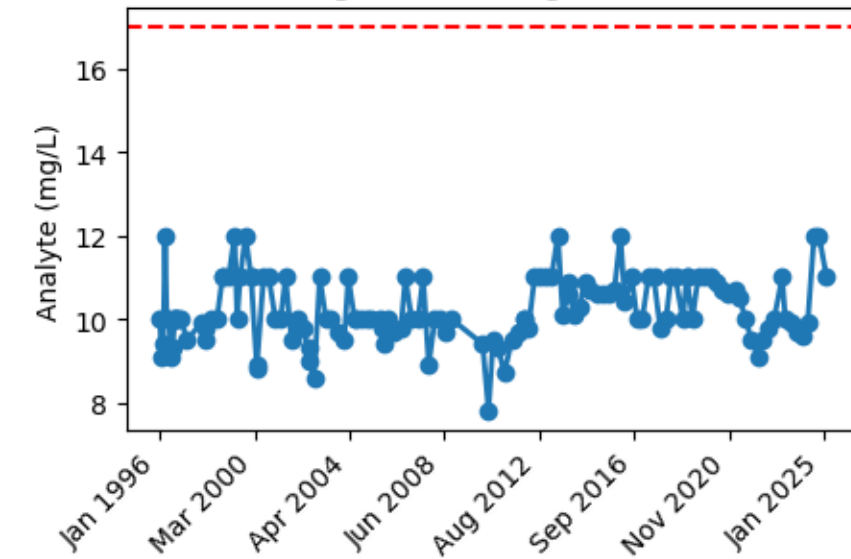


Figure 29e. Sulfate

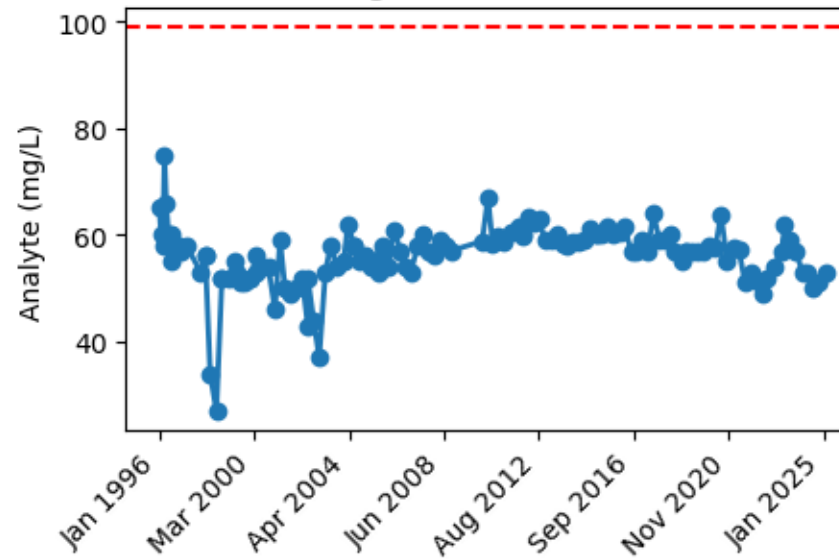


Figure 29f. Fluoride

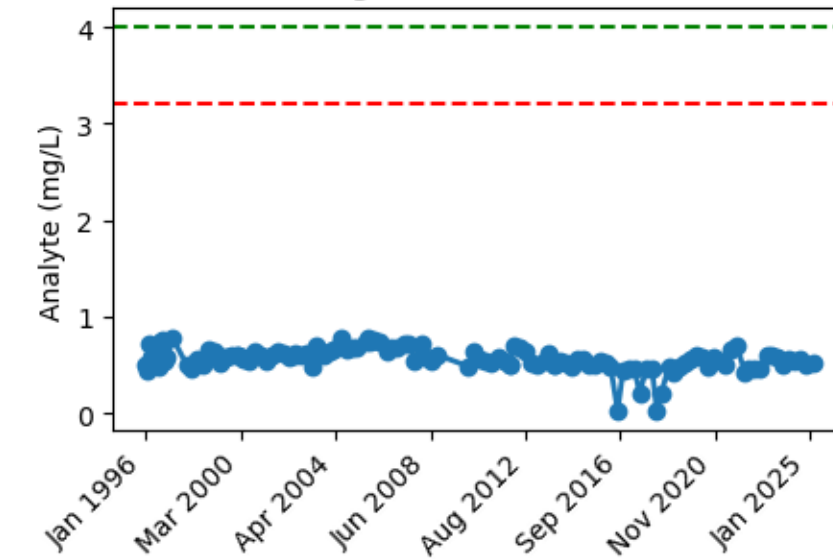
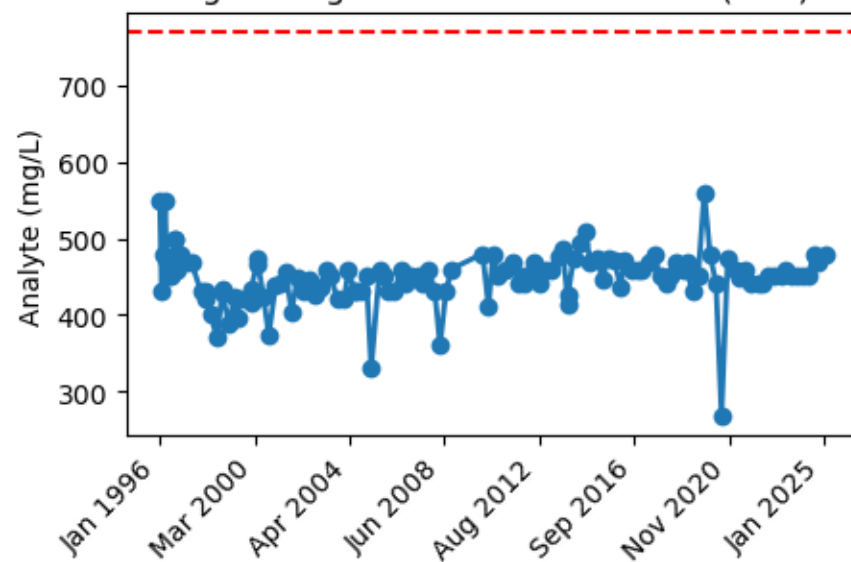


Figure 29g. Total Dissolved Solids (TDS)



--- AL (APP & UIC)
 —●— Analyte
 --- AQL (APP & UIC)

Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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 30a. Temperature, Field

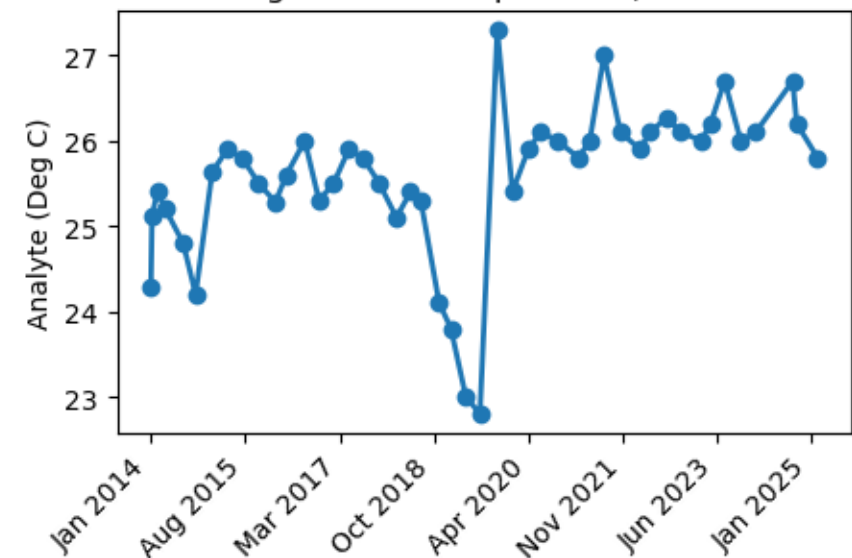


Figure 30b. pH, Field

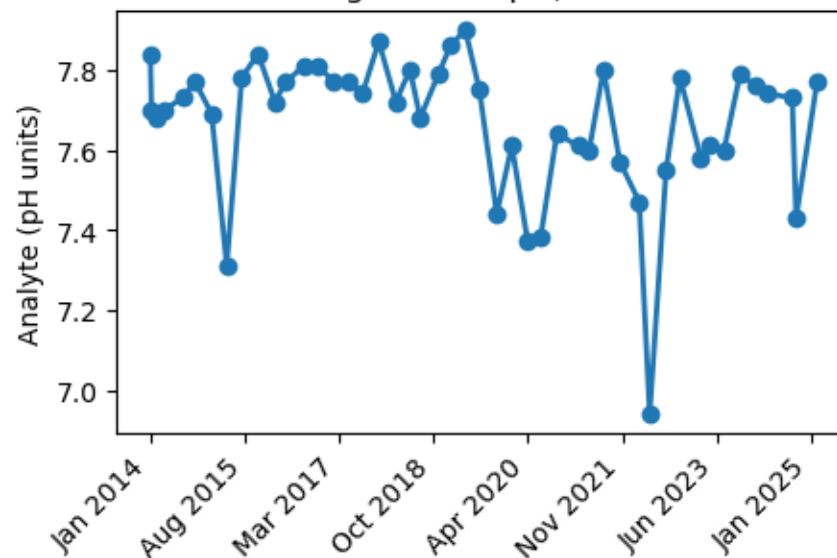


Figure 30c. Specific Conductance, Field

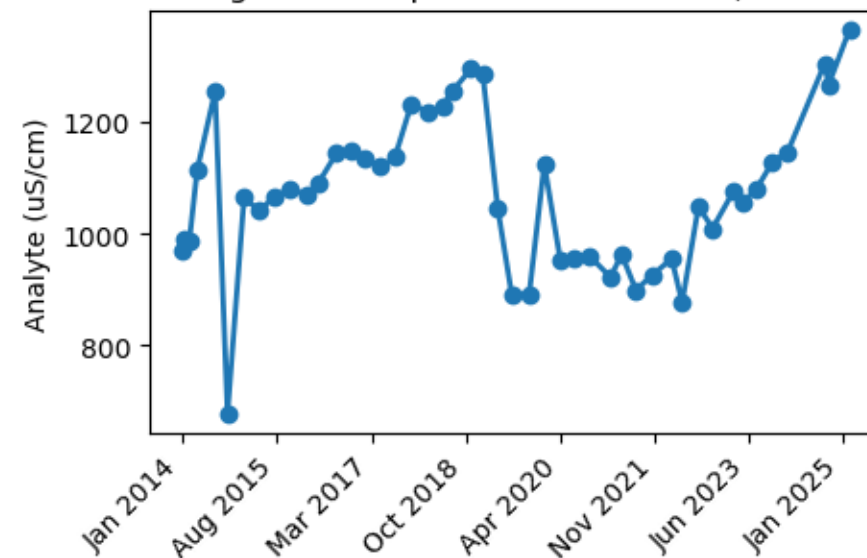


Figure 30d. Magnesium

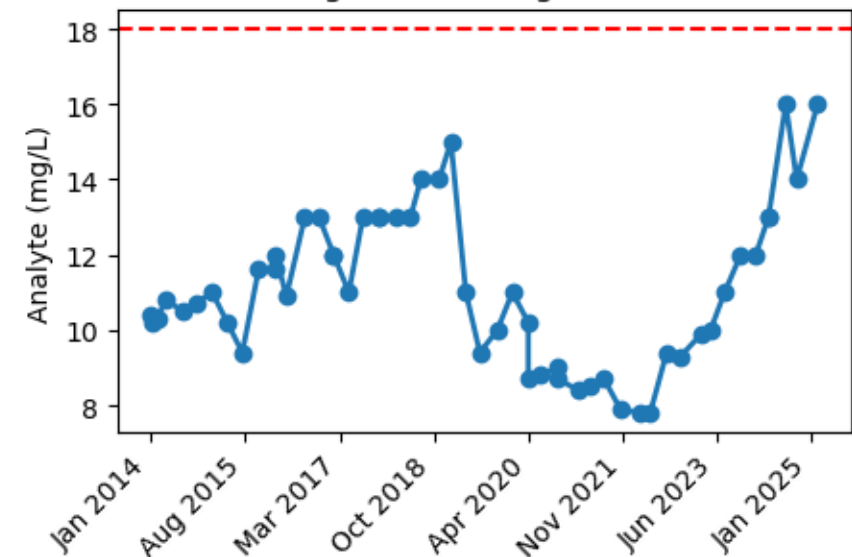


Figure 30e. Sulfate

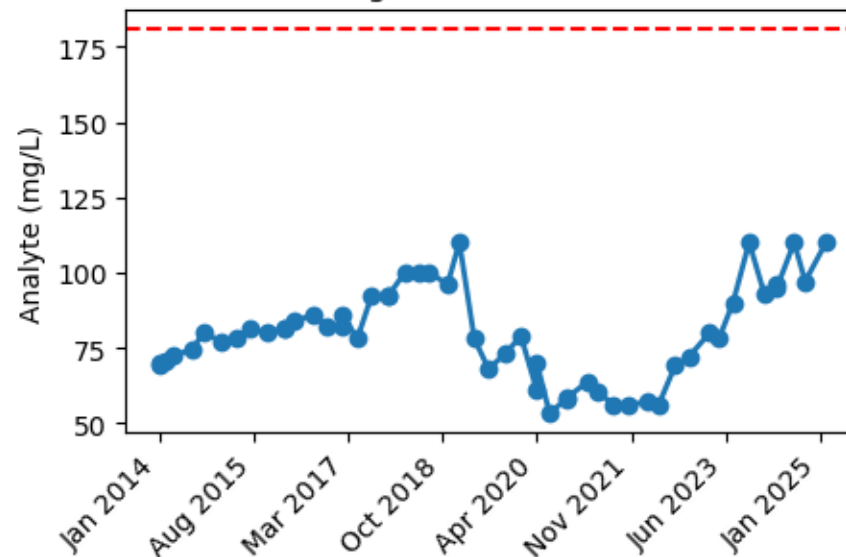


Figure 30f. Fluoride

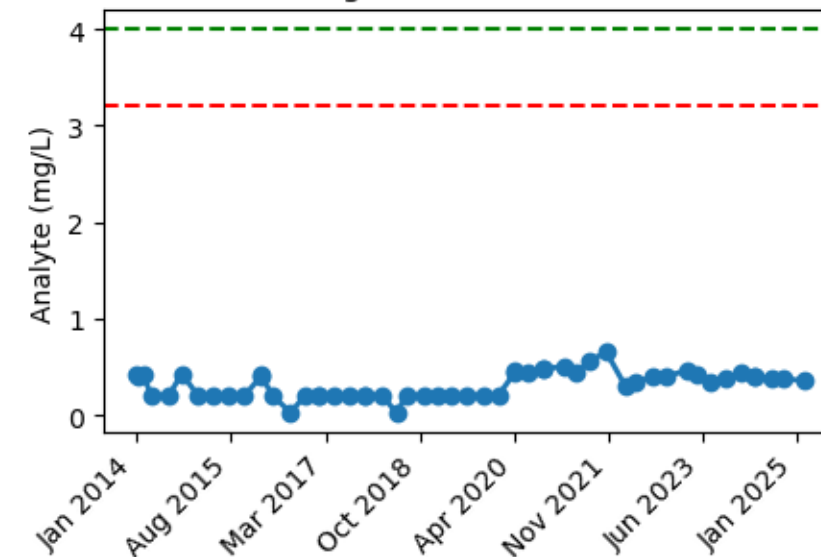
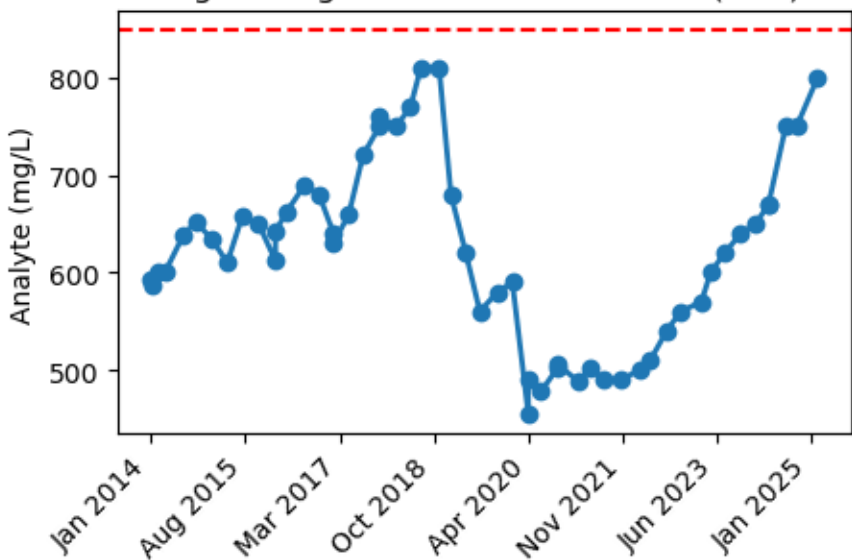


Figure 30g. Total Dissolved Solids (TDS)



--- AL (APP & UIC)
 —●— Analyte
 --- AQL (APP & UIC)

Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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 31a. Temperature, Field

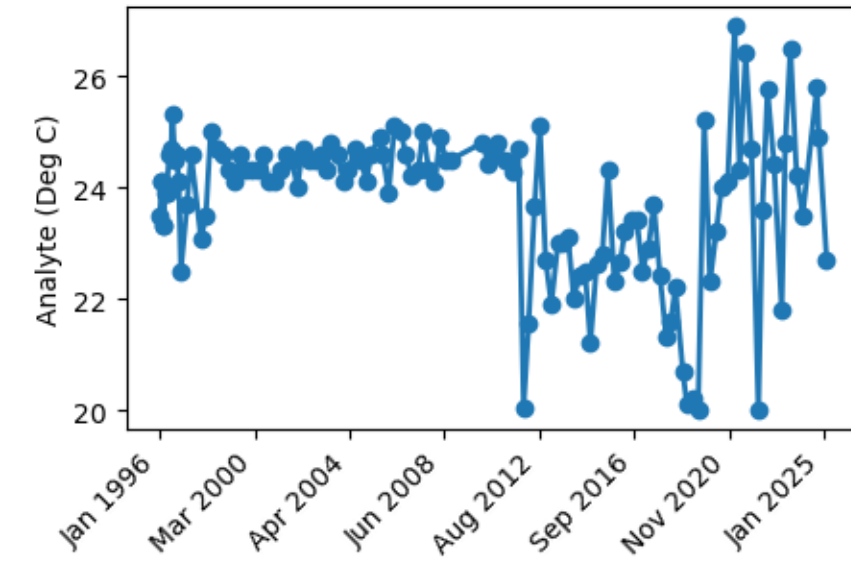


Figure 31b. pH, Field

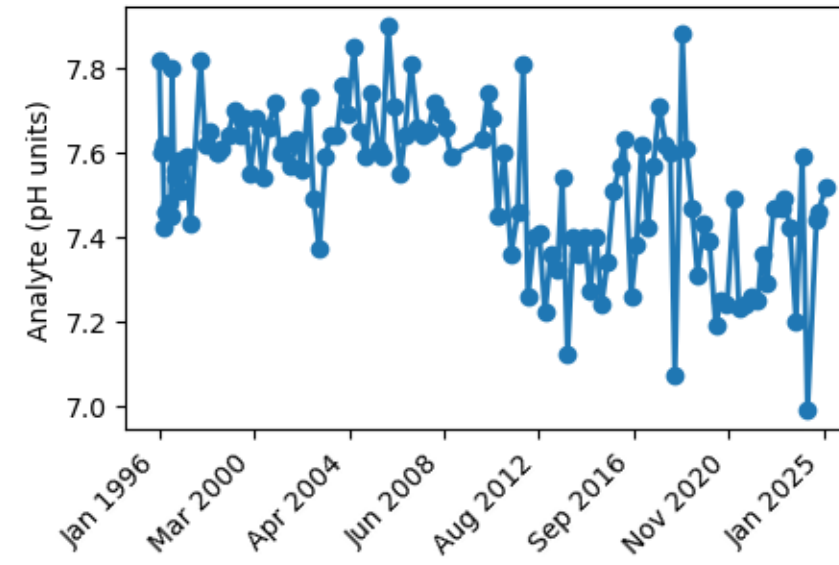


Figure 31c. Specific Conductance, Field

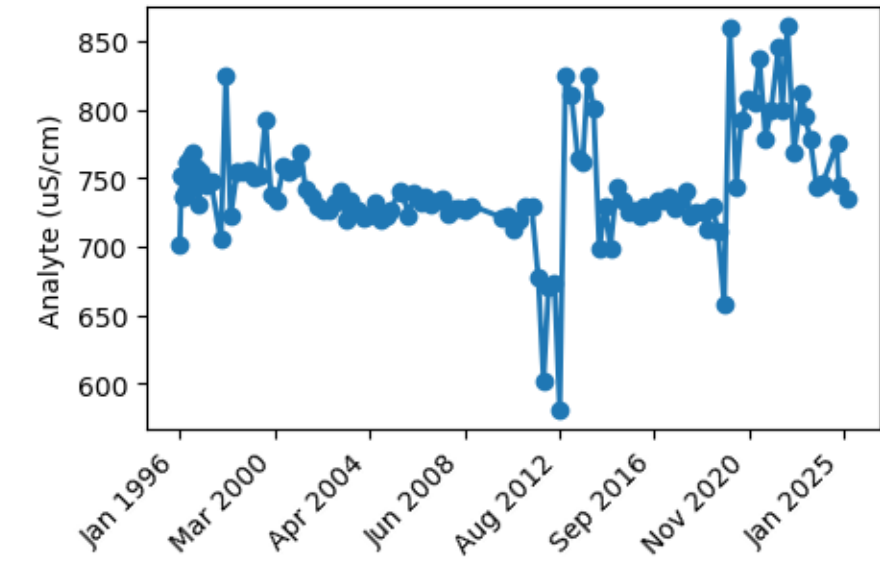


Figure 31d. Magnesium

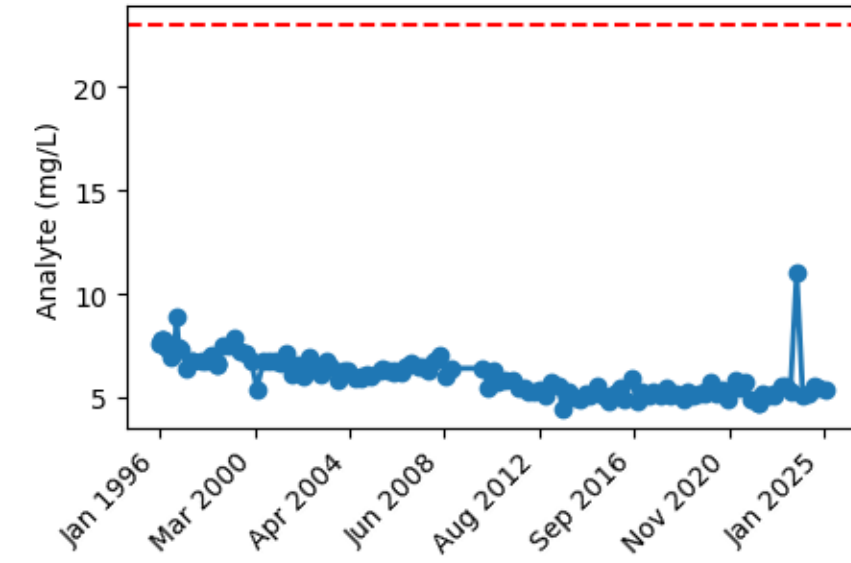


Figure 31e. Sulfate

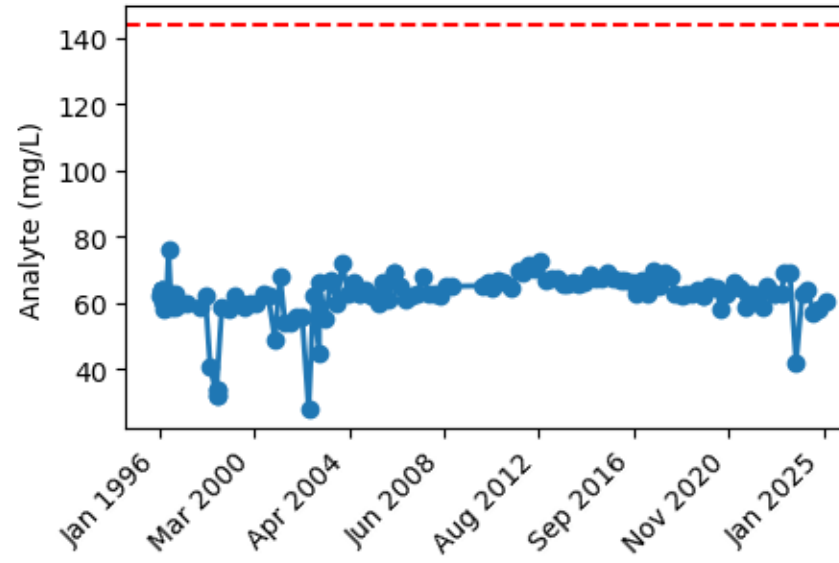


Figure 31f. Fluoride

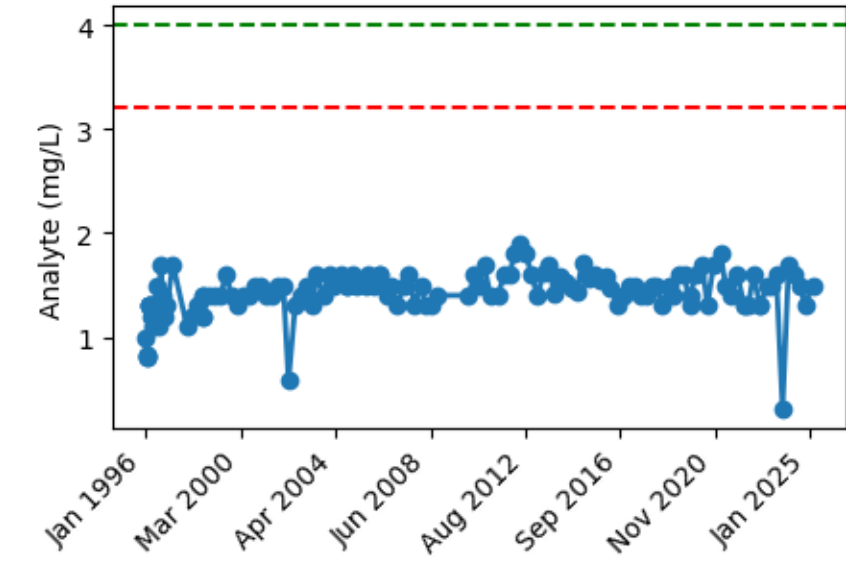
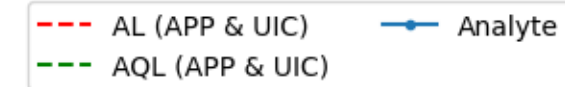
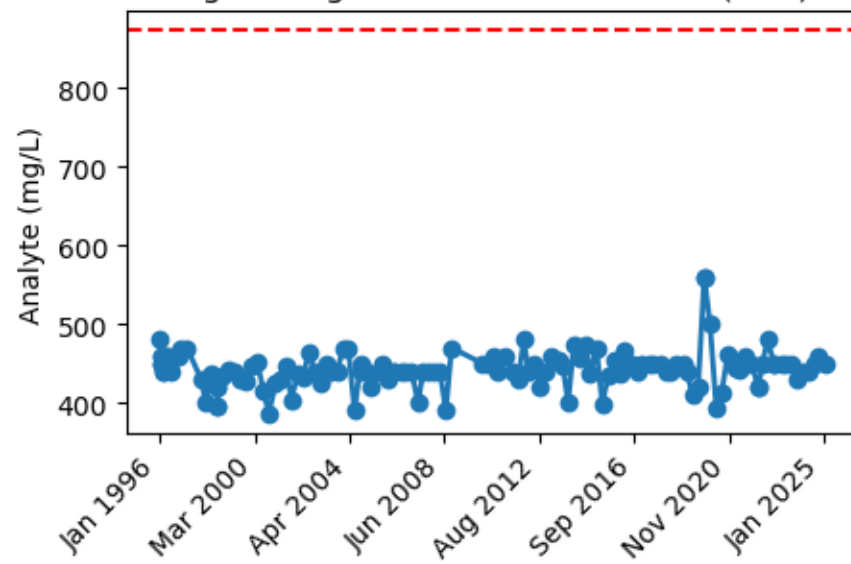


Figure 31g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

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 32a. Temperature, Field

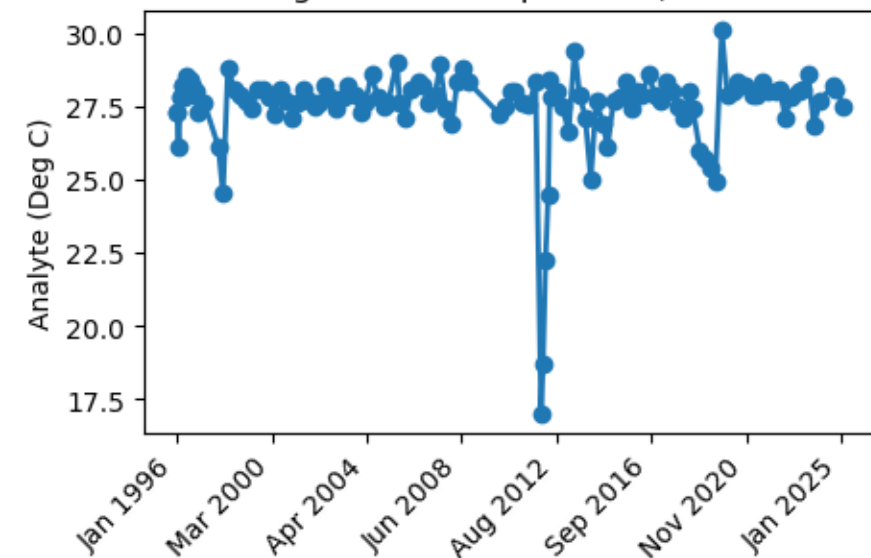


Figure 32b. pH, Field

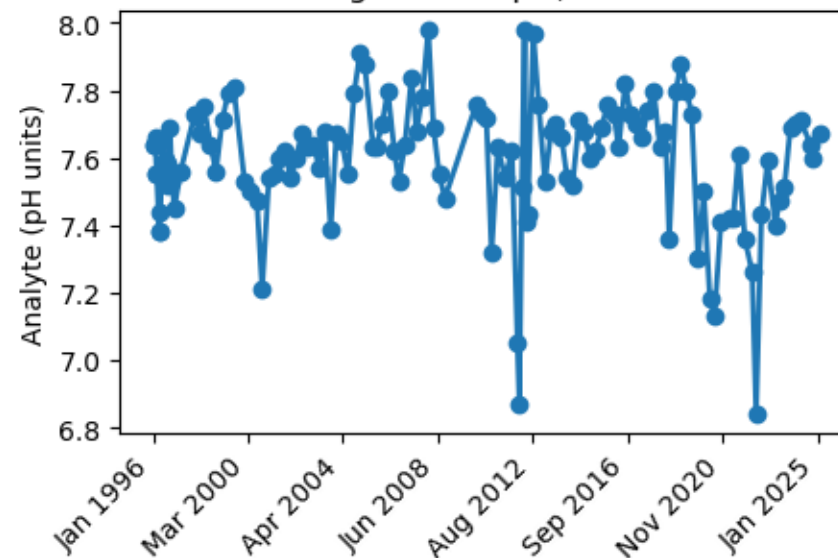


Figure 32c. Specific Conductance, Field

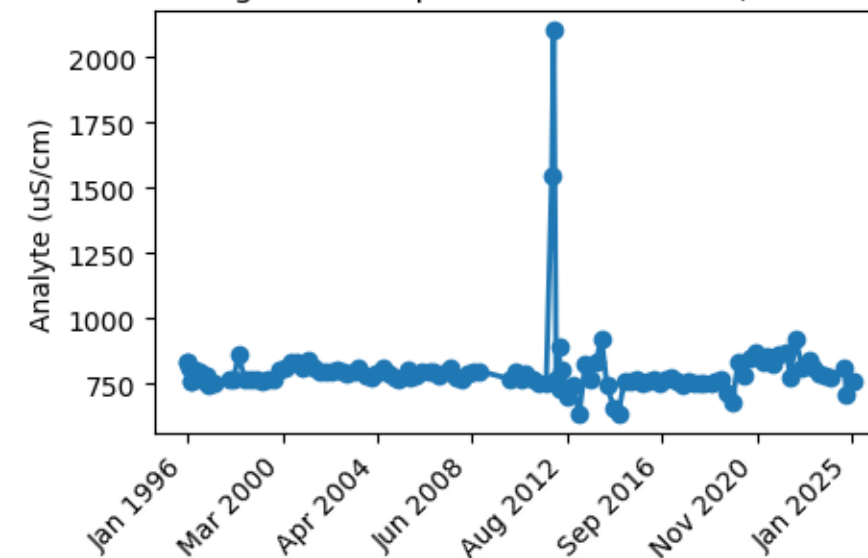


Figure 32d. Magnesium

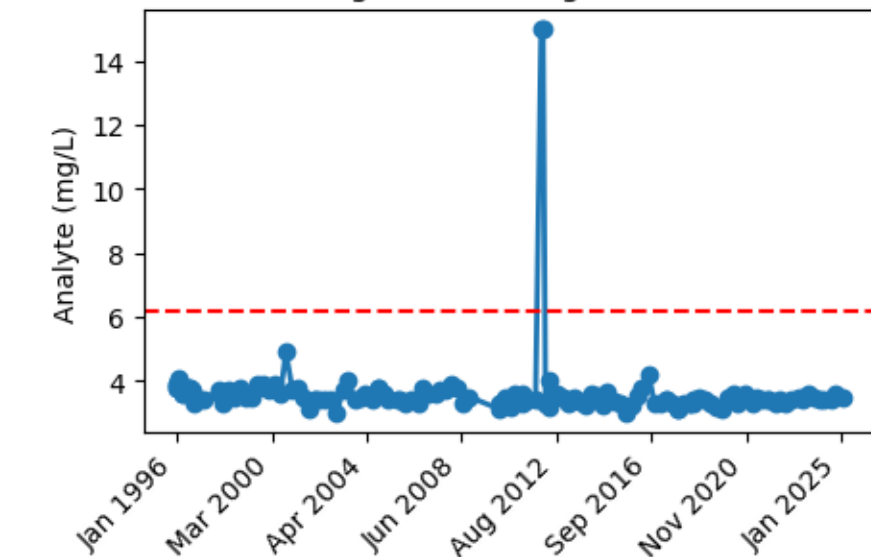


Figure 32e. Sulfate

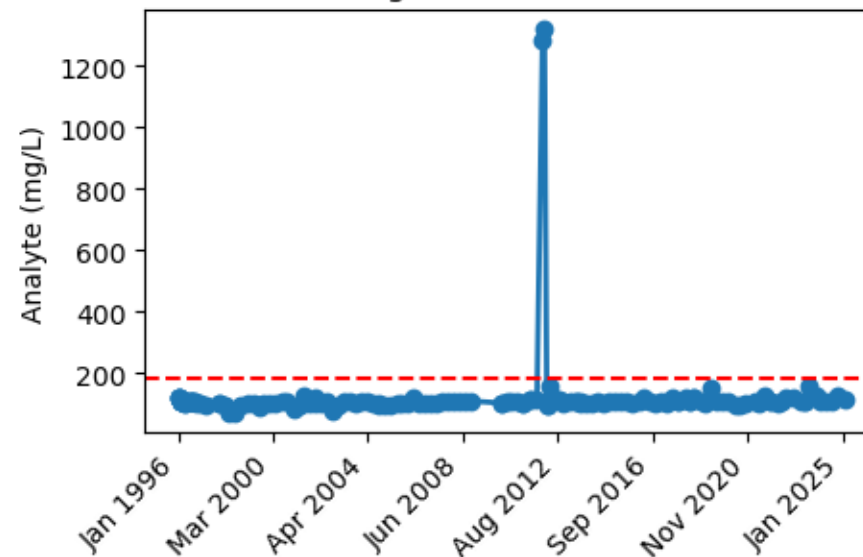


Figure 32f. Fluoride

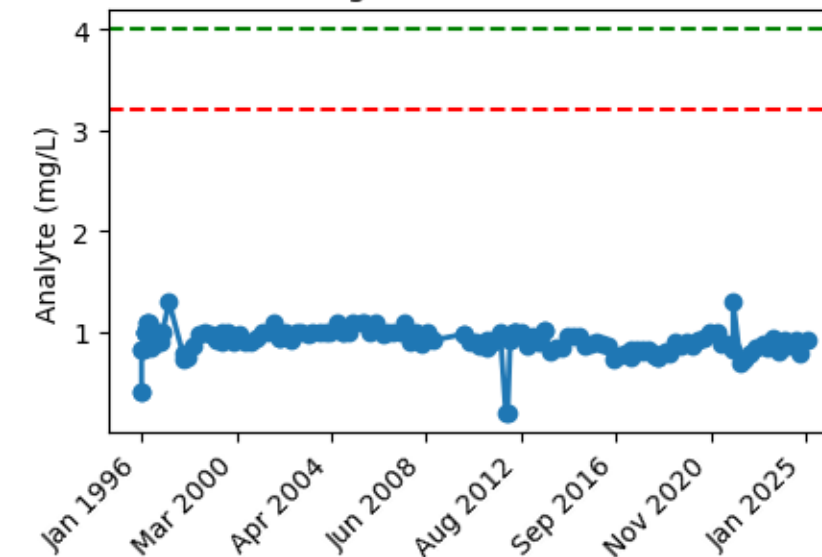
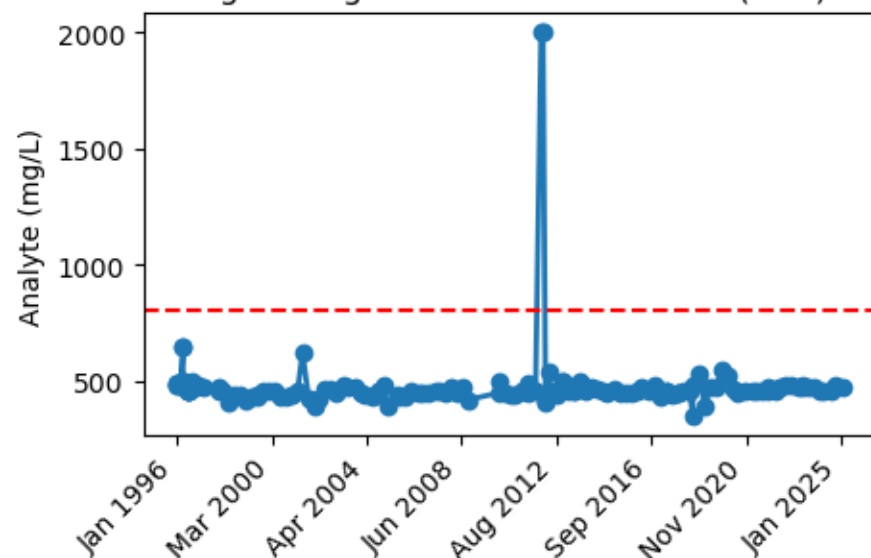


Figure 32g. Total Dissolved Solids (TDS)



Notes:

AL = Alert Level

AQL = Aquifer Quality Limit

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

Non-detect results are represented as half the applicable reporting limit

mg/L = milligrams per Liter

uS/cm = microSiemens per centimeter

Water Level Elevation

Figure 33a. M14-GL

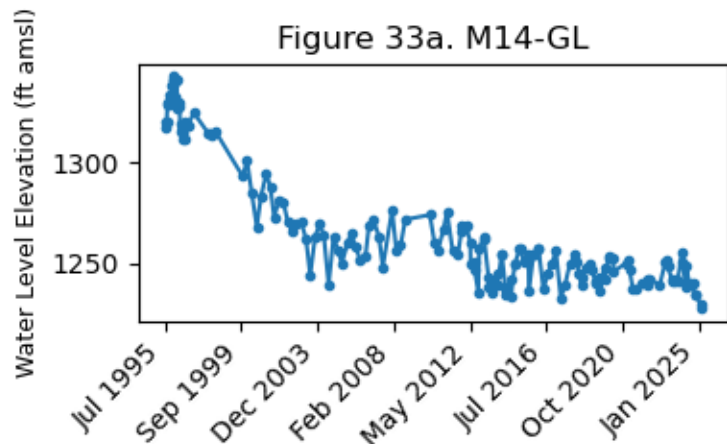


Figure 33b. M15-GU

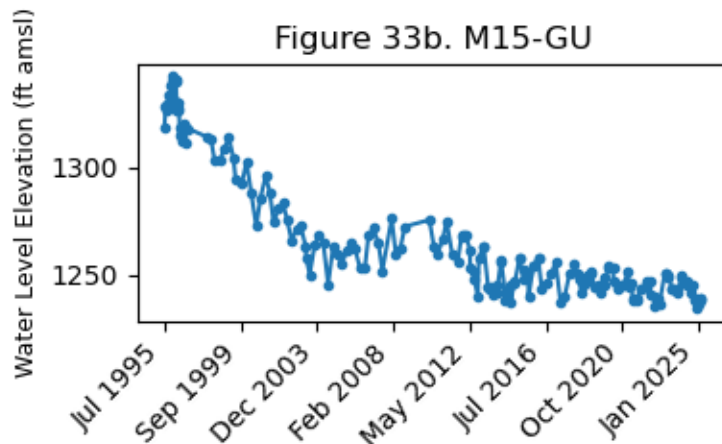


Figure 33c. M16-GU(R)

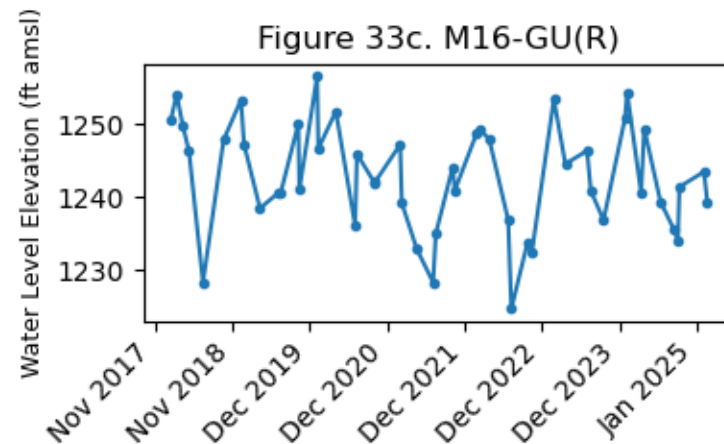


Figure 33d. M17-GL

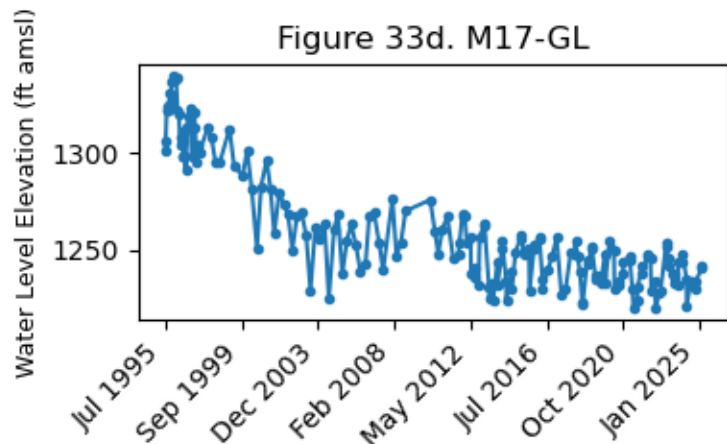


Figure 33e. M18-GU

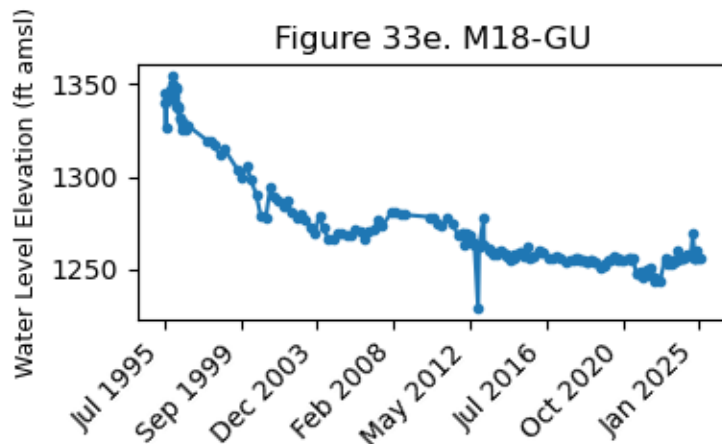


Figure 33f. M19-LBF

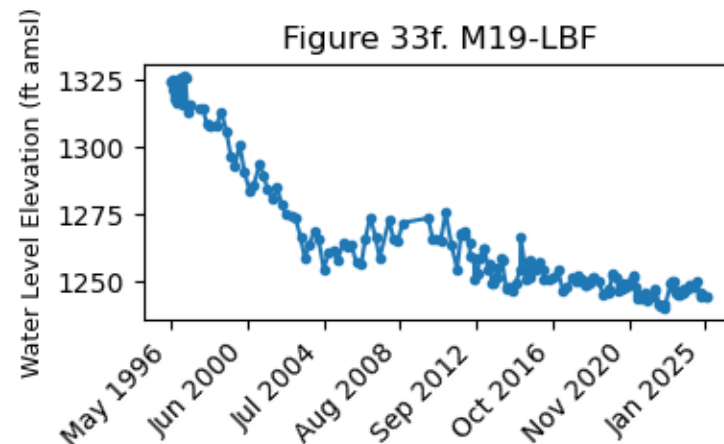


Figure 33g. M1-GL

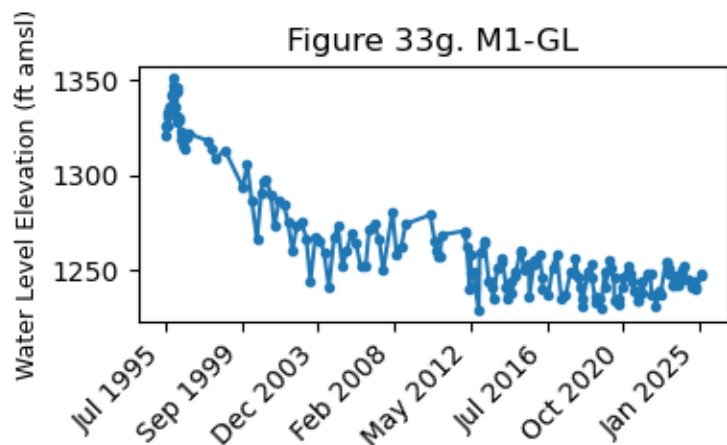


Figure 33h. M20-O(R)

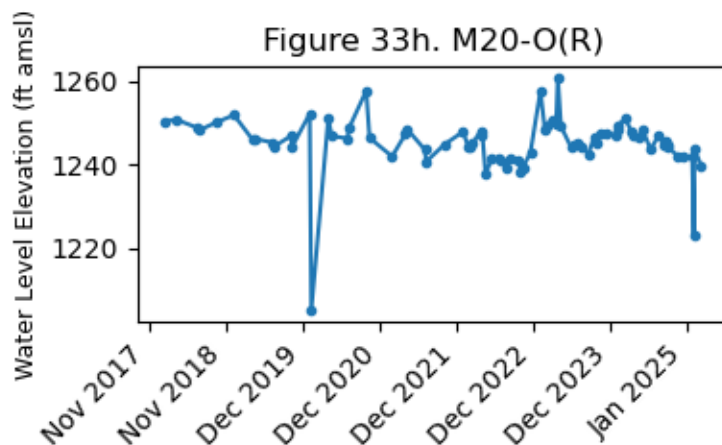


Figure 33i. M21-UBF

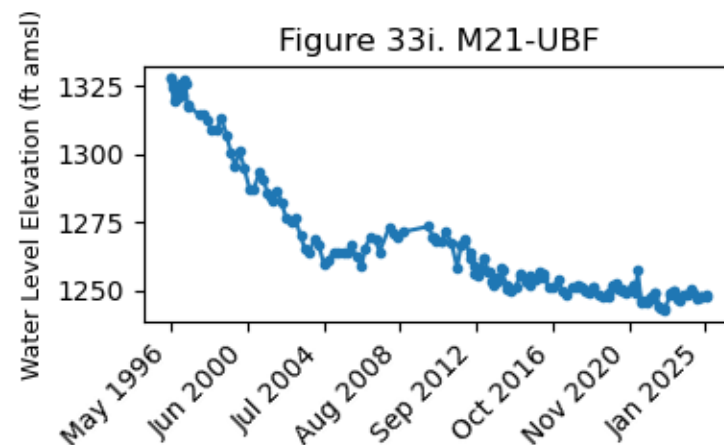


Figure 33j. M22-O

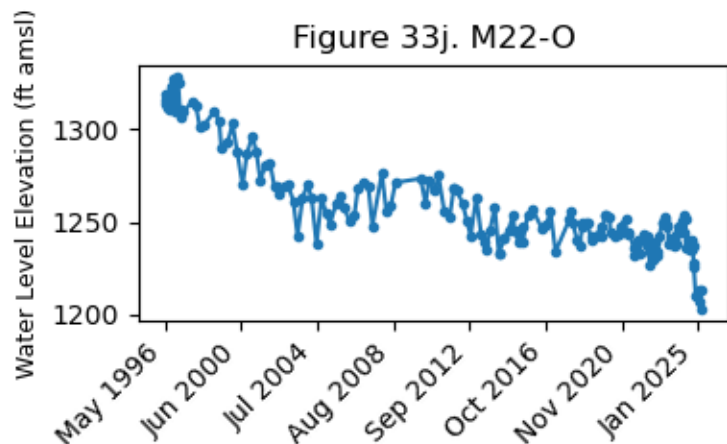
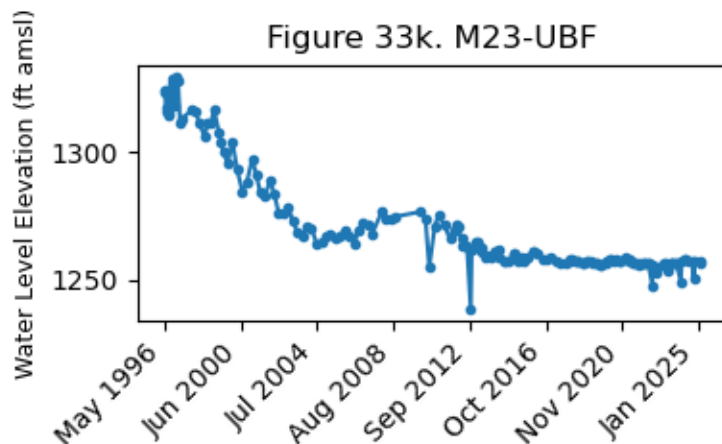


Figure 33k. M23-UBF



Notes:
amsl = above mean sea level

Water Level Elevation

Figure 33l. M24-O

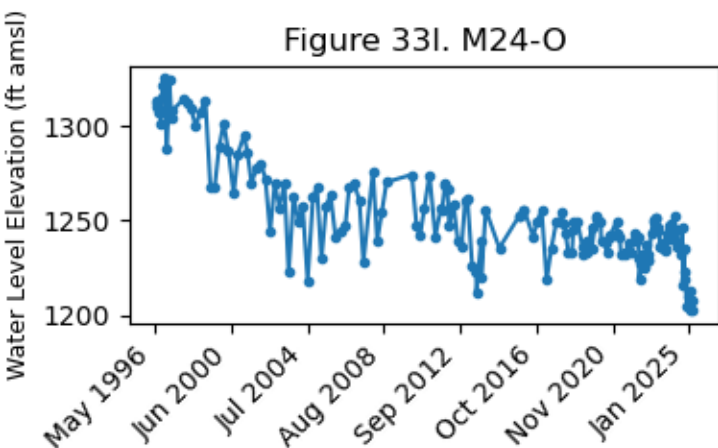


Figure 33m. M25-UBF

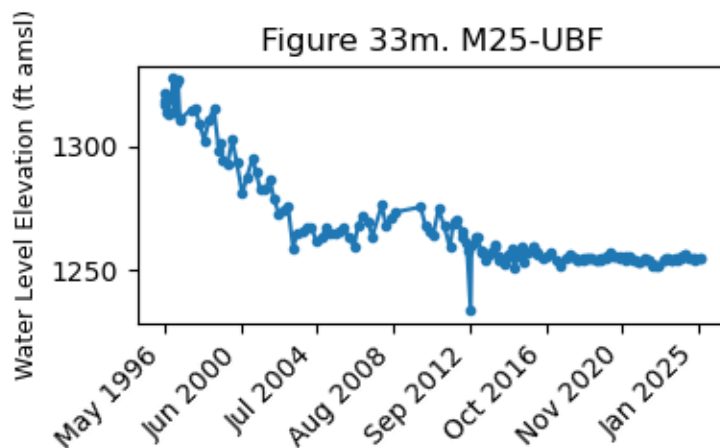


Figure 33n. M26-O

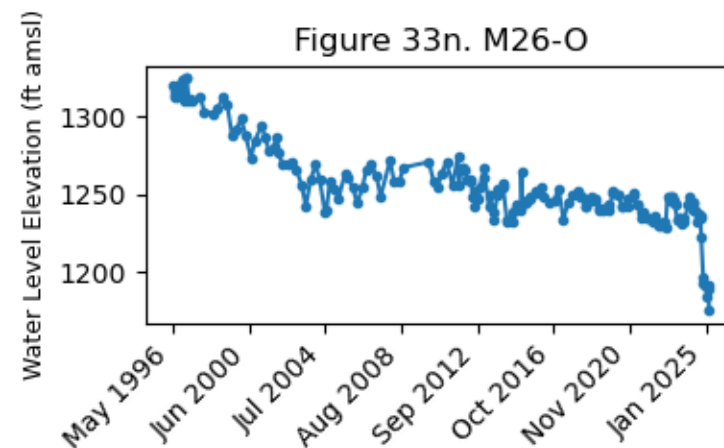


Figure 33o. M27-LBF

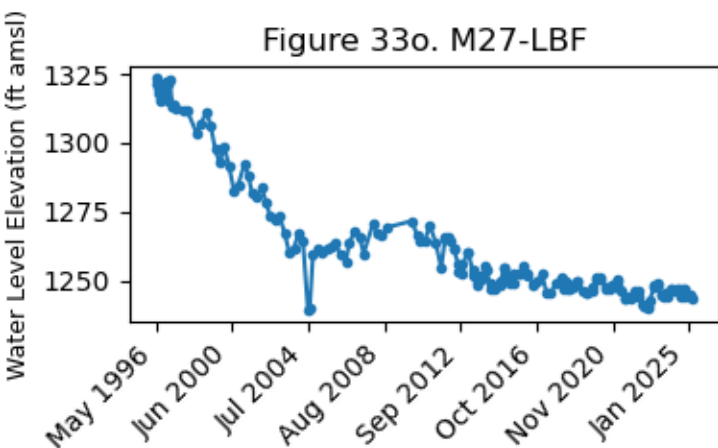


Figure 33p. M28-LBF

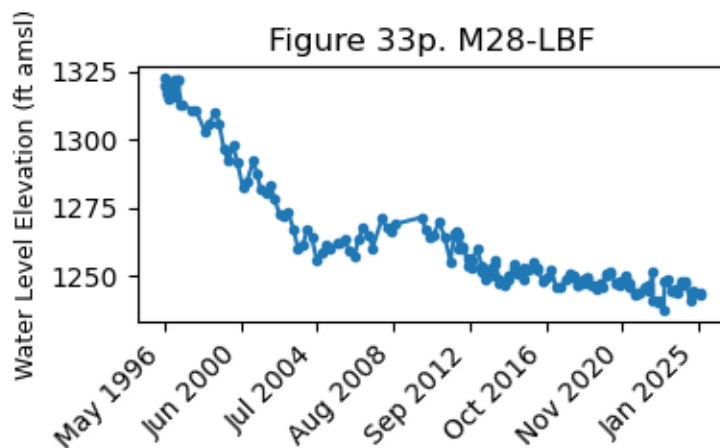


Figure 33q. M29-UBF

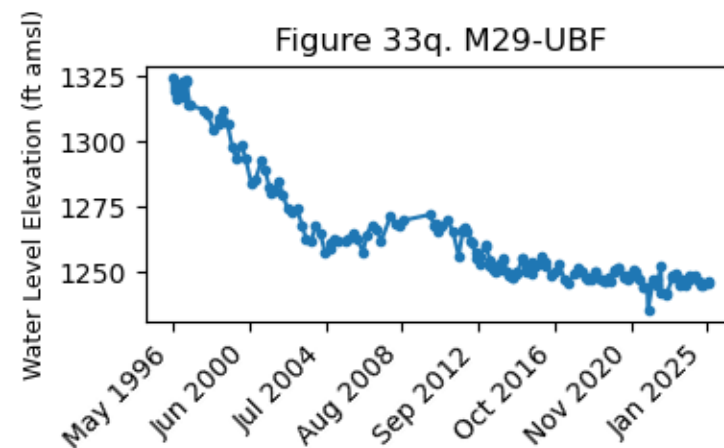


Figure 33r. M2-GU

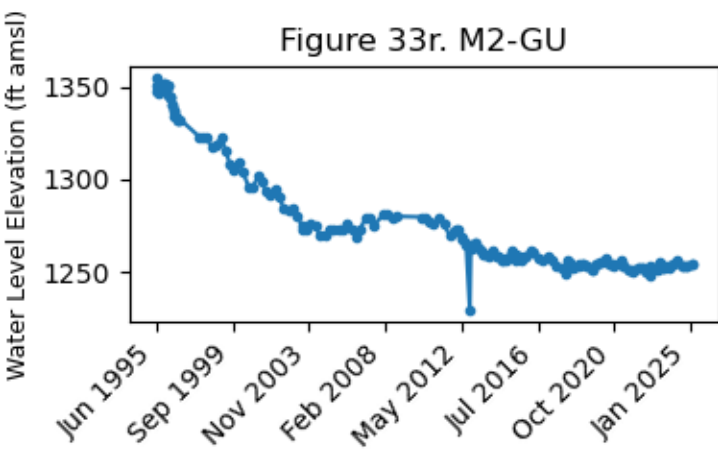


Figure 33s. M30-O

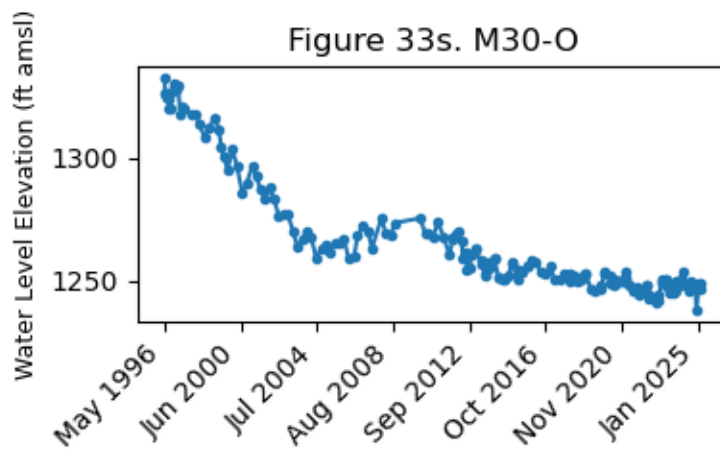


Figure 33t. M31-LBF

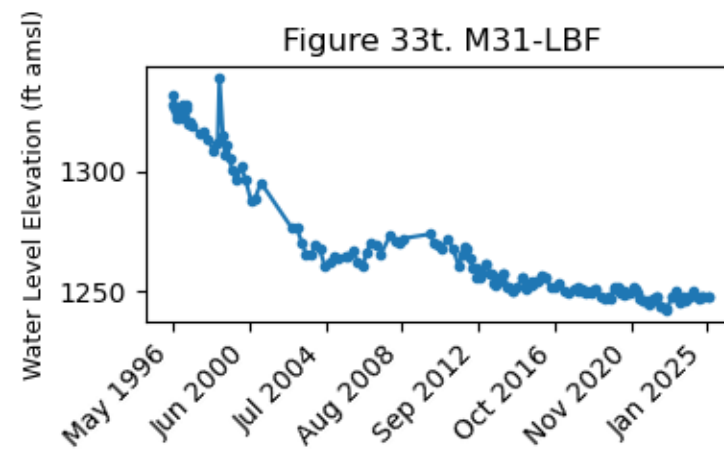


Figure 33u. M3-GL

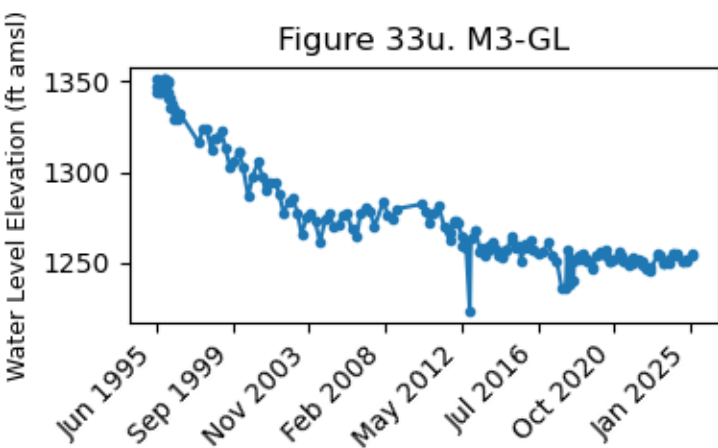
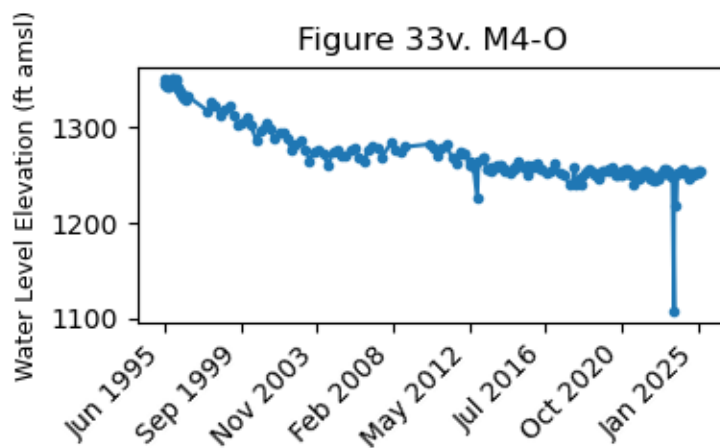


Figure 33v. M4-O



Notes:
amsl = above mean sea level

Water Level Elevation

Figure 33w. M52-UBF

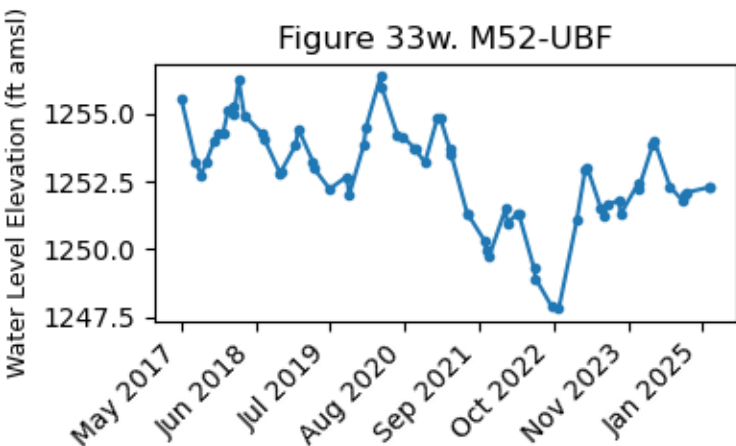


Figure 33x. M54-LBF

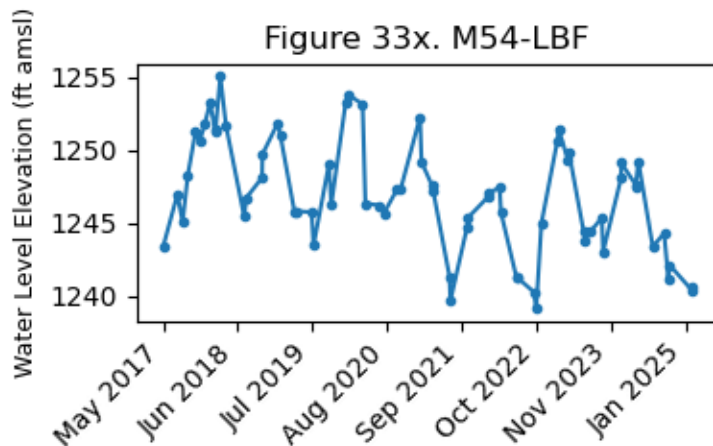


Figure 33y. M54-O

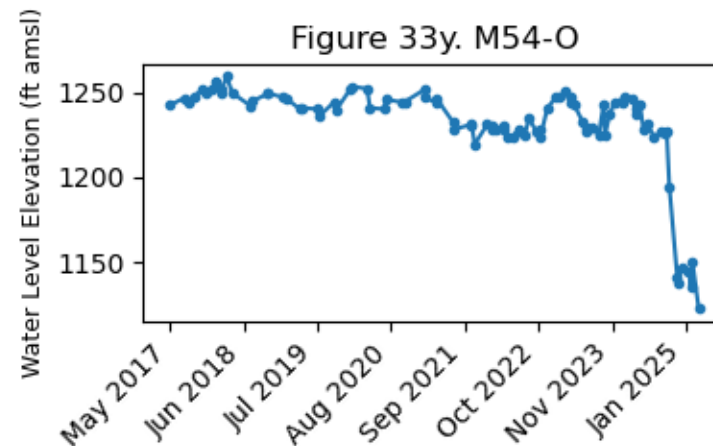


Figure 33z. M6-GU

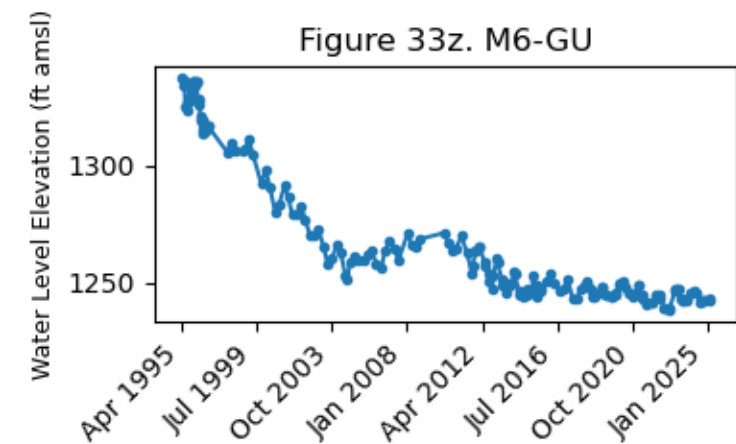


Figure 33aa. M7-GL

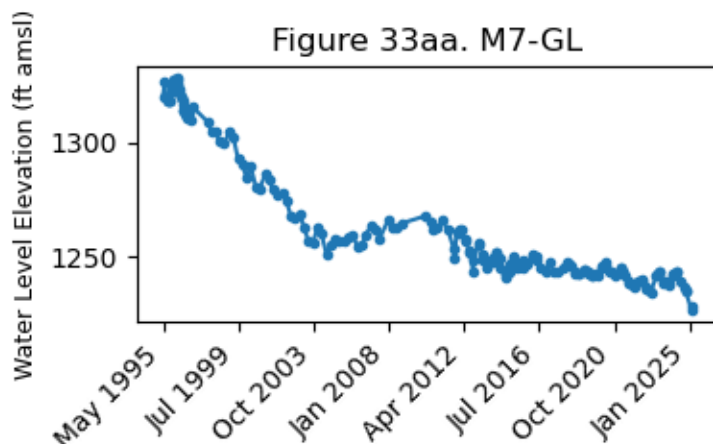


Figure 33ab. M8-O

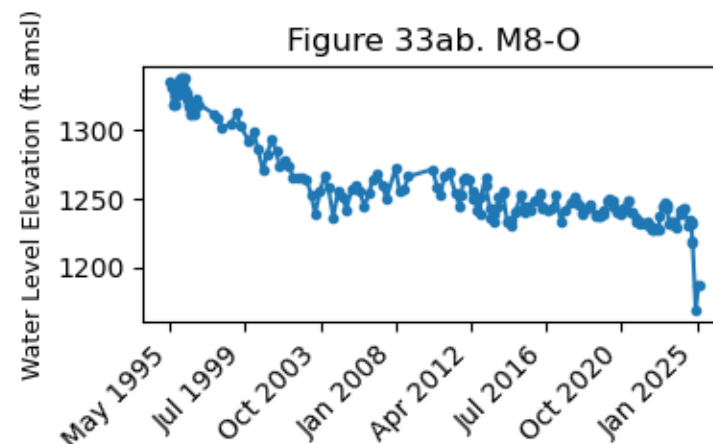


Figure 33ac. O19-GL

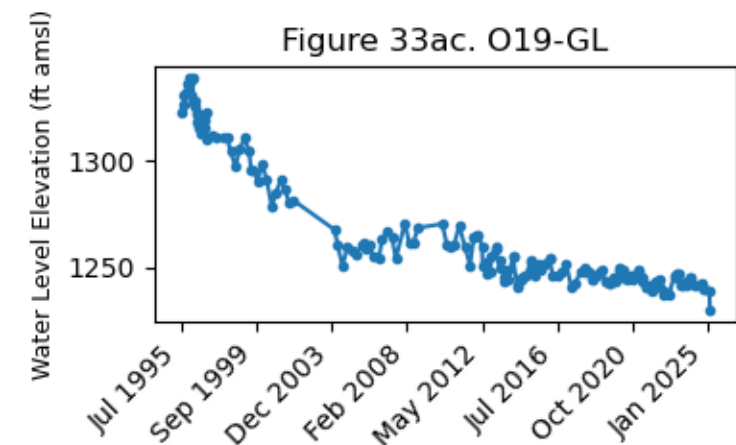


Figure 33ad. O49-GL(R)

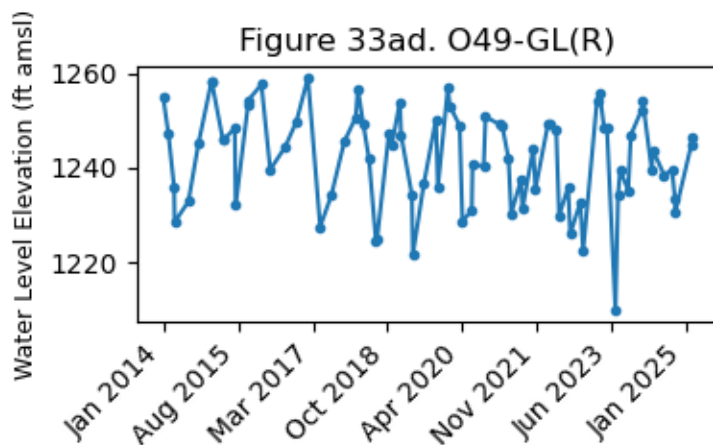


Figure 33ae. P19-1-O

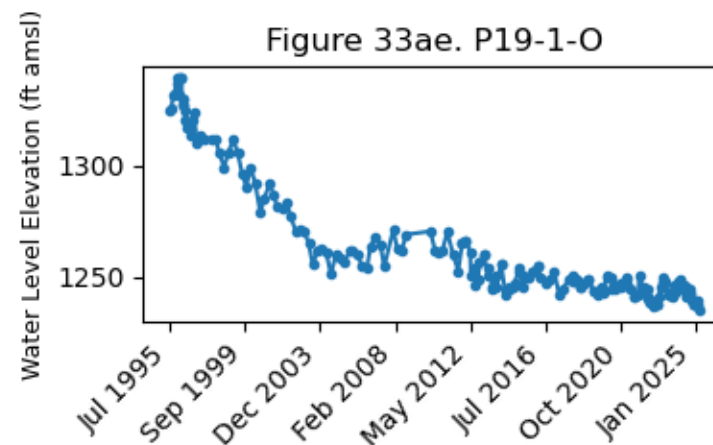
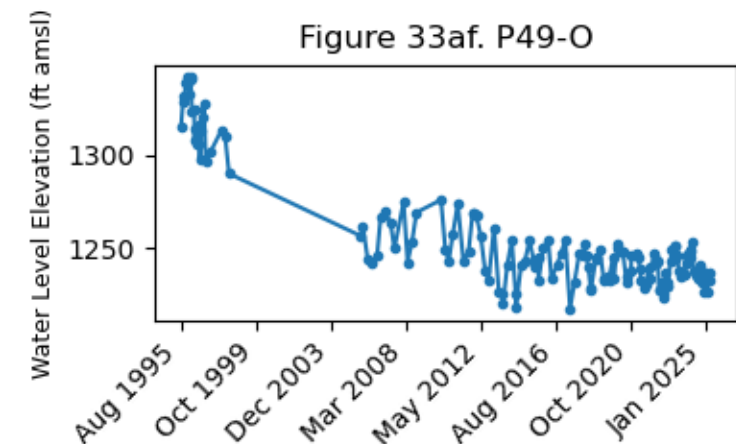


Figure 33af. P49-O

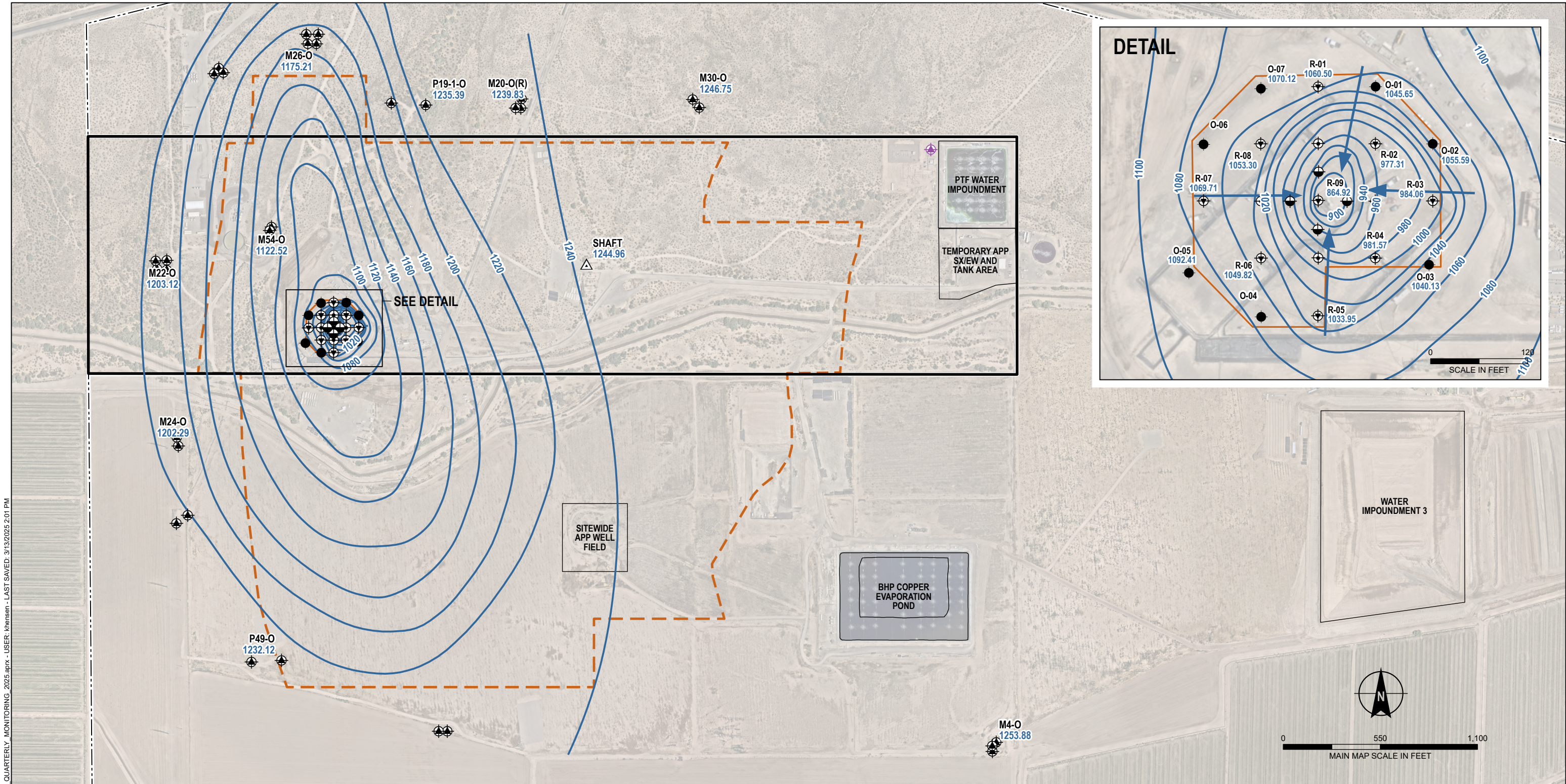


Notes:
amsl = above mean sea level

ATTACHMENT 8

Quarterly Groundwater Elevation Contour Map

GIS FILE PATH: G:\Projects\Florence Copper\GIS\133887_000 QUARTERLY MONITORING_2025.aprx - USER: thensen - LAST SAVED: 3/13/2025 2:01 PM



LEGEND

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

NOTES

1. APP PERMIT NO. 101704, LTF 88973
2. UIC PERMIT NO: R9UIC-AZ3-FY19-1
3. WATER LEVEL DATA WAS COLLECTED ON 10 MARCH 2025.
4. WELLS WITH IDs AND GROUNDWATER ELEVATION WERE USED IN CONTOURING.
5. WELLS O-04 AND O-06 WERE DOWN FOR RECONDITIONING.
6. AERIAL IMAGERY SOURCE: NEARMAP, 28 MAY 2024

HALEY
ALDRICH

FLORENCE COPPER, LLC
FLORENCE, ARIZONA

QUARTERLY CONTOUR MAP
MARCH 2025

Florence
Copper

APRIL 2025

FIGURE 1

ATTACHMENT 9

Table of Wells in the Discharge Impact Area

Q1 2025 MONITORING WELLS WITHIN
THE DISCHARGE IMPACT AREA
FLORENCE COPPER LLC
FLORENCE, ARIZONA

Table 1. Monitoring Wells Within the Discharge Impact Area

Well ID	Latitude	Longitude	Well Depth (feet)
M54-LBF	33°03'7.07"N	111°26'9.29"W	629
M54-O	33°03'6.91"N	111°26'9.22"W	1199
P49-O	33°02'42"N	111°26'07"W	1242

**Q1 2025 MONITORING WELLS WITHIN
THE DISCHARGE IMPACT AREA**
FLORENCE COPPER LLC
FLORENCE, ARIZONA

Table 2. Water Levels Within the Discharge Impact Area

Location ID	Date	Depth to Water	Description of Measuring Point	Elevation of Measuring Point	Water Level Elevation
		(feet)		(feet amsl)	(feet amsl)
M54-LBF	02/03/2025	241.51	TOC	1481.92	1240.41
M54-LBF	02/04/2025	241.35	TOC	1481.92	1240.57
M54-O	01/14/2025	337.42	TOC	1482.47	1145.05
M54-O	01/27/2025	346.47	TOC	1482.47	1136.00
M54-O	02/03/2025	331.91	TOC	1482.47	1150.56
M54-O	03/10/2025	359.95	TOC	1482.47	1122.52
P49-O	01/27/2025	236.60	TOM	1463.12	1226.52
P49-O	02/03/2025	227.82	TOM	1463.12	1235.30
P49-O	02/12/2025	225.89	TOM	1463.12	1237.23
P49-O	03/10/2025	231.00	TOM	1463.12	1232.12
Mine Shaft	01/27/2025	235.12	TOS	1480.40	1245.28
Mine Shaft	02/03/2025	233.65	TOS	1480.40	1246.75
Mine Shaft	03/10/2025	235.44	TOS	1480.40	1244.96
Status of Local Production Wells					
BIA-10	2/3/2025	Not Pumping			
PW2-1	2/3/2025	Pumping			

Notes:

amsl = above mean sea level

TOC = top of casing

TOM = top of monument

TOS = top of stickup

ATTACHMENT 10

10A – Groundwater Sampling Results for POC Wells

10B – Summary of Quarterly Water Levels

ATTACHMENT 10A

Groundwater Sampling Results for POC Wells

TECHNICAL MEMORANDUM

April 28, 2025
File No. 133887-020

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
Aquifer Protection Permit (APP) and Underground Injection Control (UIC) Permit,
First Quarter 2025



Haley & Aldrich, Inc. has prepared this memorandum to convey the results of the quarterly compliance groundwater monitoring conducted during the first quarter (Q1) 2025 at the Florence Copper Project. The Florence Copper Project is subject to two related permits issued by the Arizona Department of Environmental Quality (ADEQ) and the U.S. Environmental Protection Agency (USEPA).

APP Covering all Present and Future In Situ Copper Recovery Operations:

- ADEQ APP No. P-101704 (LTF 102081) dated June 27, 2024.

UIC Permit Covering all Present and Future In Situ Copper Recovery Operations:

- USEPA UIC Permit No. R9UIC-AZ3-FY19-1 dated July 9, 2024.

This report conveys the results of the Q1 2025 groundwater monitoring activities required by the APP and UIC Permit.

SAMPLING ACTIVITIES

During Q1 2025, monitoring was conducted at 32 point of compliance (POC) wells. All wells are incorporated in both the APP and UIC Permit with the exception of M52-UBF, which is only listed in the APP. Water levels were measured on February 3, 2025, and quarterly groundwater sampling was conducted between January 14 and March 12, 2025. Groundwater sampling and analysis was conducted in accordance with the requirements of Section 2.5.3 of the APP and 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 2.5.3 of the APP and 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, M54-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. No other modified sampling procedures were used.

Each sample was labeled, placed in a cooler with ice, maintained at 4 degrees Celsius ($^{\circ}\text{C}$) $\pm 2^{\circ}\text{C}$, and transported under chain of custody to Turner Laboratories, Inc. (Turner) for analysis. Samples were analyzed for the quarterly (Level 1) monitoring parameters listed in Section 4.0, Table 13 of the APP and Table 1 of the UIC Permit.

RESULTS

The results of the Q1 2025 monitoring event are presented in Tables 1 and 2 as follows:

- Table 1 – Q1 2025 Field Parameters;¹ and
- Table 2 – Q1 2025 Quarterly (Level 1) Analytical Parameters

The Q1 2025 results were compared to the alert levels (AL) and aquifer quality limits (AQL) listed in the applicable tables in Section 4.0 of the APP and Appendix J of the UIC Permit.

No AQL exceedances occurred during Q1 2025; however, AL exceedances occurred at wells M15-GU and M27-LBF, as discussed below. A quality assurance/quality control summary of the Q1 2025 data is provided in Appendix A.

CONTINGENCY SAMPLING PLANS

Contingency sampling plan procedures consistent with Section 2.6.2.5.1 of the APP and Section II.H.2.a of the UIC Permit were implemented during Q1 2025.

Point of Compliance Well M15-GU

Well M15-GU had a confirmed sulfate AL exceedance in Q3 2024. Florence Copper submitted an initial notification to USEPA and ADEQ on September 17, 2024 and a summary of their investigation on September 22, 2024. In accordance with Section 2.6.2.5.1 of the APP, Florence Copper LLC (Florence Copper) also initiated monthly sampling of quarterly compliance monitoring parameters.

In Q1 2025, well M15-GU was sampled on January 14, February 11, and March 6, 2025. Results and exceedances are provided in the table below. All other parameters were below their respective ALs/AQLs in each sample.

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 APP or UIC Permit and therefore is not reported.

Results for Well M15-GU				
Date	Parameter	Result	APP & UIC Permit AL	APP & UIC Permit AQL
January 14, 2025	Sulfate	130 mg/L	126 mg/L	No AQL
February 11, 2025		105 mg/L	126 mg/L	No AQL
March 6, 2025		110 mg/L	126 mg/L	No AQL
Notes: <i>Bold = Exceedances</i> <i>AL = alert level</i> <i>APP = Aquifer Protection Permit</i> <i>AQL = aquifer quality limit</i> <i>mg/L = milligrams per liter</i> <i>UIC Permit = Underground Injection Control Permit</i>				

The sulfate exceedance at M15-GU is not the result of solution migrating from the Production Test Facility (PTF) wellfield. Well M15-GU is located approximately 800 feet from the PTF wellfield and although located downgradient of the facility, well M15-GU is screened in the Upper Basin Fill Unit (UBFU) above the clay Middle Fine-Grained Unit and is hydraulically isolated from the injection and recovery zone by both groundwater gradient and lithology. Hydraulic control has been maintained throughout PTF operations, and fluid was not injected into and has not migrated into the UBFU, as verified by bulk conductivity monitoring during PTF operations. Increased frequency monitoring at M15-GU will continue during subsequent quarters until four consecutive samples are reported below all ALs.

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, Florence Copper initiated monthly sampling of quarterly compliance monitoring parameters during Q2 2023. During Q1 2025, sample collection was attempted on January 14, February 5, and March 6, 2025. During all three attempts, the well pumped dry, and collection of a sample was not feasible because the well did not produce sufficient water. Florence Copper reported the well to be dry on a monthly basis to ADEQ via email because Incident ID INC15812 has been closed on myDEQ.

Point of Compliance Well M27-LBF

On March 11, 2025, Florence Copper was notified of a potential AL exceedance of sulfate in well M27-LBF from the sample collected on February 11, 2025. The sulfate concentration was reported at 182 milligrams per liter (mg/L), above the APP and UIC Permit AL of 179 mg/L. In accordance with APP Section 2.6.2.5.1. and UIC Section II.H.2.a, a verification sample was collected on March 12, 2025.

On April 3, 2025, Florence Copper was notified that the concentration of sulfate was reported at 182 mg/L, above the APP and UIC Permit AL. The result confirmed the previous exceedance. Florence Copper submitted an initial notification to USEPA and ADEQ on April 8, 2025. A summary of the investigation and subsequent mitigation plan to address the exceedance was submitted to USEPA and ADEQ on April 13, 2025. Monthly sampling at M27-LBF is scheduled to begin in Q2 2025.

Florence Copper LLC

April 28, 2025

Page 4

Attachments:

Table 1 – Q1 2025 Field Parameters

Table 2 – Q1 2025 Quarterly (Level 1) Analytical Parameters

Appendix A – Data Quality Assurance/Quality Control Summary

\\haleyaldrich.com\share\phx_common\Projects\Florence Copper\133887 Quarterly Monitoring\Deliverables\1Q 2025 Reports\1Q 2025 APP
Report\Attachments\APP 10A UIC 5C - Quarterly Compliance Monitoring Report\2025-0428_APP POC 1Q2025_F.docx

TABLES

TABLE 1
Q1 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	02/05/2025	22.2	72.0	7.57	1,116
M2-GU	02/05/2025	21.6	70.9	7.31	1,671
M3-GL	02/05/2025	21.9	71.4	7.35	1,423
M4-O	02/05/2025	22.8	73.0	7.37	708
M6-GU	02/12/2025	22.8	73.0	8.71	676
M7-GL	02/12/2025	22.7	72.9	9.42	475.8
M8-O	02/12/2025	23.3	73.9	9.27	658
M14-GL	02/19/2025	25.3	77.5	7.82	845
M15-GU	01/14/2025	24.7	76.5	7.64	1,563
M15-GU ⁽¹⁾	02/11/2025	24.8	76.6	7.62	1,460
M15-GU ⁽¹⁾	03/06/2025	24.1	75.4	7.53	1,344
M16-GU(R)	02/19/2025	23.8	74.8	7.35	1,521
M17-GL	02/04/2025	24.0	75.2	7.39	1,553
M19-LBF	02/06/2025	24.2	75.6	7.79	812
M20-O(R)	02/06/2025	24.0	75.2	7.41	780
M21-UBF	02/06/2025	23.3	73.9	7.51	1,522
M22-O	02/13/2025	27.8	82.0	8.39	734
M23-UBF	02/18/2025	23.5	74.3	7.48	1,822
M24-O	02/18/2025	30.3	86.5	8.27	1,516
M25-UBF	02/18/2025	22.0	71.6	7.33	2,314
M26-O	02/11/2025	23.6	74.5	8.88	514
M27-LBF	02/11/2025	23.6	74.5	7.55	1,713
M27-LBF ⁽²⁾	03/12/2025	23.6	74.5	7.29	1,844
M28-LBF	02/10/2025	23.5	74.3	8.60	674
M29-UBF	02/13/2025	21.7	71.1	7.35	1,610
M30-O	02/10/2025	23.1	73.6	7.60	855
M31-LBF	02/10/2025	23.0	73.4	7.49	1,490
M52-UBF	02/10/2025	20.9	69.6	7.49	1,429
M54-LBF	02/04/2025	24.0	75.2	7.39	1,553
M54-O	01/14/2025	27.0	80.6	7.94	791
O19-GL	02/13/2025	22.7	72.9	7.81	802
O49-GL(R)	02/06/2025	25.8	78.4	7.77	1,364
P19-1-O	02/13/2025	22.7	72.9	7.52	735
P49-O	02/12/2025	27.5	81.5	7.67	761

Notes:

(1) Increased frequency monitoring conducted on 2/11/2025 and 3/6/2025.

(2) Verification sampling conducted on 3/12/2025.

All wells are permitted under both the APP and UIC Permit with the exception of M52-UBF, which is only permitted under the APP.

µmhos/cm = micromhos per centimeter

APP = Aquifer Protection Permit No. P-101704

Deg C = degrees Celsius

Deg F = degrees Fahrenheit

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

TABLE 2
Q1 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	02/05/2025	Primary	< 0.10	31	120	184.2	0.62	3.2	4.0	450	1028
M2-GU	02/05/2025	Primary	35	39	190	275	0.63	3.2	4.0	230	1496
M3-GL	02/05/2025	Primary	26	36	160	187	0.44 J	3.2	4.0	1,000	1157
M3-GL	02/05/2025	Duplicate	24	36	160	187	0.43 J	3.2	4.0	650	1157
M4-O	02/05/2025	Primary	5.4	15	55	405	2.1	NE	5.1	250	1072
M6-GU	02/12/2025	Primary	2.3 J	44	48.4	86	0.58	3.2	4.0	370	620
M7-GL	02/12/2025	Primary	0.17 J	1	13.2	82	0.74	3.2	4.0	270	464
M8-O	02/12/2025	Primary	0.12 J	1	64.1	122	2.2	3.6	4.0	420	609
M14-GL	02/19/2025	Primary	14	23	47.1	144	0.36 J	3.2	4.0	470	874
M15-GU	01/14/2025	Primary	32	44	130	126	0.40 J	3.2	4.0	880	1359
M15-GU ⁽¹⁾	02/11/2025	Primary	29	44	105	126	0.36 J	3.2	4.0	830	1359
M15-GU ⁽¹⁾	03/06/2025	Primary	26	44	110	126	0.43 J	3.2	4.0	810	1359
M16-GU(R)	02/19/2025	Primary	34	52	177	248	0.44 J	3.2	4.0	920	1635
M17-GL	02/04/2025	Primary	5.7	9.3	94	209	0.58	3.2	4.0	450	831
M19-LBF	02/06/2025	Primary	12	21	42.1	89	0.29 J	3.2	4.0	450	794
M20-O(R)	02/06/2025	Primary	9.0	14	59.4	112	0.69	3.2	4.0	490	809
M21-UBF	02/06/2025	Primary	26	87	140	487	0.69	3.2	4.0	920	2867
M22-O	02/13/2025	Primary	5.9	8.6	46.2	86	0.60	3.2	4.0	420	1094
M23-UBF	02/18/2025	Primary	29	69	220	411	0.68	3.2	4.0	1,100	2392
M24-O	02/18/2025	Primary	8.0	19	523	1364	1.0	3.2	4.0	1,000	2363
M25-UBF	02/18/2025	Primary	42	76	243	387	0.53	3.2	4.0	1,400	2683
M25-UBF	02/18/2025	Duplicate	42	76	240	387	0.51	3.2	4.0	1,400	2683
M26-O	02/11/2025	Primary	0.22 J	1	50.7	105	1.2	3.4	4.0	320	556
M27-LBF	02/11/2025	Primary	35	51	182	179	0.24 J	3.2	4.0	990	1745
M27-LBF ⁽²⁾	03/12/2025	Primary	39	51	182	179	0.27 J	3.2	4.0	1,000	1745
M28-LBF	02/10/2025	Primary	1.8 J	2.6	25.8	81	0.60	3.2	4.0	360	610
M29-UBF	02/13/2025	Primary	28	84	182	456	0.67	3.2	4.0	990	2751
M30-O	02/10/2025	Primary	12	18	53.7	102	0.60	3.2	4.0	510	824
M31-LBF	02/10/2025	Primary	24	NE	158	330	0.71	3.2	4.0	870	NE
M52-UBF	02/10/2025	Primary	24	45	160	351	0.72	3.2	4.0	840	1666
M54-LBF	02/04/2025	Primary	21	46	160	329	0.65	3.2	4.0	920	1731
M54-O	01/14/2025	Primary	7.8	11	51	200	0.57	3.2	4.0	450	855
O19-GL	02/13/2025	Primary	11	17	53.0	99	0.51	3.2	4.0	480	770
O49-GL(R)	02/06/2025	Primary	16	18	110	181	0.35 J	3.2	4.0	800	801
O49-GL(R)	02/06/2025	Duplicate	17	18	109	181	0.36 J	3.2	4.0	800	801
P19-1-O	02/13/2025	Primary	5.4	23	60.4	144	1.5	3.2	4.0	450	874
P49-O	02/12/2025	Primary	3.5	18	112	181	0.92	3.2	4.0	470	849
Arizona Aquifer Water Quality Standard ⁽³⁾			--		--		4.0			--	

Notes:

(1) Increased frequency monitoring conducted on 2/11/2025 and 3/6/2025.

(2) Verification sampling conducted on 3/12/2025.

(3) Arizona Aquifer Water Quality Standard (AWQS), Drinking Water Standard, December 31, 2016.

All wells are permitted under both the APP and UIC Permit with the exception of M52-UBF, which is only permitted under the APP.

Alert Level Exceeded

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

APP = Aquifer Protection Permit No. P-101704

UIC = Underground Injection Control Permit No. R9UIC-AZ3-FY19-1

APPENDIX A
Data Quality Assurance/Quality
Control Summary Memorandum



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MEMORANDUM

April 28, 2025
File No. 133887-020

Prepared by: Haley & Aldrich, Inc.
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SUBJECT: Appendix A – Data Quality Assurance/Quality Control Summary

Analytical results for environmental samples collected during the first 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 control/quality assurance 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 with the following exceptions:

- For laboratory report 25C0240, the laboratory did not document the presence of a custody seal. Samples were accepted by the laboratory and the data are usable.
- On March 5, 2025, laboratory report 25B0291 was revised to correct results for magnesium and total dissolved solids (TDS).
- On April 3, 2025, laboratory report 25C0240 was revised to report the reanalysis of TDS.

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
25B0453	USEPA 300.0	Water	28 days	Cool to $\leq 6^{\circ}\text{C}$	M29-UBF-021325 was analyzed one day past the 28-day hold time due to reanalysis.
25C0240	SM2540C	Water	7 days	Cool to $\leq 6^{\circ}\text{C}$	M15-GU-030625 was analyzed after 7 days due to reanalysis.
Notes: <i>$^{\circ}\text{C}$ = degrees Celsius</i> <i>SM = Standard Method</i> <i>USEPA = U.S. Environmental Protection Agency</i>					

BLANK SAMPLE ANALYSIS

Method blank samples had no detections, indicating that no contamination from laboratory activities occurred.

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 with the following exceptions:

Laboratory Report	Associated Sample ID(s)	Sample Type	Method	Batch ID	Analyte	%R, RPD	Acceptable %R, RPD
25B0367	M15-GU-021125	MS	USEPA 200.7	2503042	Magnesium	68%	70-130%
25B0551	M25-UBF-DUP-021825	MS	USEPA 300.0	2503002	Sulfate	283%	80-120%
		MSD				275%	80-120%
Notes: % = percent %R = percent recovery MS = matrix spike MSD = matrix spike duplicate RPD = relative percent difference USEPA = U.S. Environmental Protection Agency							

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).

Primary Sample ID	Duplicate Sample ID	Methods for Which Field Duplicates Were Analyzed
M3-GL-020525	M3-GL-DUP-020525	Anions by USEPA 300.0 Total Dissolved Solids by SM 2540C Metals by USEPA 200.7
O49-GL(R)-020625	O49-GL(R)-DUP-020625	
M25-UBF-021825	M25-UBF-DUP-021825	
Notes: <i>SM = Standard Method</i> <i>USEPA = U.S. Environmental Protection Agency</i>		

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 10B

Summary of Quarterly Water Levels

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	02/03/2025	214.61	TOC	1461.75	1247.14
M1-GL	02/05/2025	213.75	TOC	1461.75	1248.00
M2-GU	02/03/2025	206.85	TOC	1460.80	1253.95
M2-GU	02/05/2025	206.93	TOC	1460.80	1253.87
M3-GL	02/03/2025	206.18	TOC	1460.74	1254.56
M3-GL	02/05/2025	205.86	TOC	1460.74	1254.88
M4-O	01/27/2025	207.70	TOC	1460.60	1252.90
M4-O	02/03/2025	206.64	TOC	1460.60	1253.96
M4-O	02/05/2025	206.20	TOC	1460.60	1254.40
M4-O	03/10/2025	206.72	TOC	1460.60	1253.88
M6-GU	02/03/2025	240.37	TOC	1482.45	1242.08
M6-GU	02/12/2025	239.43	TOC	1482.45	1243.02
M7-GL	02/03/2025	254.74	TOC	1481.22	1226.48
M7-GL	02/12/2025	253.00	TOC	1481.22	1228.22
M8-O	02/03/2025	293.95	TOC	1480.46	1186.51
M8-O	02/12/2025	292.90	TOC	1480.46	1187.56
M14-GL	02/03/2025	247.12	TOC	1480.46	1230.00
M14-GL	02/19/2025	249.42	TOC	1460.46	1227.70
M15-GU	01/14/2025	238.00	TOC	1477.12	1238.53
M15-GU	02/03/2025	238.72	TOC	1477.12	1237.81
M15-GU	02/11/2025	237.40	TOC	1476.53	1239.13
M16-GU(R)	02/03/2025	225.10	TOC	1476.53	1243.47
M16-GU(R)	02/19/2025	229.32	TOC	1476.53	1239.25
M17-GL	02/03/2025	225.55	TOM	1468.57	1240.61
M17-GL	02/04/2025	224.40	TOM	1468.57	1241.76
M18-GU	01/14/2025	207.00	TOC	1466.16	1259.16
M18-GU	02/03/2025	206.69	TOC	1466.16	1255.71
M18-GU	02/05/2025	206.81	TOC	1466.16	1259.35
M18-GU	03/06/2025	207.67	TOC	1466.16	1258.49
M19-LBF	02/03/2025	245.61	TOM	1466.16	1244.44
M19-LBF	02/06/2025	245.83	TOM	1462.40	1244.22
M20-O(R)	01/27/2025	248.68	TOM	1462.40	1241.74
M20-O(R)	02/03/2025	267.10	TOM	1462.40	1223.32
M20-O(R)	02/06/2025	246.71	TOM	1462.40	1243.71
M20-O(R)	03/10/2025	250.59	TOM	1490.05	1239.83
M21-UBF	02/03/2025	241.33	TOM	1490.05	1248.19
M21-UBF	02/06/2025	241.20	TOM	1490.42	1248.32
M22-O	01/27/2025	271.70	TOM	1490.42	1206.88
M22-O	02/03/2025	265.15	TOM	1490.42	1213.43
M22-O	02/13/2025	265.85	TOM	1490.42	1212.73
M22-O	03/10/2025	275.46	TOM	1489.52	1203.12
M23-UBF	02/03/2025	220.80	TOM	1489.52	1256.81
M23-UBF	02/18/2025	220.56	TOM	1478.58	1257.05
M24-O	01/27/2025	266.75	TOM	1478.58	1202.54
M24-O	02/03/2025	256.48	TOM	1478.58	1212.81
M24-O	02/18/2025	261.53	TOM	1478.58	1207.76
M24-O	03/10/2025	267.00	TOM	1477.61	1202.29
M25-UBF	02/03/2025	214.45	TOM	1477.61	1254.82
M25-UBF	02/18/2025	214.12	TOM	1469.29	1255.15
M26-O	01/27/2025	304.50	TOM	1469.29	1183.91
M26-O	02/03/2025	296.49	TOM	1469.29	1191.92

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)
M26-O	02/11/2025	298.45	TOM	1469.29	1189.96
M26-O	03/10/2025	313.20	TOM	1469.27	1175.21
M27-LBF	02/03/2025	244.43	TOM	1469.27	1244.42
M27-LBF	02/11/2025	243.58	TOM	1488.41	1245.27
M27-LBF	03/12/2025	245.08	TOM	1488.41	1243.77
M28-LBF	02/03/2025	246.16	TOM	1488.41	1243.29
M28-LBF	02/10/2025	245.65	TOM	1488.41	1243.80
M29-UBF	02/03/2025	243.51	TOM	1488.85	1245.98
M29-UBF	02/13/2025	243.28	TOM	1488.85	1246.21
M30-O	01/27/2025	238.11	TOM	1489.45	1248.25
M30-O	02/03/2025	237.69	TOM	1489.45	1248.67
M30-O	02/10/2025	237.20	TOM	1489.49	1249.16
M30-O	03/10/2025	239.61	TOM	1489.49	1246.75
M31-LBF	02/03/2025	237.98	TOM	1486.36	1247.95
M31-LBF	02/10/2025	237.60	TOM	1486.36	1248.33
M52-UBF	02/03/2025	232.75	TOC	1486.36	1252.29
M52-UBF	02/10/2025	232.75	TOC	1486.36	1252.29
M54-LBF	02/03/2025	241.51	TOC	1485.93	1240.41
M54-LBF	02/04/2025	241.35	TOC	1485.93	1240.57
M54-O	01/14/2025	337.42	TOC	1485.04	1145.05
M54-O	01/27/2025	346.47	TOC	1485.04	1136.00
M54-O	02/03/2025	331.91	TOC	1481.92	1150.56
M54-O	03/10/2025	359.95	TOC	1481.92	1122.52
O19-GL	02/03/2025	243.81	TOM	1482.47	1239.47
O19-GL	02/13/2025	253.20	TOM	1482.47	1230.08
O49-GL(R)	02/03/2025	220.85	TOM	1482.47	1244.98
O49-GL(R)	02/06/2025	219.20	TOM	1482.47	1246.63
P19-1-O	01/27/2025	247.35	TOM	1483.28	1237.37
P19-1-O	02/03/2025	245.33	TOM	1483.28	1239.39
P19-1-O	02/13/2025	246.44	TOM	1465.83	1238.28
P19-1-O	03/10/2025	249.33	TOM	1465.83	1235.39
P49-O	01/27/2025	236.60	TOM	1484.72	1226.52
P49-O	02/03/2025	227.82	TOM	1484.72	1235.30
P49-O	02/12/2025	225.89	TOM	1484.72	1237.23
P49-O	03/10/2025	231.00	TOM	1484.72	1232.12
Status of Local Production Wells					
BIA-9R	2/3/2025	Not Pumping			
BIA-10	2/3/2025	Not Pumping			
PW2-1	2/3/2025	Pumping			
WW-4	2/3/2025	Pumping			

Notes:

All wells are permitted under both the APP and UIC Permit with the exception of M52-UBF, which is only permitted under the APP.

amsl = above mean sea level

NM = not measured

TOC = top of casing

TOM = top of monument

ATTACHMENT 11

Resource Block Status Report

Q1 2025 RESOURCE BLOCK STATUS SUMMARY

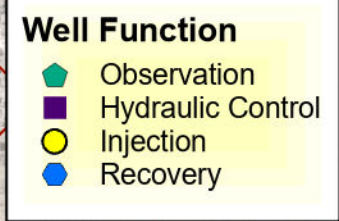
FLORENCE COPPER LLC

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	Yes			
053		Yes	Yes		Yes	
054		Yes	Yes		Yes	
062		Yes	Yes			

Notes:*(1) Resource block numbering provided in Figure 1 attached.**(2) Within a resource block, there may be a variety of wells under different operational statuses.*



ATTACHMENT 12

Monthly ISCR Wellfield Water Analytical Results

(Placeholder – Not Applicable for this Monitoring Period)

ATTACHMENT 13

Well Abandonment Report

(Placeholder – Not Applicable for this Monitoring Period)