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FILE: 4286-TM26-01

June 15, 2026

Arizona Department of Environmental Quality
APP Unit, Groundwater Protection Value Stream, Water Quality Division
1110 West Washington Street
Phoenix, AZ 85007

Attention: Mr. Ardeshir Sharifabadiv, Project Manager

Re: Point-of-Compliance Ambient Groundwater Monitoring Report and Use Protection Limit Analysis, Copper World Project, Helvetia, Arizona

INTRODUCTION

The Arizona Department of Environmental Quality (ADEQ) has granted Copper World, Inc. (CWI) an Aquifer Protection Permit (APP) P-513690 authorizing them to operate the Copper World Project (Project) located in Pima County, Arizona, over the Upper Santa Cruz and Cienega Creek groundwater basins. Facility Operations are in Sections 10, 13, 14, 15, 22, 23, 24, 25, 27, 36 Township 18 South Range 15 East and Sections 19, 30, 31 Township 18 South Range 16 East of the Gila and Salt River Baseline and Meridian.

The Project APP requires groundwater monitoring at ten Point-of-Compliance (POC) monitoring wells: POC-01 through POC-10. The planning, drilling, construction, development and equipping of the Project POC wells is described in Piteau (2025a), including copies of all Arizona Department of Water Resources (ADWR) documents related to the wells, as-built diagrams of the wells, and latitude and longitude of each well.

The Project APP also requires the calculation of Use Protection Levels (UPL), including Alert Levels (AL) and Aquifer Quality Limits (AQL), for Arizona Water Quality Standard (AWQS) constituent. These calculations and their results are provided herein.

GROUNDWATER MONITORING

The Project POC wells were monitored for water levels and water quality on a monthly basis for the initial ambient monitoring period from July 2025 through February 2026. The program was extended for an additional month (April 2026) to manage the database and produce at least 8 data points for each POC well / constituent combination. Groundwater monitoring was conducted in accordance with the Project groundwater monitoring plan (Piteau, 2025b).

Copies of low-flow purge monitoring records and groundwater sampling forms are provided in Attachment 1. Copies of chain-of-custody documentation, laboratory analytical reports and laboratory QA/QC data are provided in Attachment 2. A summary of Project ambient monitoring data is provided in Table 1 (Attachment 3).

STATISTICAL METHODS

Summary statistics, distribution tests and trend analyses were performed using Project POC ambient groundwater monitoring data for constituents with an established numeric AWQS. The results are summarized in Table 2 (Attachment 3) and shown on Figures 1.1 through 10.24 (Attachment 4).

The AL statistic calculations we completed using the following criteria.

1. The AL shall be calculated for a parameter using the analyses from a minimum of eight sample events.
2. Any data where the laboratory Practical Quantitation Limit (PQL) exceeds 80% of the AWQS shall not be included in the AL calculation.
3. If a parameter is below the detection limit, the permittee must report the value as “less than” the numeric value for the PQL or detection limit for the parameter, not just as “non-detect”. For those parameters, the permittee shall use a value of one-half the reported detection limit for the AL calculation.
4. If the analytical results from more than 50% of the samples for a specific parameter are non-detect, then the AL shall be set at 80% of the AWQS.
5. If the calculated AL for a specific constituent and well is less than 80% of the AWQS, the AL shall be set at 80% of the AWQS for that constituent in that well.

Distribution Selection Methodology

In order to determine the distribution of the dataset the Shapiro-Wilk test (SW test) for normality and log normality (EPA, 2009, 2015) was applied. The SW test statistic is reported along with the critical-value in Table 2 (Attachment 3). The null hypothesis being tested with the SW test is that the dataset comes from an underlying normally or lognormally distributed population. When the critical value is greater than the SW test statistic, then the null hypothesis is rejected, and the alternative hypothesis is accepted. The alternative hypothesis in this case is that the underlying population is not normal or not log-normal. Data distributions were then assigned using a stepwise statistical decision framework based on Shapiro–Wilk normality testing supplemented with squared Pearson correlation coefficient (R^2), as a goodness-of-fit measure. The R^2 test compared the dataset to a normal and lognormal distribution by running a Q-Q probability plot for each and measuring how linearly the data falls on that plot using the squared Pearson correlation coefficient (R^2), where 1.0 is a perfect fit. Normal and lognormal distributions were evaluated independently under identical acceptance criteria. A dataset was classified as Normal if it either passed the Shapiro–Wilk normality test or achieved an R^2 value greater than or equal to 0.75 for the normal fit. Similarly, a dataset was classified as Log-Normal if it either passed the Shapiro–Wilk lognormality test or achieved an R^2 value greater than or equal to 0.75 for the lognormal fit. When neither distribution satisfied the acceptance criteria, the dataset was classified as Nonparametric, and parametric assumptions were not applied.

Outlier Evaluation

The EPA Guidance recommends testing datasets for outliers and removing outliers only when they exhibit much higher or lower concentrations than the rest of the dataset. Automated removal of outliers is not recommended. Instead, outliers should be evaluated on a case-by-case basis. The Rosner and the Interquartile Range (IQR) tests were performed on all POC wells. Both outlier

tests assume that the dataset without the suspected outliers is normally distributed. In addition, outliers were evaluated with boxplots, time-series plots, and probability plots (Figures 1.1 through 10.24 (Attachment 4)). Figures 1.1 through 10.24 show the information considered for each dataset that contains potential outliers prior to and after the decision to remove extreme outliers.

In boxplots used for outlier analysis (Figures 1.1 through 10.24 (Attachment 4)), outliers are shown as open circles and possible extreme outliers are shown as stars. Extreme outliers are those greater than the value representing the 75th quartile plus three times the interquartile range, or lower than the value representing the 25th quartile minus three times the interquartile range.

Probability plots were also used to evaluate outliers. The probability plots (Figures 1.1 through 10.24 (Attachment 4)) show theoretical quantiles on the x-axis, assuming a normal or log normal distribution, and sample quantiles on the y-axis. The probability plots also show a theoretical normal distribution regression line. Generally, most of the measured results plot near this line, whether they form a linear pattern or not. Outliers tend to plot farther from this line than the rest of the dataset. Probability plots were used to evaluate outliers, as well as to provide a visualization of whether the dataset fits a normal or log normal distribution model.

Time series plots were used to evaluate outliers with respect to increasing or decreasing trends in concentrations over time. If a potential outlier was part of a trend, the value was retained for analysis.

Outliers were evaluated on a case-by-case basis considering the results of the outlier test performed in Python, boxplots, and probability plots. Outliers that were not part of a trend were removed when all of the following criteria were met:

- Outliers appeared to be extreme in box plots;
- Outliers appeared to be extreme in probability plots; and
- The results from Rosner's or IQR test indicated the value is an outlier.

The constituents in the following wells have been identified as significant outliers as also indicated in Tables 2 and 3 (Attachment 3):

- POC-01 - Antimony (Figure 1.2)
- POC-01 - Gross Alpha Activity (Figure 1.12)
- POC-01 - Uranium (Figure 1.23)
- POC-02 - Adjusted Gross Alpha (Figure 2.1)
- POC-02 - Gross Alpha Activity (Figure 2.12)
- POC-03 - Total Radium (Figure 3.22)
- POC-03 - Uranium (Figure 3.23)
- POC-04 - Arsenic (Figure 4.3)
- POC-04 - Gross Alpha Activity (Figure 4.12)
- POC-04 - Nickel (Figure 4.15)
- POC-05 - Adjusted Gross Alpha (Figure 5.1)
- POC-05 - Beryllium (Figure 5.6)
- POC-05 - Uranium (Figure 5.23)

- POC-07 - Toluene (Figure 7.21)
- POC-08 - Antimony (Figure 8.2)
- POC-08 - Gross Alpha Activity (Figure 8.12)
- POC-08 - Uranium (Figure 8.23)
- POC-09 - Total Radium (Figure 9.22).

Trend Evaluation

The EPA Guidance recommends the Mann-Kendall (MK) test for evaluating trends in concentration over time. This test is appropriate for both parametric and nonparametric datasets and should occur after extreme outliers are removed. The MK test was performed on all POC wells / constituent combination. Results are included in Table 2 (Attachment 3) with the test statistic (s*) and p-value. Positive and negative S* values indicate an increasing and decreasing trend, respectively. The dataset is considered to be trending significantly when p-values are less than 0.05 (EPA, 2009). The MK test is valuable for determining whether there is a significantly increasing or decreasing trend, but it does not provide the rate of change. The trend test results are supported with time series plots for all POC well datasets. Certain MK Test results showing a significantly increasing and decreasing trend are not significant and were only identified in most cases because there are not enough detect data to conduct a valid analysis.

In some cases trends were not considered significant because concentration values were significantly below the AWQS.

Calculations of ambient groundwater concentrations at a site usually focus on the upper limits of the dataset, which can be challenging to estimate when values are increasing, and upper limits are not established. Well data that displays significant upward trends may require more frequent updates to ambient groundwater concentrations (EPA, 2009). As a result, a modified approach to determining AL values for these constituents may be warranted.

The constituents in the following wells have been identified either visually or using MK test results as trending after outliers have been removed. This is also indicated in Table 2 (Attachment 3):

- POC-01 - Gross Alpha Activity (Figure 1.12) – Decreasing
- POC-01 - Uranium (Figure 1.23) – Decreasing
- POC-02 - Gross Alpha Activity (Figure 2.12) – Increasing
- POC-02 – Total Radium (Figure 2.22) – Increasing
- POC-03 - Gross Alpha Activity (Figure 3.12) – Decreasing
- POC-04 - Fluoride (Figure 4.11) – Increasing
- POC-04 - Gross Alpha Activity (Figure 4.12) – Increasing
- POC-05 - Arsenic (Figure 5.3) – Increasing
- POC-05 - Uranium (Figure 5.23) – Increasing
- POC-06 - Gross Alpha Activity (Figure 6.12) – Increasing significantly
- POC-06 - Uranium (Figure 6.23) – Increasing

- POC-07 - Arsenic (Figure 7.3) – Decreasing.

ALERT LEVELS AND AQUIFER QUALITY LIMITS

The AL values required for the Project APP are limits that the EPA Guidance generally refers to as Background Threshold Values (BTVs). These are estimates of the upper limits of a dataset for compliance purposes, the most common of which are the mean plus two standard deviations or the upper tolerance limit (UTL). The UTL is a confidence limit on a percentile of the population. Typically, the UTL is chosen as the confidence limit of the 95th percentile calculated at the 95% confidence level (95UTL). In other words, at least 95% of the population will be less than the calculated 95UTL value with 95% confidence. The calculation of 95UTL is based on the distribution type (e.g., normal, log normal, nonparametric). The 95UTL calculation for a normal distribution is the same as the formula provided in the Project APP for the AL calculation (AL = M + KS, where M = mean, S = standard deviation, and K = one sided normal tolerance interval at the 95% confidence level). This calculation is appropriate for datasets that fit a normal distribution but may underestimate or overestimate datasets that fit other distribution types. In particular, the AL = M + KS calculation may be inappropriate for nonparametric distributions.

The nonparametric Upper Tolerance Limit (UTL) is calculated using a rank-based order statistic approach, which does not require any assumption about the underlying distribution of the data. The method works by sorting all sample results from lowest to highest and selecting the value that represents the upper 95th percentile of the observed dataset. This approach ensures that the selected UTL is directly supported by the measured data rather than being extrapolated from a fitted distribution. It should be noted that for datasets with a small number of samples, the nonparametric UTL may be equal to or near the maximum detected concentration, as the method is constrained by the range of available data.

The present results include the 95UTL value for normal, log normal, and nonparametric distributions, regardless of whether the dataset fits any one of these distribution types. The BTVs for the POC dataset are shown in Table 3 (Attachment 3) and include the following: (1) M + KS; (2) mean plus two standard deviations; and (3) normal, lognormal, or nonparametric 95UTL. The K value for the AL = M + KS calculation was obtained in python. Alternatively, the K value can be obtained directly or estimated from Table 17-3 in the USEPA Guidance (2009) or from Lieberman (1957). Each of the possible AL values are shown in Table 3 and the most appropriate is based on Project APP guidelines or the distribution type for the given dataset. The most appropriate AL values for each dataset are highlighted in green in Table 3. The ALs for constituents in all POC wells were determined by following the processes stipulated in the APP. Datasets with greater than 50 percent non-detects were assigned an AL value of 80 percent of the AWQS (Table 3 (Attachment 3)). The full datasets with and without extreme outliers removed are shown in Table 3 for comparison purposes, but datasets with extreme outliers should not be used to calculate AL values according to the Project APP guidelines. For datasets that follow a parametric distribution, it is recommended that the AL or ambient data be calculated as the greater of the AL = M + KS value or 80% of the AWQS. For nonparametric datasets, the greater of the nonparametric UTL or 80% of the AWQS is recommended (Table 3).

The AQL for constituents in each well is shown in Table 3 (Attachment 3). These values were determined according to the Project APP guidelines. When calculated AL values the ambient data, were less than the AWQS value, the AQL was set equal to the AWQS. When calculated AL values or the ambient data, were greater than the AWQS value, the AQL was set equal to the AL value. In these cases, no AL would be set for a given constituent in the given POC well.

SUMMARY

The Project APP requires groundwater monitoring at POC wells, and each POC well requires an AL and/or an AQL calculation for constituents listed among the AWQS. For this report, statistical analysis was performed on the datasets for constituents with an established numeric AWQS in all POC wells. Ambient groundwater conditions were monitored, and samples were analyzed in accordance with the Project POC groundwater monitoring plan (Piteau, 2025b) and the resulting dataset was used to calculate ALs and AQLs, where appropriate. USEPA Guidance was followed to provide summary statistics, distribution, outlier, and trend analysis prior to calculating ALs and/or AQLs (USEPA, 2009, 2015). The statistical analysis and calculation of AL and/or AQL values described in this memorandum follows the Project APP formula for parametric distributions and a slightly different method for nonparametric distributions.

The most appropriate AL and AQL values for constituents with an established numeric AWQS in all POC wells are shown in Table 4 (Attachment 3). The AL for datasets containing 50% and below NDs was calculated as the greater of the AL = M + KS value or 80% of the AWQS. The AQL for these datasets was set equal to the AWQS if the AL was less than the AWQS and was set equal to the AL if the AL was greater than the AWQS. When the AQL equals the AWQS, no AL is to be set for the constituent in the given POC well.

Well/constituent combinations that display increasing trends may require updates to ambient groundwater concentrations (USEPA, 2009). Due to increasing trends identified above, UPLs are not currently recommended to be established for those well/constituent combinations. Table 4 (Attachment 3) indicates the eight increasing trend well/constituent combinations as “Reserved” pending additional ambient monitoring and analysis. Four additional quarterly monitoring events through second quarter 2027 are recommended prior to establishing UPLs for the indicated well/constituent combinations.

REFERENCES

Piteau Associates, 2025a. Drilling and Completion of Point of Compliance Monitoring Wells, Copper World Project, Arizona. August.

Piteau Associates, 2025b. Copper World Project, Point of Compliance Monitoring Program Work Plan. Prepared for Copper World, Inc. April.

United States Environmental Protection Agency (USEPA), 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance. EPA/530/R-09/007.

USEPA, 2015. Computing Upper Limits to Estimate Background Threshold Values Based Upon Uncensored Data Sets without Non-detect Observations in The ProUCL Version 5.0 Technical Guidance. EPA/600/R-07/041.

CLOSING

We trust that the data and analysis presented herein meets the requirements of ADEQ at this time. Please do not hesitate to contact the undersigned with any comments or questions.

Sincerely,

PITEAU ASSOCIATES USA LTD.

REGISTERED GEOLOGIST
CERTIFICATE NO.
71971
BRIAN
GIROUX
Date Signed 6-12-26
ARIZONA U.S.A.

Brian Giroux
Principal Hydrogeologist

tm/LR/BG

Electronic copy of final document; sealed original document is with Brian Giroux, Registered Geologist #71971.

ATTACHMENT 1
Ambient Monitoring Data

July 2025

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-01 Date: 7/22/25

Project Name/Number: Rosemont

Recorder/Sampler: Bill Goldsmith

5.2 g
8% min
0.16 gpm

WELL INFORMATION

Total Well Depth (ft): 140

Casing Diameter (in): 4" Screened Interval (ft): From: 30 To: 140

Well/Packer Depth (ft): NA Depth to Water (ft): 47.99

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 10:04 Time Completed: 10:36 Total Purge Time (min): 32

Purge Method: Low Flow Pump Setting (ft): 50psi R 10 05 Total Purge Volume (gal): 5.2 gal

Actual or Elapsed Time (Min)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	Notes
5:00	0.16	23.6°C	1650	7.66	271	48.44
10:00	↓	23.7°C	1650	7.48	238	48.43
15:00	↓	23.8°C	1647	7.61	240	48.43
20:00	↓	24.4°C	1641	7.61	214	48.46
25:00	↓	24.1°C	1648	7.58	210	48.46

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:35 Time Completed:

Sampling Method: Low Flow Bladder Pump No. of Containers:

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-1	1035	Poly	500	NP	Pre-preserved
↓	↓	Poly	500	NaOH	Pre-preserved
↓	↓	Poly	250	NP	Pre-preserved
↓	↓	Poly	250	HNO3	Pre-preserved
↓	↓	Cubitainer	1 gal	NP	Pre-preserved
↓	↓	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-02 Date: 7/20/23

Project Name/Number: Rosemont

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 140

Casing Diameter (in): 4 in Screened Interval (ft): From: 30 To: 140

Well/Packer Depth (ft): NA Depth to Water (ft): 40.85

PURGE INFORMATION AND FIELD MEASUREMENTS

0.233 gpm

Time Started: 11:15 Time Completed: _____ Total Purge Time (min): 15 min

Purge Method: LOW FLOW Pump Setting (ft): 50 psi R10 D5 Total Purge Volume (gal): 3.5 g

Actual or ~~Elapsed~~ Time (Min)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	~~ORP~~ DTW (~~mV~~)	Notes
0:00	0.233	27.7°C	1507	7.38	41.03	
5:00	↓	25.2°C	1534	7.45	41.08	
10:00	↓	24.8°C	1534	7.46	41.09	
15:00	↓	24.7°C	1581	7.46	41.11	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 11:30 Time Completed: 11:40

Sampling Method: Low Flow Bladder Pump No. of Containers: 8

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-02	1130	Poly	500	NP	Pre-preserved
POC-02	1136	Poly	500	NaOH	Pre-preserved
POC-02	1130	Poly	250	NP	Pre-preserved
POC-02	1130	Poly	250	HNO3	Pre-preserved
POC-02	1130	Cubitainer	1 gal	NP	Pre-preserved
POC-02	1130	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time

Groundwater Sampling Form

PITEAU ASSOCIATES
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Well No.: POC-03 Date: 07/22/25

Project Name/Number: 4286 - ROSEMONT

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 151 FT

Casing Diameter (in): 4 IN Screened Interval (ft): From: 30 To: 150

0.059 gpm Well/Packer Depth (ft): NA Depth to Water (ft): 111.4 FT

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1204 Time Completed: 1234 Total Purge Time (min): 30

Purge Method: LOW FLOW Pump Setting (ft): 75 psi R21 D9 Total Purge Volume (gal): 1.76 gal

Actual or Elapsed Time (Min)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP DTW (mV)	Notes
0:00	0.059	28.3	862.5	7.64	111.7 FT	
5:00	↓	25.5	898.8	7.71	111.8 FT	
10:00		25.0	908.0	7.61	111.8	
15:00		25.0	904.6	7.61	112.0	
20:00		25.6	904.6	7.54	112.1	
25:00		25.1	903.1	7.52	112.2	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1235 Time Completed: 1303

Sampling Method: Low Flow Bladder Pump No. of Containers: 8

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-03	1235	Poly	500	NP	Pre-preserved
POC-03	1235	Poly	500	NaOH	Pre-preserved
POC-03	1235	Poly	250	NP	Pre-preserved
POC-03	1235	Poly	250	HNO3	Pre-preserved
POC-03	1235	Cubitainer	1 gal	NP	Pre-preserved
POC-03	1235	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-04 Date: 07/28/2025

Project Name/Number: ROSEMONT

Recorder/Sampler: TYLER HOLLSTATTER

WELL INFORMATION

Total Well Depth (ft): 231.75

Casing Diameter (in): 4 INCH Screened Interval (ft): From: 52 To: 232

Well/Packer Depth (ft): N/A Depth to Water (ft): 212.9

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1105 Time Completed: 1114 Total Purge Time (min): 15

Purge Method: LOW FLOW Pump Setting (ft): 110ft; RM 611 Total Purge Volume (gal): 0.0275

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	~~ORP~~ DTW ~~(mV)~~	~~DO~~ (mg/L)	~~Turbidity~~ ~~FU~~	Notes
1112	0.0018	30.3	657.7	7.29	213.3			THIS WELL IS A POOR PRODUCER
[redacted] 1114	↓	29.3	656.1	7.38	213.4			

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1114 Time Completed: 1215

Sampling Method: Low Flow Bladder Pump No. of Containers: 8

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-04	1114	Poly	500	NP	
POC-04	1114	Poly	500	NaOH	Pre-preserved
POC-04	1114	Poly	250	NP	
POC-04	1114	Poly	250	HNO3	Pre-preserved
POC-04	1114	Cubitainer	1 gal	HNO3	Pre-preserved
POC-04	1114	VOA	40	HNO3	Pre-preserved
POC-04	1114				
POC-04	1114				

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
POC-04	Duplicate	1	1114
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

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A TETRA TECH COMPANY

Well No.: POC-05 Date: 07/22/2025

Project Name/Number: ROSEMONT

Recorder/Sampler: TYLER HOCHSTETLER

WELL INFORMATION

Total Well Depth (ft): 288.74

Casing Diameter (in): 4IN Screened Interval (ft): From: 171 To: 281

Well/Packer Depth (ft): NA Depth to Water (ft): 190.74

0.11 gpm

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 15:25 Time Completed: 15:15 Total Purge Time (min): 20

Purge Method: Low Flow Pump Setting (ft): 100psi R210 9 Total Purge Volume (gal): 2.2

Actual or Elapsed Time (Min)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (D.O.) (mV)	Notes
1530	0.11	23.2°C	1184.2	7.99	191.1	
1535	↓	22.9°C	484.1	7.94	191.4	
1540		22.6°C	487.4	7.97	191.7	
1545		22.9°C	482.6	7.89	191.9	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1550 Time Completed: 1610

Sampling Method: Low Flow Bladder Pump No. of Containers: 8

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-05	1550	Poly	500	NP	Pre-preserved
POC-05	1550	Poly	500	NaOH	Pre-preserved
POC-05	1550	Poly	250	NP	Pre-preserved
POC-05	1550	Poly	250	HNO3	Pre-preserved
POC-05	1550	Cubitainer	1 gal	NP	Pre-preserved
POC-05	1550	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-06 Date: 07/22/2025

Project Name/Number: ROSEMONT

Recorder/Sampler: TYLER HOCHSTETLER

WELL INFORMATION

Total Well Depth (ft): 242 FT

Casing Diameter (in): 4 IN Screened Interval (ft): From: 102 To: 242

Well/Packer Depth (ft): NA Depth to Water (ft): 180.9 FT

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1420 Time Completed: 1440 Total Purge Time (min): 20

Purge Method: LOW FLOW Pump Setting (ft): 100psi RIG DII Total Purge Volume (gal): 2 gal

Actual or Elapsed Time (Min)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP DTW (mV)	Notes
1430	0.4	24.8	492.1	8.15	181.6	
1435	↓	24.1	476.3	8.13	181.8	
1440	↓	23.6	470.4	8.08	182.0	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1445 Time Completed:

Sampling Method: Low Flow Bladder Pump No. of Containers: 8

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-06	1445	Poly	500	NP	Pre-preserved
POC-06	1445	Poly	500	NaOH	Pre-preserved
POC-06	1445	Poly	250	NP	Pre-preserved
POC-06	1445	Poly	250	HNO3	Pre-preserved
POC-06	1445	Cubitainer	1 gal	NP	Pre-preserved
POC-06	1445	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-07 Date: 01/23/2025

Project Name/Number: POST MINE

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 262 PY

Casing Diameter (in): 11 in Screened Interval (ft): From: 165 To: 245

Well/Packer Depth (ft): N/A Depth to Water (ft): 182.60

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 0817 Time Completed: 0850 Total Purge Time (min): 33

Purge Method: LOW FLOW Pump Setting (ft): 105 psi R/PD II Total Purge Volume (gal): 3.7

0.112 gpm

Actual or Elapsed Time (Min)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP DTW (mV)	Notes
0830	0.112	21.5	717.5	7.02	182.6	
0835	↓	21.7	710.8	7.31	182.6	
0840		21.9	728.3	7.32	182.6	
0845		21.7	716.1	7.36	182.6	
0850		21.8	709.5	7.38	182.6	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 0850 Time Completed: 0900

Sampling Method: Low Flow Bladder Pump No. of Containers: 8

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-07	0850	Poly	500	NP	Pre-preserved
POC-07	0850	Poly	500	NaOH	Pre-preserved
POC-07	0850	Poly	250	NP	Pre-preserved
POC-07	0850	Poly	250	HNO3	Pre-preserved
POC-07	0850	Cubitainer	1 gal	NP	Pre-preserved
POC-07	0850	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-08 Date: 07/28/2025

Project Name/Number: ROSEMONT

Recorder/Sampler: TYLER HOLMSTADTER

WELL INFORMATION

Total Well Depth (ft): 490 FT

Casing Diameter (in): 4 IN Screened Interval (ft): From: 260 To: 490

Well/Packer Depth (ft): N/A Depth to Water (ft): 289.3

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1136 Time Completed: 1151 Total Purge Time (min): 21

Purge Method: LOW FLOW Pump Setting (ft): 180 PSI R20 D10 Total Purge Volume (gal): 1.43

Actual or Elapsed Time (Min)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	~~ORP~~ DTW (mV)	Notes
1140	0.068	23.9°C	592.9	7.77	289.7	
1145	↓	21.3°C	596.0	7.85	289.9	
1150		21.6°C	596.6	7.84	290.1	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1200 Time Completed: 1230

Sampling Method: Low Flow Bladder Pump No. of Containers: 8

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-08	1200	Poly	500	NP	Pre-preserved
POC-08	1200	Poly	500	NaOH	Pre-preserved
POC-08	1200	Poly	250	NP	Pre-preserved
POC-08	1200	Poly	250	HNO3	Pre-preserved
POC-08	1200	Cubitainer	1 gal	NP	Pre-preserved
POC-08	1200	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-09 Date: 07/13/2023

Project Name/Number: Cost Mines

Recorder/Sampler: Tyler Hochstatter

WELL INFORMATION

Total Well Depth (ft): 232 FT

Casing Diameter (in): 4in Screened Interval (ft): From: 100 To: 230

Well/Packer Depth (ft): N/A Depth to Water (ft): 107.9 FT

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 0935 Time Completed: 0957 Total Purge Time (min): 22

Purge Method: Low Flow Pump Setting (ft): 70psi RW06 Total Purge Volume (gal): 2.53

Actual or Elapsed Time (Min)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	~~ORP~~ DTW (mV)	Notes
0942	0.115	22.5°C	471.3	7.99	108.2	
0947	↓	21.0°C	474.2	7.62	108.5	
0952	↓	21.3°C	469.5	7.67	108.8	
0957	↓	21.0	471.0	7.69	109.0	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1000 Time Completed: 1015

Sampling Method: Low Flow Bladder Pump No. of Containers: 8

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-09	1000	Poly	500	NP	Pre-preserved
POC-09	1000	Poly	500	NaOH	Pre-preserved
POC-09	1000	Poly	250	NP	Pre-preserved
POC-09	1000	Poly	250	HNO3	Pre-preserved
POC-09	1000	Cubitainer	1 gal	NP	Pre-preserved
POC-09	1000	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time

Groundwater Sampling Form

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A TETRA TECH COMPANY

Well No.: POC-10 Date: 07/23/2025

Project Name/Number: ROSEMONT

Recorder/Sampler: Tyler Hoffmaster

WELL INFORMATION

Total Well Depth (ft): 345 FT

Casing Diameter (in): 4 in Screened Interval (ft): From: 245 To: 345

Well/Packer Depth (ft): N/A Depth to Water (ft): 261.9

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1038 Time Completed: 1058 Total Purge Time (min): 20

Purge Method: Low Flow Pump Setting (ft): 180 psi; R20 D 10 Total Purge Volume (gal): 2.67

(Actual or Elapsed Time (Min)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	~~ORP~~ DTW (~~mV~~)	Notes
1042	0.133	27.5	569.7	7.29	261.9	
1047	↓	22.5	579.7	7.46	261.9	
1052		22.0	578.9	7.53	261.9	
1057		21.4	578.5	7.60	261.9	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1100 Time Completed: 1113

Sampling Method: Low Flow Bladder Pump No. of Containers: 8

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-10	1100	Poly	500	NP	Pre-preserved
POC-10	1100	Poly	500	NaOH	Pre-preserved
POC-10	1100	Poly	250	NP	Pre-preserved
POC-10	1100	Poly	250	HNO3	Pre-preserved
POC-10	1100	Cubitainer	1 gal	NP	Pre-preserved
POC-10	1100	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time

August 2025

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-01 Date: 08/19/2025

Project Name/Number: ROSEMONT

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): ~~143~~ 143.25'

Casing Diameter (in): 4 INCH Screened Interval (ft): From: 33 To: 143

Well/Packer Depth (ft): N/A Depth to Water (ft): 48.62 FT

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 0930 Time Completed: 40psi 1050 Total Purge Time (min): 80

Purge Method: Low-Flow Pump Setting (ft): R12 D3 Total Purge Volume (gal): 1.9 g

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP N/A (mV)	DO (mg/L)	Turbidity TU	Notes DTW
0935	0.24	23.5	1656	7.25			0.60	48.63
0945		25.0	1681	7.23				48.72
0950		24.8	1656	7.25				48.72
1000		26.1	1692	~~7.40~~ 7.39				48.69
1005		25.7	1653	7.24				48.66
1015		24.9	1647	7.20				48.73
1033	↓	29.0	1654	7.40				48.69
1045		26.4	1651	7.49				48.72

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1050 Time Completed: 1142

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-01	1050	Poly	500	NP	
POC-01	1050	Poly	500	NaOH	Pre-preserved
POC-01	1050	Poly	250	NP	
POC-01	1050	Poly	250	HNO3	Pre-preserved
POC-01	1050	Cubitainer	1 gal	HNO3	Pre-preserved
POC-01	1050	VOA	40	HNO3	Pre-preserved
POC-01	1050	POLY	250	H_2SO_4	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
POC-01	Duplicate	1	1142
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-02 Date: 8-19-25

Project Name/Number: COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): ~~TMW~~ 142'

Casing Diameter (in): 4 IN Screened Interval (ft): From: 32 To: 142

Well/Packer Depth (ft): N/A Depth to Water (ft): 40.42

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1313 Time Completed: 1344 Total Purge Time (min) 31

Purge Method: Low Flow Pump Setting (ft): R 11 54 45psi Total Purge Volume (gal): 3.5

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO ppm (mg/L)	Turbidity FNU TU	Notes DTW
1318	0.113	25.2	1542	7.39		3.44	0.8	40.82
1323	↓	24.2	1543	7.39		4.45	0.89	40.55
1328		24.2	1543	7.23		4.75	0.23	40.55
1333		23.8	1547	7.16		4.67	0.29	40.57
1338	↓	24.3	1548	7.26		5.81	0.26	40.86
~~TMW~~		~~TMW~~	~~TMW~~					

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1344 Time Completed: 1405

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-02	1344	Poly	500	NP	
POC-02	1344	Poly	500	NaOH	Pre-preserved
POC-02	1344	Poly	250	NP	
POC-02	1344	Poly	250	HNO3	Pre-preserved
POC-02	1344	Cubitainer	1 gal	HNO3	Pre-preserved
POC-02	1344	VOA	40	HNO3	Pre-preserved
POC-02	1344	POLY	250	H_2SO_4	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-03 Date: 8/20/2025

Project Name/Number: ~~ZIMMER HOCHSTEIN~~ COPPERWORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 154.7

Casing Diameter (in): 4 IN Screened Interval (ft): From: 34 To: 154

Well/Packer Depth (ft): N/A Depth to Water (ft): 111.4

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 0853 Time Completed: 0925 Total Purge Time (min): 32

Purge Method: LOW FLOW Pump Setting (ft): R 23 D 7 65psi Total Purge Volume (gal): 0.50

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C/°F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes DTW
0859	0.0156	26.5	906.7	7.63		5.82	0.23	111.6
0904	↓	31.1	919.2	7.21		2.91	0.35	111.5
0913		30.7	915.9	7.24		3.98	0.28	111.5
0918		30.9	919.5	7.34		3.91	0.24	111.5

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 0925 Time Completed: 1138

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-03	0925	Poly	500	NP	
POC-03	0925	Poly	500	NaOH	Pre-preserved
POC-03	0925	Poly	250	NP	
POC-03	0925	Poly	250	HNO3	Pre-preserved
POC-03	0925	Cubitainer	1 gal	HNO3	Pre-preserved
POC-03	0925	VOA	40	HNO3	Pre-preserved
POC-03	0925	POLY	250	H_2SO_4	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-04 Date: 8/20/2025

Project Name/Number: COPPERWORLD

Recorder/Sampler: TYLER MACHISTATTER

WELL INFORMATION

Total Well Depth (ft): 231.75

Casing Diameter (in): 4 IN Screened Interval (ft): From: 52 To: 232

Well/Packer Depth (ft): N/A Depth to Water (ft): 198.2

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1210 Time Completed: 1308 Total Purge Time (min): 52

Purge Method: LOW FLOW Pump Setting (ft): R 22 68 100psi Total Purge Volume (gal): 0.23

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity ppm NTU	Notes
					N/A			DTW
1225	0.004	34.9	663.9	7.68		5.33	0.62	198.3
1233	↓	36.2	636.7	7.78		4.93	0.61	198.3
1245	↓	37.4	639.2	7.79		4.89	0.64	198.3

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1308 Time Completed: 1516

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-04	1308	Poly	500	NP	
POC-04	1308	Poly	500	NaOH	Pre-preserved
POC-04	1308	Poly	250	NP	
POC-04	1308	Poly	250	HNO3	Pre-preserved
POC-04	1308	Cubitainer	1 gal	HNO3	Pre-preserved
POC-04	1308	VOA	40	HNO3	Pre-preserved
POC-04	1308	POLY	250	H_2SO_4	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

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A TETRA TECH COMPANY

Well No.: POC-05 Date: 08/25/2025

Project Name/Number: COPPERWORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 278

Casing Diameter (in): 4 IN. Screened Interval (ft): From: 178 To: 278

Well/Packer Depth (ft): N/A Depth to Water (ft): 146.3

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 0905 Time Completed: 0922 Total Purge Time (min): 17

Purge Method: LOW FLOW Pump Setting (ft): R21 D9 100psi Total Purge Volume (gal): 0.12

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV) N/A	DO (mg/L)	Turbidity TU	Notes DTW
0907	0.007	32.0	491.2	8.05		5.01	~~3.04~~ 5.24	146.4
0912	↓	28.2	482.0	8.04		5.94	4.06	146.5
0917		28.5	483.9	7.98		4.81	4.05	146.5
0922		28.4	481.7	7.91		4.77	4.06	146.5

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 0930 Time Completed: 1031

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-05	0930	Poly	500	NP	
POC-05	0930	Poly	500	NaOH	Pre-preserved
POC-05	0930	Poly	250	NP	
POC-05	0930	Poly	250	HNO3	Pre-preserved
POC-05	0930	Cubitainer	1 gal	HNO3	Pre-preserved
POC-05	0930	VOA	40	HNO3	Pre-preserved
POC-05	0930	POLY	250	H_2SO_4	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-06 Date: 08/25/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 243.9

Casing Diameter (in): 4 IN Screened Interval (ft): From: 104 To: 243.9

Well/Packer Depth (ft): N/A Depth to Water (ft): 105.3

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1110 Time Completed: 1152 Total Purge Time (min): 42

Purge Method: LOW FLOW Pump Setting (ft): R20 D10 100psi Total Purge Volume (gal): 5.0

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP N/A (mV)	DO (mg/L)	Turbidity TU	Notes DTW
1119	0.12	27.1	569.0	7.81		3.96	0.49	105.6
1124	↓	25.3	588.6	7.76		3.65	0.46	106.0
1129		25.8	595.1	7.48		3.57	0.93	106.3
1134		25.4	594.6	7.57		2.30	0.53	106.3
1139		25.1	596.5	7.55		4.15	0.53	106.4
1144		25.5	597.0	7.61		3.20	0.57	106.5
1149	↓	25.1	597.1	7.64		2.11	0.57	106.6

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1155 Time Completed: 1237

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-06	1155	Poly	500	NP	
POC-06	1155	Poly	500	NaOH	Pre-preserved
POC-06	1155	Poly	250	NP	
POC-06	1155	Poly	250	HNO3	Pre-preserved
POC-06	1155	Cubitainer	1 gal	HNO3	Pre-preserved
POC-06	1155	VOA	40	HNO3	Pre-preserved
POC-06	1155	POLY	250	H_2SO_4	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-07 Date: 8/21/25

Project Name/Number: COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 262

Casing Diameter (in): 4 IN Screened Interval (ft): From: 168 To: 248

Well/Packer Depth (ft): N/A Depth to Water (ft): 182.5

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1354 Time Completed: 1431 Total Purge Time (min): 37

Purge Method: LOW FLOW Pump Setting (ft): R 11 D9 100psi Total Purge Volume (gal): 0.9

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C/°F)	Conductivity (mhos/cm)	pH (s.u.)	ORP N/A (mV)	DO (mg/L)	Turbidity TU	Notes DTW
1354	0.024	27.8	753.6	7.71		6.02	0.49	182.6
1359	↓	24.4	755.3	7.73		2.31	1.69	182.6
1404		27.4	754.9	7.66		1.91	2.19	182.6
1409		26.9	756.8	7.76		1.92	2.51	182.5
1414		26.2	757.7	7.50		3.58	2.28	182.6
1419	↓	26.5	757.9	7.43		3.53	2.17	182.6

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1431 Time Completed: 1501

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-07	1431	Poly	500	NP	
POC-07	1431	Poly	500	NaOH	Pre-preserved
POC-07	1431	Poly	250	NP	
POC-07	1431	Poly	250	HNO3	Pre-preserved
POC-07	1431	Cubitainer	1 gal	HNO3	Pre-preserved
POC-07	1431	VOA	40	HNO3	Pre-preserved
POC-07	1431	POLY	250	H_2SO_4	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-08 Date: 8/21/25

Project Name/Number: COPPER WORLD

Recorder/Sampler: TYLER HOCHSTETTER

WELL INFORMATION

Total Well Depth (ft): 489

Casing Diameter (in): 4IN Screened Interval (ft): From: 259 To: 489

Well/Packer Depth (ft): N/A Depth to Water (ft): 284.2

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1208 Time Completed: 1252 Total Purge Time (min): 44

Purge Method: LOW FLOW Pump Setting (ft): RED 6 180PSI Total Purge Volume (gal): 0.82

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP N/A (mV)	DO (mg/L)	Turbidity TU	Notes OTW
1213	0.619	24.4	572.3	7.93		6.70	7.14	284.4
1218	↓	23.5	577.5	7.87		5.81	6.21	284.4
1223		23.5	576.9	7.91		5.63	6.31	284.4
1228		24.7	586.9	7.94		3.47	7.72	284.4
1233		22.4	575.3	7.78		3.91	6.38	284.5
1238		22.7	575.5	7.75		3.31	6.29	284.5
1243		23.2	574.9	7.70		1.25	6.27	284.5

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1252 Time Completed: 1315

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-08	1252	Poly	500	NP	
POC-08	1252	Poly	500	NaOH	Pre-preserved
POC-08	1252	Poly	250	NP	
POC-08	1252	Poly	250	HNO3	Pre-preserved
POC-08	1252	Cubitainer	1 gal	HNO3	Pre-preserved
POC-08	1252	VOA	40	HNO3	Pre-preserved
POC-08	1252	POLY	250	H_2SO_4	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-09 Date: 8/21/2025

Project Name/Number: COPPERWORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 230

Casing Diameter (in): 4 IN Screened Interval (ft): From: 100 To: 230

Well/Packer Depth (ft): N/A Depth to Water (ft): 97.44

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 0935 Time Completed: 1013 Total Purge Time (min): 38

Purge Method: LOW FLOW Pump Setting (ft): RATE 370 psi Total Purge Volume (gal): 1.35

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP N/A (mV)	DO (mg/L)	Turbidity TU	Notes DTW
0937	0.355	23.1	459.1	7.88		4.52	1.56	97.70
0950	↓	23.2	464.3	7.68		2.29	1.58	97.81
0955		21.3	460.0	7.67		1.55	1.33	98.1
1000		21.4	459.9	7.48		1.43	1.36	98.29
1005		21.3	460.1	7.58		3.67	1.09	98.33
1010		21.6	460.2	7.60		3.52	1.10	98.60

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1013 Time Completed: 1100

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-09	1013	Poly	500	NP	
POC-09	1013	Poly	500	NaOH	Pre-preserved
POC-09	1013	Poly	250	NP	
POC-09	1013	Poly	250	HNO3	Pre-preserved
POC-09	1013	Cubitainer	1 gal	HNO3	Pre-preserved
POC-09	1013	VOA	40	HNO3	Pre-preserved
POC-09	1013	POLY	250	H_2SO_4	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-10 Date: 8/21/2025

Project Name/Number: ~~[illegible]~~ COPPER/WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 344

Casing Diameter (in): 4 IN Screened Interval (ft): From: 244 To: 344

Well/Packer Depth (ft): N/A Depth to Water (ft): 261.9

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 0800 Time Completed: 0826 Total Purge Time (min): 26

Purge Method: LOW FLOW Pump Setting (ft): R 20 @ 10 180psi Total Purge Volume (gal): 3.8

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP N/A (mV)	DO (mg/L)	Turbidity TU	Notes DTW
8:05	0.146	21.5	601.6	9.11		5.70	1.46	262.0
8:10	↓	19.1	589.4	8.52		3.64	0.75	262.0
8:15		19.2	588.8	8.16		3.41	0.47	262.0
8:20		20.1	589.8	8.06		3.61	0.64	262.0
8:25		19.2	588.4	8.00		3.74	0.48	262.0

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 0830 Time Completed: 0855

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-10	0830	Poly	500	NP	
POC-10	0830	Poly	500	NaOH	Pre-preserved
POC-10	0830	Poly	250	NP	
POC-10	0830	Poly	250	HNO3	Pre-preserved
POC-10	0830	Cubitainer	1 gal	HNO3	Pre-preserved
POC-10	0830	VOA	40	HNO3	Pre-preserved
POC-10	0830	POLY	250	H_2SO_4	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

September 2025

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-01 Date: 9/16/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 143.25

Casing Diameter (in): 4 IN Screened Interval (ft): From: 33 To: 143

Well/Packer Depth (ft): N/A Depth to Water (ft): 48.91

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1150 Time Completed: 1210 Total Purge Time (min): 20

Purge Method: LOW FLOW Pump Setting (ft): psi 40 R/D 05 Total Purge Volume (gal): 2.19

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1150	0.109	25.7	1637	7.50	4.44	0.43	49.04	
1155	↓	23.6	1643	7.34	4.93	0.22	49.09	
1200		24.5	1640	7.36	4.88	0.28	49.17	
1205		23.5	1643	7.26	5.07	0.28	49.27	
1210		23.9	1640	7.18	5.01	0.24	49.27	W/L RECOVERED TO 49.07 DURING LABELING

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1215 Time Completed: 1226

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-01	1215	Poly	500	NP	
POC-01	1215	Poly	500	NaOH	Pre-preserved
POC-01	1215	Poly	250	NP	
POC-01	1215	Poly	250	HNO3	Pre-preserved
POC-01	1215	Cubitainer	1 gal	HNO3	Pre-preserved
POC-01	1215	VOA	40	HNO3	Pre-preserved
POC-01	1215	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-02 Date: 9/16/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 142

Casing Diameter (in): 4 IN Screened Interval (ft): From: 32 To: 142

Well/Packer Depth (ft): N/A Depth to Water (ft): 39.75

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1048 Time Completed: 1105 Total Purge Time (min): 17

Purge Method: LOW FLOW Pump Setting (ft): psi 45 R 11 D 4 Total Purge Volume (gal): 1.83

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1050	0.107	28.2	1518	7.48	5.60	0.35	39.83	
1055	↓	25.2	1550	7.60	5.87	0.31	39.86	
1100	↓	25.7	1555	7.60	6.23	0.33	39.89	
1105	↓	25.0	1545	7.53	6.02	0.32	39.88	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1110 Time Completed: 1130

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-02	1110	Poly	500	NP	
POC-02	1110	Poly	500	NaOH	Pre-preserved
POC-02	1110	Poly	250	NP	
POC-02	1110	Poly	250	HNO3	Pre-preserved
POC-02	1110	Cubitainer	1 gal	HNO3	Pre-preserved
POC-02	1110	VOA	40	HNO3	Pre-preserved
POC-02	1110	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-03 Date: 9/16/2025

Project Name/Number: COPPERWORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 154.7

Casing Diameter (in): 4 IN Screened Interval (ft): From: 34 To: 154

Well/Packer Depth (ft): N/A Depth to Water (ft): 111.4

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 0919 Time Completed: 0941 Total Purge Time (min): 22

Purge Method: LOW Pump Setting (ft): PSI 75 R 24 A 6 Total Purge Volume (gal): 0.96

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
0921	0.04	26.4	1605.0	6.07	6.16	0.25	111.5	
0926	↓	23.7	905.6	6.52	2.84	1.73	111.7	
0931		23.9	906.3	6.72	1.90	0.33	111.8	
0936		24.4	900.4	6.88	2.15	0.26	111.9	
0941		23.7	900.1	6.89	2.14	0.27	112.0	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 0947 Time Completed: 1022

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-03	0947	Poly	500	NP	
POC-03	0947	Poly	500	NaOH	Pre-preserved
POC-03	0947	Poly	250	NP	
POC-03	0947	Poly	250	HNO3	Pre-preserved
POC-03	0947	Cubitainer	1 gal	HNO3	Pre-preserved
POC-03	0947	VOA	40	HNO3	Pre-preserved
POC-03	0947	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-04 Date: 9/17/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 231.75

Casing Diameter (in): 4.0 Screened Interval (ft): From: 52 To: 231.75

Well/Packer Depth (ft): N/A Depth to Water (ft): 177.7

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 0855 Time Completed: 0925 Total Purge Time (min): 30

Purge Method: LOW FLOW Pump Setting (ft): 100psi R21 D 9 Total Purge Volume (gal): 0.32

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
0900	0.011	29.6	610.7	6.78	6.35	0.24	177.7	
0905	↓	27.3	604.1	7.24	9.91	0.22	177.8	
0910		27.6	606.1	7.44	4.86	0.25	177.8	
0915		26.5	605.8	7.76	6.65	0.26	177.8	
0920		26.4	604.3	7.83	6.53	0.23	177.9	
0925		27.1	605.1	7.84	6.24	0.26	177.9	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 0935 Time Completed: 1120

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-04	0935	Poly	500	NP	
POC-04	0935	Poly	500	NaOH	Pre-preserved
POC-04	0935	Poly	250	NP	
POC-04	0935	Poly	250	HNO3	Pre-preserved
POC-04	0935	Cubitainer	1 gal	HNO3	Pre-preserved
POC-04	0935	VOA	40	HNO3	Pre-preserved
POC-04	0935	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

1120

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-05 Date: 9/16/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 278

Casing Diameter (in): 4 IN Screened Interval (ft): From: 178 To: 278

Well/Packer Depth (ft): N/A Depth to Water (ft): 144.6

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1320 Time Completed: 1341 Total Purge Time (min): 21

Purge Method: LOW FLOW Pump Setting (ft): 100 psi R23 D7 Total Purge Volume (gal): 1.27

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1322	0.061	26.5	504.4	7.95	6.25	0.53	144.7	
1327	↓	24.9	496.7	7.89	3.38	0.40	144.8	
1332		24.4	501.7	7.70	1.94	0.60	145.1	
1337		24.2	504.7	7.62	1.60	0.59	145.3	
1342		24.6	507.6	7.67	1.45	0.66	145.5	
1545		30.4	512.5	7.74	2.64	0.62	145.5	

*RED ALERT AT 1354 VERIFYING PARAMS

*BREAK FOR RED ALERT CAUSED +1 HR SAMPLING DELAY, BOTTLES WERE ALREADY LABELLED

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1345 Time Completed: 1645

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-05	1345	Poly	500	NP	
POC-05	1345	Poly	500	NaOH	Pre-preserved
POC-05	1345	Poly	250	NP	
POC-05	1345	Poly	250	HNO3	Pre-preserved
POC-05	1345	Cubitainer	1 gal	HNO3	Pre-preserved
POC-05	1345	VOA	40	HNO3	Pre-preserved
POC-05	1345	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-06 Date: 9/18/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

TARGET
, 98

WELL INFORMATION

Total Well Depth (ft): 243.9

Casing Diameter (in): 4 IN Screened Interval (ft): From: 104 To: 243.9

Well/Packer Depth (ft): N/A Depth to Water (ft): 104.1

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1455 Time Completed: 1515 Total Purge Time (min): 20

Purge Method: LOW FLOW Pump Setting (ft): 100 psi R19 D11 Total Purge Volume (gal): 1.04

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1500	0.05	28.7	604.4	8.02	6.66	0.20	104.2	
1505	↓	25.5	601.8	7.92	4.52	0.21	104.4	
1510		27.8	600.04	7.92	3.88	0.23	104.5	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1515 Time Completed: 1600

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-06	1515	Poly	500	NP	
POC-06	1515	Poly	500	NaOH	Pre-preserved
POC-06	1515	Poly	250	NP	
POC-06	1515	Poly	250	HNO3	Pre-preserved
POC-06	1515	Cubitainer	1 gal	HNO3	Pre-preserved
POC-06	1515	VOA	40	HNO3	Pre-preserved
POC-06	1515	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-07 Date: 9/15/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 262

Casing Diameter (in): 4 IN Screened Interval (ft): From: 168 To: 242

Well/Packer Depth (ft): N/A Depth to Water (ft): 182.5

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1343 Time Completed: 1460 Total Purge Time (min): 17

Purge Method: _____ Pump Setting (ft): _____ Total Purge Volume (gal): 1.35

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1343	0.08	28.4	748.5	7.82	7.80	1.25	182.6	
1348	↓	25.0	747.0	7.78	3.06	2.55	182.6	
1353		23.4	741.0	7.74	2.55	2.57	182.6	
1358		22.8	739.0	7.78	1.26	2.46	182.6	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1410 Time Completed: 1425

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-07	1410	Poly	500	NP	
POC-07	1410	Poly	500	NaOH	Pre-preserved
POC-07	1410	Poly	250	NP	
POC-07	1410	Poly	250	HNO3	Pre-preserved
POC-07	1410	Cubitainer	1 gal	HNO3	Pre-preserved
POC-07	1410	VOA	40	HNO3	Pre-preserved
POC-07	1410	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-08 Date: 9/15/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 489

Casing Diameter (in): 4 IN Screened Interval (ft): From: 259 To: 489

Well/Packer Depth (ft): N/A Depth to Water (ft): 282.5

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1225 Time Completed: 1251 Total Purge Time (min): 26

Purge Method: LOW FLOW Pump Setting (ft): 180 PSI R2109 Total Purge Volume (gal): 1.54

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1230	0.06	23.9	564.4	8.00	7.48	2.73	282.6	
1235	↓	22.1	564.3	7.90	6.40	2.78	282.8	
1240		21.7	561.8	7.80	2.41	1.39	282.9	
1245	↓	20.5	563.7	7.73	1.31	1.46	283.1	
1250		19.6	562.9	7.67	0.82	1.95	283.1	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1257 Time Completed: 1316

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-08	1257	Poly	500	NP	
POC-08	1257	Poly	500	NaOH	Pre-preserved
POC-08	1257	Poly	250	NP	
POC-08	1257	Poly	250	HNO3	Pre-preserved
POC-08	1257	Cubitainer	1 gal	HNO3	Pre-preserved
POC-08	1257	VOA	40	HNO3	Pre-preserved
POC-08	1257	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-09 Date: 9/15/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

TARGET VOL. 0.5 gal
3.5 in × 1 GALLON / 3 in = 1.1 GAL

WELL INFORMATION

Total Well Depth (ft): 230

Casing Diameter (in): 4 IN Screened Interval (ft): From: 100 To: 230

Well/Packer Depth (ft): N/A Depth to Water (ft): 97.41

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1033 Time Completed: 1130 Total Purge Time (min): 57

Purge Method: LOW FLOW Pump Setting (ft): 70psi R17 D3 Total Purge Volume (gal): 1.5 GAL

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1035	0.03	26.3	461.4	7.87	5.27	0.77	97.57	
1043	↓	23.2	464.2	7.70	2.72	1.77	97.91	
1052		21.8	465.1	7.55	2.23	1.72	98.30	
1057		20.2	463.2	7.49	2.52	0.76	98.34	
1102	↓	21.5	463.3	7.44	3.03	0.72	98.73	
1107		20.5	464.2	7.40	3.05	0.76	99.06	
1120		22.8	460.5	7.50	3.25	0.73	99.25	

LOWERED TO MINIMUM SETTINGS

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1135 Time Completed: 1150

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-09	1135	Poly	500	NP	
POC-09	1135	Poly	500	NaOH	Pre-preserved
POC-09	1135	Poly	250	NP	
POC-09	1135	Poly	250	HNO3	Pre-preserved
POC-09	1135	Cubitainer	1 gal	HNO3	Pre-preserved
POC-09	1135	VOA	40	HNO3	Pre-preserved
POC-09	1135	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

3.14 in / GAL

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-10 Date: 9/15/2025

Project Name/Number: COPPERWORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 344

Casing Diameter (in): 4 IN Screened Interval (ft): From: 244 To: 344

Well/Packer Depth (ft): N/A Depth to Water (ft): 262.0 FT

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 0852 Time Completed: 0915 Total Purge Time (min): 20

Purge Method: LOW FLOW Pump Setting (ft): 180 PSI R 20 D10 Total Purge Volume (gal): 3.5 GAL

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO ppm (mg/L)	Turbidity FNU TU	DTW (ft)	Notes
0855	0.175	19.8	779.2	5.66	4.86	0.79	262.0	
0900	↓	20.0	608.8	6.26	4.50	0.60	262.0	
0905		19.3	594.6	6.68	4.29	0.52	262.0	
0910		19.1	594.0	6.78	5.36	0.52	262.0	
0915		20.4	594.6	6.88	5.03	0.54	262.0	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 0925 Time Completed: 0940

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-10		Poly	500	NP	
POC-10		Poly	500	NaOH	Pre-preserved
POC-10		Poly	250	NP	
POC-10		Poly	250	HNO3	Pre-preserved
POC-10		Cubitainer	1 gal	HNO3	Pre-preserved
POC-10		VOA	40	HNO3	Pre-preserved
POC-10		Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
0940	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

October 2025

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-01 Date: 10/15/25

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 143.25

Casing Diameter (in): 4 in Screened Interval (ft): From: 33 To: 143

Well/Packer Depth (ft): N/A Depth to Water (ft): 48.68

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 10:32 Time Completed: 10:57 Total Purge Time (min): 25

Purge Method: _____ Pump Setting (ft): S0 8:10 D:S Total Purge Volume (gal): 1.95

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
10:39	0.078	25.0	1664	7.45		65.9	0.17	
10:46	1	25.3	1660	7.36		62.5	0.13	
10:51	1	24.4	1663	7.27		63.5	0.11	
10:57	↓	23.4	1662	7.26		67.5	0.12	Stable

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 11:00 Time Completed: 11:23

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-01		Poly	500	NP	
POC-01		Poly	500	NaOH	Pre-preserved
POC-01		Poly	250	NP	
POC-01		Poly	250	HNO3	Pre-preserved
POC-01		Cubitainer	1 gal	HNO3	Pre-preserved
POC-01		VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-02 Date: 10/15/25

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Palmeros

WELL INFORMATION

Total Well Depth (ft): 142

Casing Diameter (in): 4 in Screened Interval (ft): From: 32 To: 142

Well/Packer Depth (ft): N/A Depth to Water (ft): 37.49 ft

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 8:57 Time Completed: 9:36 Total Purge Time (min): 39

Purge Method: _____ Pump Setting (ft): S0 R:10 D:5 Total Purge Volume (gal): 0.57

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
9:00	0.014	22.9	1692	6.74		65.5	2.32	
9:15	1	22.9	1679	7.15		63.6	0.48	
9:27	1	22.0	1692	7.29		64.7	0.20	
9:34	↓	23.41	1676	7.33		65.1	0.21	37.58 DTW 1 5/8 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 9:45 Time Completed: 10:09

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-02		Poly	500	NP	
POC-02		Poly	500	NaOH	Pre-preserved
POC-02		Poly	250	NP	
POC-02		Poly	250	HNO3	Pre-preserved
POC-02		Cubitainer	1 gal	HNO3	Pre-preserved
POC-02		VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-03 Date: 14/10/25

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 154.7

Casing Diameter (in): 4 in Screened Interval (ft): From: 34 To: 154

Well/Packer Depth (ft): N/A Depth to Water (ft): 111.4

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1122 Time Completed: 1306 Total Purge Time (min): 104

Purge Method: Low Flow Pump Setting (ft): 75 PSI K 21 0.9 Total Purge Volume (gal): 3.48

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
11:46	0.033	26.5	994.1	6.57		14.6	0 46	
12:09		24.2	911.6	7.29		15.8	0.32	
12:35		25.1	916.8	7.35		18.6	0.29	
12:47		24.7	906.1	7.35		17.8	0.37	
13:01		23.9	902.6	7.38		16.9	0.47	
13:06	↓	24.7	904.5	7.40		15.6	0.46	6 3/8 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: _____ Time Completed: _____

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-03		Poly	500	NP	
POC-03		Poly	500	NaOH	Pre-preserved
POC-03		Poly	250	NP	
POC-03		Poly	250	HNO3	Pre-preserved
POC-03		Cubitainer	1 gal	HNO3	Pre-preserved
POC-03		VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-04 Date: 10/15/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 231.75

Casing Diameter (in): 4 in Screened Interval (ft): From: 52 To: 231.75

Well/Packer Depth (ft): N/A Depth to Water (ft): 162.9

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 12:16 Time Completed: 13:37 Total Purge Time (min): 81

Purge Method: _____ Pump Setting (ft): 100 R 21 D: 9 Total Purge Volume (gal): 1.19

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
12:24	0.015	26.6	614.6	7.76		78.2	0.33	
12:32	1	25.2	625.8	7.69		43.2	0.20	
12:38	1	25.7	630.1	7.66		27.9	0.47	DTW=163.4 1 3/4 in
13:02	1	24.3	615.1	7.76		29.3	0.67	
13:17	1	23.9	644.2	7.71		26.41	0.83	DTW=163.6 2 3/4 in
13:30	1	23.8	643.3	7.66		27.9	0.82	DTW=163.7 3 1/4 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 13:40 Time Completed: 14:13

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-04		Poly	500	NP	
POC-04		Poly	500	NaOH	Pre-preserved
POC-04		Poly	250	NP	
POC-04		Poly	250	HNO3	Pre-preserved
POC-04		Cubitainer	1 gal	HNO3	Pre-preserved
POC-04		VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-05 Date: 10/29/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: ALEJANDRO COLMENERO

WELL INFORMATION

Total Well Depth (ft): 278 FT

Casing Diameter (in): 4IN Screened Interval (ft): From: 170 To: 278

Well/Packer Depth (ft): N/A Depth to Water (ft): 145.2

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 14:32 Time Completed: 1553 Total Purge Time (min): ~~1221~~ 861

Purge Method: LOW FLOW Pump Setting (ft): 100 psi R22D8 Total Purge Volume (gal): 2.95

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	~~ORP~~ (mV)	DO (mg/L)	Turbidity TU	Notes DTW
1458	0.0483	25.6	514.6	7.60		11.5	1.81	145.8
1503		25.2	514.4	7.55		12.2	5.01	145.4
1508		24.7	523.9	7.48		2.78	4.97	145.6
1513		24.9	521.1	7.66		1.92	4.48	145.9
1518		24.0	525.4	7.54		2.19	4.89	145.9
1523		24.0	521.3	7.59		2.09	[illegible]	146.2
1528		23.7	519.4	7.62		1.91	4.97	146.4
1533		23.5	519.8	7.72		1.81	4.27	146.5
1538		23.1	521.9	7.57		1.87	4.80	146.7
1543		23.6	520.9	7.63		1.71	4.38	146.7
1548		23.1	520.1	7.56		1.89	4.44	146.8
1553		23.0	523.4	7.56		1.86	4.37	146.9

4.59 TU

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1600 Time Completed: 1680

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-05	1600	Poly	500	NP	
POC-05	1600	Poly	500	NaOH	Pre-preserved
POC-05	1600	Poly	250	NP	
POC-05	1600	Poly	250	HNO3	Pre-preserved
POC-05	1600	Cubitainer	1 gal	HNO3	Pre-preserved
POC-05	1600	VOA	40	HNO3	Pre-preserved
POC-05	1600	POLY	250	H_2SO_4	

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-06 Date: 10/15/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 243.9

Casing Diameter (in): 4 in Screened Interval (ft): From: 104 To: 243.9

Well/Packer Depth (ft): N/A Depth to Water (ft): 103.9

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 15:00 Time Completed: 15:52 Total Purge Time (min): 52

Purge Method: _____ Pump Setting (ft): 100 psi; R:1.9 D:11 Total Purge Volume (gal): 1.72 (Recirc.)

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
15:03	0.033	25.4	647.9	7.92		90.1	0.24	
15:09		24.1	648.6	7.73		39.5	0.50	104.6 DTW 1 3/8 in
13:19		24.2	648.6	7.67		37.0	0.43	105
13:29		23.3	646.1	7.66		35.7	0.53	105.2 3 in
13:33		23.5	659.6	7.75		33.2	0.40	105.3 3.5 in
13:42		23.1	659.2	7.70		34.3	0.41	105.6 4.0 in
13:49		23.2	659.0	7.76		33.4	0.38	105.5 4.5 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 15:56 Time Completed: 16:21

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-06		Poly	500	NP	
POC-06		Poly	500	NaOH	Pre-preserved
POC-06		Poly	250	NP	
POC-06		Poly	250	HNO3	Pre-preserved
POC-06		Cubitainer	1 gal	HNO3	Pre-preserved
POC-06		VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

LP

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRATECH COMPANY

Well No.: POC-07 Date: 10/20/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandra Colmenares

WELL INFORMATION

Total Well Depth (ft): 262

Casing Diameter (in): 4 in Screened Interval (ft): From: 168 To: 248

Well/Packer Depth (ft): N/A Depth to Water (ft): 182.6 ft

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1133 Time Completed: 11:54 Total Purge Time (min): 21

Purge Method: _____ Pump Setting (ft): 110 PSI R70 D10 Total Purge Volume (gal): 2.2

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
11:36	0.105	23.9	751.5	6.93		1.35	0.61	182.6
11:41	↓	22.1	746.9	7.14		1.26	2.40	182.7
11:46	↓	21.8	744.6	7.22		1.65	2.33	182.6
11:51	↓	21.7	745.2	7.22		1.70	2.33	182.6

5 7/8

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1155 Time Completed: 1230

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-07	1155	Poly	500	NP	
POC-07	1155	Poly	500	NaOH	Pre-preserved
POC-07	1155	Poly	250	NP	
POC-07	1155	Poly	250	HNO3	Pre-preserved
POC-07	1155	Cubitainer	1 gal	HNO3	Pre-preserved
POC-07	1155	VOA	40	HNO3	Pre-preserved
POC-07	1155	POLY	250mL	H_2SO_4	PRE PRESERVED

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
FB	Field Blank	2	1354
-	Trip Blank	3	-

← FILLED @ POC-05 AFTER DECISION WAS MADE NOT TO SAMPLE IT

HP

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-08 Date: 10/16/25

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Calmuco

WELL INFORMATION

Total Well Depth (ft): 489

Casing Diameter (in): 4 in Screened Interval (ft): From: 259 To: 489

Well/Packer Depth (ft): N/A Depth to Water (ft): 281.1

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 11:59 Time Completed: 12:28 Total Purge Time (min): 29

Purge Method: _____ Pump Setting (ft): 180 PSI R-20 D.10 Total Purge Volume (gal): 2

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
12:04	0.068	20.5	559.0	7.81		18.1	16.0	281.6 3 in
12:17	↓	20.0	552.1	7.83		10.9	16.1	281.9 5 in
12:26	↓	19.6	552.0	7.87		10.7	16.0	282.0 5 3/8 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 12:32 Time Completed: 13:10

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-08		Poly	500	NP	
POC-08		Poly	500	NaOH	Pre-preserved
POC-08		Poly	250	NP	
POC-08		Poly	250	HNO3	Pre-preserved
POC-08		Cubitainer	1 gal	HNO3	Pre-preserved
POC-08		VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

LP

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-09 Date: 10/16/25

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 230

Casing Diameter (in): 4 in Screened Interval (ft): From: 100 To: 230

Well/Packer Depth (ft): N/A Depth to Water (ft): 97.84

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 2:28 Time Completed: 3:00 Total Purge Time (min): 32

Purge Method: _____ Pump Setting (ft): 70PSI R:14 D:6 Total Purge Volume (gal): 1.86

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
2:30	0.050	22.5	464.5	7.60		56.5	0.25	98.24
2:35	↓	20.9	471.8	7.53		50.2	0.37	98.60 3 in-1.16 gl
2:45	↓	23.3	476.9	7.42		29.9	0.53	98.73
2:55	↓	19.6	471.9	7.48		25.9	0.45	99.29
3:00	↓	19.9	472.0	7.45		25.7	0.44	99.43 5.0 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 15:10 Time Completed: 15:39

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-09		Poly	500	NP	
POC-09		Poly	500	NaOH	Pre-preserved
POC-09		Poly	250	NP	
POC-09		Poly	250	HNO3	Pre-preserved
POC-09		Cubitainer	1 gal	HNO3	Pre-preserved
POC-09		VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

HP

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-10 Date: 10/16/25

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandra Colmenares

WELL INFORMATION

Total Well Depth (ft): 344

Casing Diameter (in): 4 in Screened Interval (ft): From: 244 To: 344

Well/Packer Depth (ft): N/A Depth to Water (ft): 262.1

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 9:48 Time Completed: 10:15 Total Purge Time (min): 27

Purge Method: _____ Pump Setting (ft): 180 PSI R:20 D:10 Total Purge Volume (gal): 0.98

7 3/4 in casing

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
9:54	0.036	19.8	605.7	6.54		58.5	0.40	
10:03	↓	19.9	608.7	6.96		63.6	0.39	
10:08	↓	19.7	612.4	7.10		63.9	0.39	
10:15	↓	19.4	612.8	7.20		62.8	0.36	262.1

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:20 Time Completed: 11:15

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-10		Poly	500	NP	
POC-10		Poly	500	NaOH	Pre-preserved
POC-10		Poly	250	NP	
POC-10		Poly	250	HNO3	Pre-preserved
POC-10		Cubitainer	1 gal	HNO3	Pre-preserved
POC-10		VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
POC-10 DUP	Duplicate	1	10:45
-	Field Blank	2	-
-	Trip Blank	3	-

November 2025

Groundwater Sampling Form

PITEAU ASSOCIATES
A TETRA TECH COMPANY

Well No.: POC-01 Date: 11/12/2025

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandra Talavera

WELL INFORMATION

Total Well Depth (ft): 143.25

Casing Diameter (in): 4 Screened Interval (ft): From: 33 To: 143.25

Well/Packer Depth (ft): N/A Depth to Water (ft): 47.42

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 14:15 Time Completed: 14:36 Total Purge Time (min): 21

Purge Method: Low flow Pump Setting (ft): 50 0:5 8:10 Total Purge Volume (gal): 2.3

Time (hrmn)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
14:18	0.11	25.0	1663	7.33	5.62	0.29	48.15	
14:23	↓	23.1	1661	7.36	5.41	0.32	48.21	
14:28	↓	23.1	1655	7.27	5.45	0.34	48.25	
14:33	↓	22.9	1661	7.35	5.29	0.28	48.04	Vol:6.1

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 14:40 Time Completed: 14:36

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-01	14:40	Poly	500	NP	
POC-01	14:40	Poly	500	NaOH	Pre-preserved
POC-01	14:40	Poly	250	NP	
POC-01	14:40	Poly	250	HNO3	Pre-preserved
POC-01	14:40	Cubitainer	1 gal	HNO3	Pre-preserved
POC-01	14:40	VOA	40	HNO3	Pre-preserved
POC-01	14:40	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	
-	Trip Blank	3	

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-02 Date: 11/12/2025

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Calmarza

WELL INFORMATION

Total Well Depth (ft): 142

Casing Diameter (in): 4 Screened Interval (ft): From: 32 To: 142

Well/Packer Depth (ft): N/A Depth to Water (ft): 35.95

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 13:05 Time Completed: 13:27 Total Purge Time (min): 22

Purge Method: Low flow Pump Setting (ft): 50 0:5 2:10 Total Purge Volume (gal): 3.57

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
13:10	0.16	23.4	1953	7.37	4.88	0.46	35.98	
13:15	↓	22.8	1966	7.26	4.98	0.40	35.93	
13:20		22.7	1957	7.06	5.23	0.37	35.82	
13:25	↓	22.9	1962	7.19	5.45	0.31	35.77	9 L

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 13:28 Time Completed: 13:45

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-02	13:28	Poly	500	NP	
POC-02	13:28	Poly	500	NaOH	Pre-preserved
POC-02	13:28	Poly	250	NP	
POC-02	13:28	Poly	250	HNO3	Pre-preserved
POC-02	13:28	Cubitainer	1 gal	HNO3	Pre-preserved
POC-02	13:28	VOA	40	HNO3	Pre-preserved
POC-02	13:28	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-03 Date: 11/12/2025

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Calderon

WELL INFORMATION

Total Well Depth (ft): 154.7

Casing Diameter (in): 4 Screened Interval (ft): From 34 To 154.7

Well Packer Depth (ft): N/A Depth to Water (ft): 111.4

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 11:10 Time Completed: 11:30 Total Purge Time (min): 20

Purge Method: Low flow Pump Setting (ft): 75 P:11 R:19 Total Purge Volume (gal): 0.689

Time (hrmn)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
11:13	0.03	24.8	9111	7.9	6.26	0.19	111.5	
11:18	↓	23.3	904.5	7.54	3.69	0.20	111.7	
11:23		22.9	9044	7.52	2.87	0.21	111.7	
11:28	↓	23.2	9005	7.50	2.81	0.23	111.8	2.0

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 11:40 Time Completed: 12:10

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-03	11:40	Poly	500	NP	
POC-03	11:40	Poly	500	NaOH	Pre-preserved
POC-03	11:40	Poly	250	NP	
POC-03	11:40	Poly	250	HNO3	Pre-preserved
POC-03	11:40	Cubitainer	1 gal	HNO3	Pre-preserved
POC-03	11:40	VOA	40	HNO3	Pre-preserved
POC-03	11:40	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-04 Date: 11/12/2025

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colarusso

WELL INFORMATION

Total Well Depth (ft): 231.75

Casing Diameter (in): 4 Screened Interval (ft): From: 32 To: 231.75

Well/Packer Depth (ft): N/A Depth to Water (ft): 151.8

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 9:30 Time Completed: 10:02 Total Purge Time (min): 32

Purge Method: Low flow Pump Setting (ft): 100 D:12 B:18 Total Purge Volume (gal): 1.21

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
09:40	0.03	22.9	633.6	6.30	6.02	0.24	152.0	
09:45	↓	22.5	642.1	6.99	2.71	0.99	152.2	
09:53	↓	22.6	690.6	7.14	1.76	1.16	152.5	2.5 in
09:58	↓	22.8	653.3	7.16	1.75	1.12	152.6	3 1/4 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:10 Time Completed: 10:30

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-04	10:10	Poly	500	NP	
POC-04	10:10	Poly	500	NaOH	Pre-preserved
POC-04	10:10	Poly	250	NP	
POC-04	10:10	Poly	250	HNO3	Pre-preserved
POC-04	10:10	Cubitainer	1 gal	HNO3	Pre-preserved
POC-04	10:10	VOA	40	HNO3	Pre-preserved
POC-04	10:10	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
A TETRA TECH COMPANY

Well No.: POC-05 Date: 11/13/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 278

Casing Diameter (in): 4 Screened Interval (ft): From: 178 To: 278

Well/Packer Depth (ft): N/A Depth to Water (ft): 144.2

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 14:32 Time Completed: 14:53 Total Purge Time (min): 21

Purge Method: Low flow Pump Setting (ft): 100.0-8 ~92 Total Purge Volume (gal): 1.5

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
14:36	0.9	24.8	522.9	7.95		6.71	2.55	
14:41	↓	23.9	522.6	7.99		1.91	2.04	
14:46		22.8	521.4	7.95		1.58	1.93	
14:51		23.3	521.7	7.90		1.66	2.05	4.1

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 15:01 Time Completed: 15:31

Sampling Method: Low Flow Bladder Pump No. of Containers:

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-05	15:01	Poly	500	NP	
POC-05	15:01	Poly	500	NaOH	Pre-preserved
POC-05	15:01	Poly	250	NP	
POC-05	15:01	Poly	250	HNO3	Pre-preserved
POC-05	15:01	Cubitainer	1 gal	HNO3	Pre-preserved
POC-05	15:01	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
FB-	Field Blank	2	15:40
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
A TETRA TECH COMPANY

Well No.: POC-06 Date: 11/13/2025

Project Name/Number: Copper Willow 4286

Recorder/Sampler: Alejandra Colmenares

WELL INFORMATION

Total Well Depth (ft): 243.9

Casing Diameter (in): 4 Screened Interval (ft): From: 104 To: 243.9

Well/Packer Depth (ft): N/A Depth to Water (ft): 103.9

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 13:01 Time Completed: 13:23 Total Purge Time (min): 22

Purge Method: Low flow Pump Setting (ft): 100 D: 4 R: 19 Total Purge Volume (gal): 1.72

Time (hrmn.)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
13:03	0.07	24.7	661.7	7.91		6.32	0.28	DTW: 104.1
13:08	↓	23.6	669.6	7.77		2.81	0.33	DTW: 104.6
13:13	↓	23.1	676.5	7.66		2.96	0.22	DTW: 103.3
13:20	↓	23.1	673.6	7.68		2.60	0.20	DTW: 103.6

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 13:30 Time Completed: 13:57

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-06	13:30	Poly	500	NP	
POC-06	13:30	Poly	500	NaOH	Pre-preserved
POC-06	13:30	Poly	250	NP	
POC-06	13:30	Poly	250	HNO3	Pre-preserved
POC-06	13:30	Cubitainer	1 gal	HNO3	Pre-preserved
POC-06	13:30	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES

Well No: POC-09 Date: 11/11/2025

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alyssa Calmette

WELL INFORMATION

Total Well Depth (ft): 262

Casing Diameter (in): 4 Screened Interval (ft) From: 168 to 248

Well/Packer Depth (ft): N/A Depth to Water (ft): 182.6

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 14:30 Time Completed: 14:57 Total Purge Time (min): 27

Purge Method: Pump Setting (ft): 190 ft BTOC Total Purge Volume (gal): 0.92

Time (hr:min)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
14:33	0.03	20.9	743.3	7.76		5.42	1.00	
14:38		21.3	747.9	7.68		2.85	1.53	
14:43		22.0	741.5	7.59		1.91	1.82	
14:48		21.9	742.3	7.60		1.58	1.97	
14:53	↓	22.2	744.5	7.60		1.64	1.51	2.5 L

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 15:00 Time Completed: 15:20

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-09	15:00	Poly	500	NP	
POC-09	15:00	Poly	500	NaOH	Pre-preserved
POC-09	15:00	Poly	250	NP	
POC-09	15:00	Poly	250	HNO3	Pre-preserved
POC-09	15:00	Cubitainer	1 gal	HNO3	Pre-preserved
POC-09	15:00	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No	Type	QC Sample No	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	

Groundwater Sampling Form

PITEAU ASSOCIATES
A TETRA TECH COMPANY

Well No.: POC-08 Date: 11/11/2025

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandra Colmenares

WELL INFORMATION

Total Well Depth (ft): 489

Casing Diameter (in): 4 Screened Interval (ft): From: 259 To: 489

Well/Packer Depth (ft): N/A Depth to Water (ft): 280.4

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 12:20 Time Completed: 13:10 Total Purge Time (min): 50

Purge Method: Low Flow Pump Setting (ft): 180 0.17 8.15 Total Purge Volume (gal): 1.21

Time (hr:mn)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
12:30	0.17	19.0	543.5	7.79		4.5	1.62	
12:35	↓	17.6	544.3	7.80		3.41	7.02	
12:40	↓	17.3	543.5	7.77		2.65	2.06	
12:45	↓	16.9	540.5	7.87		2.21	9.3	3.
13:10	✓	17.1	540.9	7.92		2.02	9.4	3 1/4 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 13:10 Time Completed: 13:35

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-08	13:10	Poly	500	NP	
POC-08	13:10	Poly	500	NaOH	Pre-preserved
POC-08	13:10	Poly	250	NP	
POC-08	13:10	Poly	250	HNO3	Pre-preserved
POC-08	13:10	Cubitainer	1 gal	HNO3	Pre-preserved
POC-08	13:10	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
A TETRA TECH COMPANY

Well No.: POC-09 Date: 11/13/2025

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandra Colmenero

WELL INFORMATION

Total Well Depth (ft): 230

Casing Diameter (in): 4 Screened Interval (ft): From: 100 To: 230

Well/Packer Depth (ft): N/A Depth to Water (ft): 97.62

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 10:50 Time Completed: 11:07 Total Purge Time (min): 17

Purge Method: _____ Pump Setting (ft): 70 D:6 R:14 Total Purge Volume (gal): 224

Time (hrmn.)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
10:52	0.3	20.3	492.7	6.13		6.87	0.33	DTW: 97.09
10:57		19.5	495.1	6.77		2.76	0.34	DTW: 98.12
11:02	↓	19.9	495.6	9.06		2.39	0.30	DTW: 99.24
11:07	↓	18.4	496.4	7.19		2.22	0.30	DTW: 100.0

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 11:20 Time Completed: 11:36

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-09	11:20	Poly	500	NP	
POC-09	11:20	Poly	500	NaOH	Pre-preserved
POC-09	11:20	Poly	250	NP	
POC-09	11:20	Poly	250	HNO3	Pre-preserved
POC-09	11:20	Cubitainer	1 gal	HNO3	Pre-preserved
POC-09	11:20	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES

Well No: POC-10 Date: 11/11/2025

Project Name/Number: COPPER WORLD 4256

Recorder/Sampler: Alejandro Colmenares

WELL INFORMATION

Total Well Depth (ft): 344

Casing Diameter (in): 4 Screened Interval (ft) From: 244 To: 344

Well/Packer Depth (ft): N/A Depth to Water (ft): 262.1

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 9:45 Time Completed: 10:37 Total Purge Time (min): 52

Purge Method: Low flow Pump Setting (ft): 180 D:16 R:14 Total Purge Volume (gal): 3.05

Time (hr:mn)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	ORP (mV)	DO (mg/L)	Turbidity TU	Notes
10:20	0.05	20.0	602.3	7.34		5.68	0.45	DTW: 262.2
10:25	↓	20.5	610.6	7.26		5.36	0.50	DTW: 262.1
10:30	↓	19.0	603.2	7.35		5.46	0.51	DTW: 262.1
10:35	↓	18.9	603.7	7.37		5.31	0.52	DTW: 262.1

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:40 Time Completed: 11:00

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-10	10:40	Poly	500	NP	
POC-10	10:40	Poly	500	NaOH	Pre-preserved
POC-10	10:40	Poly	250	NP	
POC-10	10:40	Poly	250	HNO3	Pre-preserved
POC-10	10:40	Cubitainer	1 gal	HNO3	Pre-preserved
POC-10	10:40	VOA	40	HNO3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
DUP	Duplicate	1	11:10
-	Field Blank	2	-
-	Trip Blank	3	-

December 2025

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-01 Date: 12-17-2025

Project Name/Number: 4286 COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 143.25

Casing Diameter (in): 4 IN Screened Interval (ft): From: 33 To: 143.

Well/Packer Depth (ft): N/A Depth to Water (ft): 49.04

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1252 Time Completed: 1305 Total Purge Time (min): 13

Purge Method: LOW FLOW Pump Setting (ft): 50 psi R 12 > 3 Total Purge Volume (gal): 1.07

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1255	0.082	25.2	1641	7.38	7.51	0.68	49.08	
1360	↓	23.0	1643	7.31	6.16	0.64	49.13	
1305	↓	23.2	1639	7.32	6.11	0.62	49.16	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: ~~1308~~ 1308 Time Completed: 1342

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-01	1308	Poly	500	NP	
↓	↓	Poly	500	NaOH	Pre-preserved
		Poly	250	NP	
		Poly	250	HNO3	Pre-preserved
		Cubitainer	1 gal	HNO3	Pre-preserved
		VOA	40	HNO3	Pre-preserved
↓	↓	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-02 Date: 12-17-2025

Project Name/Number: 4286 COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 142

Casing Diameter (in): 4 IN Screened Interval (ft): From: 32 To: 142

Well/Packer Depth (ft): N/A Depth to Water (ft): ~~34.72~~ 34.72 → WAS 35.33 BUT RECHARGED AS I TOOK READING

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1143 Time Completed: 1156 Total Purge Time (min): 13

Purge Method: LOW FLOW Pump Setting (ft): 50psi R II D4 Total Purge Volume (gal): 2.34

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1146	0.18	25.4	1828	7.23	6.17	0.77	34.71	
1151	↓	24.1	1839	7.21	5.74	0.74	34.44	
1156	↓	23.1	1837	7.19	6.22	0.74	34.31	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1159 Time Completed: 1217

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-02	1159	Poly	500	NP	
↓	↓	Poly	500	NaOH	Pre-preserved
		Poly	250	NP	
		Poly	250	HNO3	Pre-preserved
		Cubitainer	1 gal	HNO3	Pre-preserved
		VOA	40	HNO3	Pre-preserved
↓	↓	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRATECH COMPANY

Well No.: POC-03 Date: 12-17-2025

Project Name/Number: 4286 ROSEMONT

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 154.7

Casing Diameter (in): 4in Screened Interval (ft): From: 34 To: 154

Well/Packer Depth (ft): N/A Depth to Water (ft): 111.4

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1013 Time Completed: 1033 Total Purge Time (min): 20

Purge Method: LOW FLOW Pump Setting (ft): 75 psi R22D8 Total Purge Volume (gal): 1.27

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1020	0.064	22.9	885.5	7.25	6.64	0.48	111.6	
1025	↓	22.2	881.3	7.27	2.64	0.49	111.7	
1030	↓	22.0	883.8	7.29	2.75	0.46	112.0	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1035 Time Completed: 1104

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-03	1035	Poly	500	NP	
↓	↓	Poly	500	NaOH	Pre-preserved
		Poly	250	NP	
		Poly	250	HNO3	Pre-preserved
		Cubitainer	1 gal	HNO3	Pre-preserved
		VOA	40	HNO3	Pre-preserved
		Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-04 Date: 12-17-2025

Project Name/Number: 4286 COPPERWORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 231.75

Casing Diameter (in): 4 IN Screened Interval (ft): From: 52 To: 231.75

Well/Packer Depth (ft): N/A Depth to Water (ft): 142.5

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 0827 Time Completed: 0845 Total Purge Time (min): 18

Purge Method: LOW FLOW Pump Setting (ft): 100psi R22 D8 Total Purge Volume (gal): 0.78

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
0830	0.043	20.3	646.9	7.20	8.14	0.33	142.6	
0835	↓	20.2	648.1	7.12	8.01	0.81	142.7	
0840	↓	20.5	653.6	7.05	4.23	0.84	142.8	
0845	↓	20.4	654.4	7.08	3.85	0.86	142.8	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 0850 Time Completed: 0942

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-04	0850	Poly	500	NP	
↓	↓	Poly	500	NaOH	Pre-preserved
		Poly	250	NP	
		Poly	250	HNO3	Pre-preserved
		Cubitainer	1 gal	HNO3	Pre-preserved
		VOA	40	HNO3	Pre-preserved
↓	↓	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

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A TETRA TECH COMPANY

Well No.: POC-05 Date: 12 · 16 · 2025

Project Name/Number: 4286 COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 278

Casing Diameter (in): 4 in Screened Interval (ft): From: 178 To: 278

Well/Packer Depth (ft): N/A Depth to Water (ft): 143.5

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1425 Time Completed: 1450 Total Purge Time (min): 25

Purge Method: LOW FLOW Pump Setting (ft): 100psi R22 D8 Total Purge Volume (gal): 1.95

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1430	0.078	24.1	522.1	7.63	6.54	0.53	143.6	
1435	↓	23.2	518.8	7.47	2.49	0.72	143.7	
1440		22.8	519.8	7.41	1.87	1.04	143.8	
1445		22.7	521.1	7.44	1.79	1.03	144.1	
1450		22.5	523.2	7.48	3.11	1.02	144.2	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1452 Time Completed: 1522

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-05	1452	Poly	500	NP	
↓	↓	Poly	500	NaOH	Pre-preserved
		Poly	250	NP	
		Poly	250	HNO3	Pre-preserved
		Cubitainer	1 gal	HNO3	Pre-preserved
		VOA	40	HNO3	Pre-preserved
		Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

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Well No.: POC-06 Date: 12.16.2025

Project Name/Number: 4286 COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 243.9

Casing Diameter (in): 4in Screened Interval (ft): From: 104 To: 243.9

Well/Packer Depth (ft): N/A Depth to Water (ft): 103.8

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1248 Time Completed: 1308 Total Purge Time (min): 20

Purge Method: LOW FLOW Pump Setting (ft): 100 psi; R19 D11 Total Purge Volume (gal): 1.26

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1252	0.063	24.6	685.3	7.30	6.91	0.61	104.0	
1257	↓	23.1	679.4	7.39	2.27	0.57	104.3	
1302		23.1	678.2	7.30	2.62	0.66	104.7	
1307	↓	23.3	683.2	7.33	2.54	0.57	104.9	HIT TARGET

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1311 Time Completed: 1353

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-06	1311	Poly	500	NP	
↓	↓	Poly	500	NaOH	Pre-preserved
		Poly	250	NP	
		Poly	250	HNO3	Pre-preserved
		Cubitainer	1 gal	HNO3	Pre-preserved
		VOA	40	HNO3	Pre-preserved
↓	↓	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

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Well No.: POC-07 Date: 12/16/2025

Project Name/Number: 4286 COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 262

Casing Diameter (in): 4 IN Screened Interval (ft): From: 168 To: 248

Well/Packer Depth (ft): N/A Depth to Water (ft): 182.7

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1030 Time Completed: 1054 Total Purge Time (min): 24

Purge Method: LOW FLOW Pump Setting (ft): 100 psi R/P D/I Total Purge Volume (gal): 2.73

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1034	0.114	19.3	741.2	7.42	7.16	8.50	182.7	
1039	↓	19.4	751.6	6.86	2.65	3.26	182.8	
1044		19.7	754.0	7.11	1.67	3.20	182.7	
1049		19.6	750.8	7.02	1.60	3.26	182.7	
1054		19.9	756.5	7.04	1.47	3.24	182.7	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1057 Time Completed: 1117

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-07		Poly	500	NP	
↓		Poly	500	NaOH	Pre-preserved
		Poly	250	NP	
		Poly	250	HNO3	Pre-preserved
		Cubitainer	1 gal	HNO3	Pre-preserved
		VOA	40	HNO3	Pre-preserved
		Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
POC-07	Duplicate	1	1118
-	Field Blank	2	-
✓	Trip Blank	3	11-53

Groundwater Sampling Form

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Well No.: POC-08 Date: 12/16/2025

Project Name/Number: 4286 COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 489

Casing Diameter (in): 4 IN Screened Interval (ft): From: 259 To: 489

Well/Packer Depth (ft): N/A Depth to Water (ft): 279.3

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 0836 Time Completed: 0901 Total Purge Time (min): 25

Purge Method: LOW FLOW Pump Setting (ft): 180psi R19 D11 Total Purge Volume (gal): ~~0.588~~ 0.585

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
0847	0.02	14.2°C	542.3	7.20	8.29	1.13	279.4	
0852	↓	14.0°C	540.6	7.26	7.88	1.15	279.4	
0857	↓	14.0°C	541.8	7.19	7.35	1.15	279.5	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 0905 Time Completed: 6945

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-08	0905	Poly	500	NP	
↓	↓	Poly	500	NaOH	Pre-preserved
		Poly	250	NP	
		Poly	250	HNO3	Pre-preserved
		Cubitainer	1 gal	HNO3	Pre-preserved
		VOA	40	HNO3	Pre-preserved
↓	↓	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

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Well No.: POC-09 Date: 12.15.2025

Project Name/Number: 4286 COPPERWORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 230 FT

Casing Diameter (in): 4 IN Screened Interval (ft): From: 100 To: 230

Well/Packer Depth (ft): N/A Depth to Water (ft): 97.74

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1322 Time Completed: 1350 Total Purge Time (min): 28

Purge Method: LOW FLOW Pump Setting (ft): 70PSI; R17D3 Total Purge Volume (gal): 1.56

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1322	0.056	22.1	478.1	7.68	3.51	2.41	98.42	
1327	↓	20.1	477.2	7.03	2.35	1.65	98.54	
1332		20.2	478.1	7.13	2.51	1.13	98.89	
1337		20.8	479.5	7.08	2.75	0.72	99.03	
1342		19.4	477.8	7.15	3.24	0.72	99.13	
1347	↓	20.2	476.4	7.11	2.83	0.68	99.38	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1355 Time Completed: 1420

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-09	1420	Poly	500	NP	
↓	↓	Poly	500	NaOH	Pre-preserved
		Poly	250	NP	
		Poly	250	HNO3	Pre-preserved
		Cubitainer	1 gal	HNO3	Pre-preserved
		VOA	40	HNO3	Pre-preserved
		Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

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Well No.: POC-10 Date: 12/15/2025

Project Name/Number: 4286 COPPER WORLD

Recorder/Sampler: TYLER HOCHSTATTER

WELL INFORMATION

Total Well Depth (ft): 344

Casing Diameter (in): 4 IN Screened Interval (ft): From: 244 To: 344

Well/Packer Depth (ft): N/A Depth to Water (ft): 262.2 FT

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 1040 Time Completed: 1115 Total Purge Time (min): 35

Purge Method: LOW FLOW Pump Setting (ft): 180psi R20 D10 Total Purge Volume (gal): 0.78

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1055	0.02	19°C	619.2	6.52	6.29	0.69	262.2	
1100	↓	18.7°C	606.0	6.36	5.81	1.19	262.2	
1105		18.2°C	605.8	6.23	5.85	1.07	262.2	
1110	↓	18.0°C	607.1	6.81	6.55	1.07	262.2	
1115		18.0°C	611.2	6.85	5.74	1.12	262.2	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 1122 Time Completed: 1204

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-10	1122	Poly	500	NP	
↓	↓	Poly	500	NaOH	Pre-preserved
		Poly	250	NP	
		Poly	250	HNO3	Pre-preserved
		Cubitainer	1 gal	HNO3	Pre-preserved
		VOA	40	HNO3	Pre-preserved
↓	↓	Poly	250	H2SO4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
✓	Field Blank	2	12-04
-	Trip Blank	3	-

- LAB DIDN'T PROVIDE ENOUGH DI FOR RADCHEM (1 GALLON)

January 2026

Groundwater Sampling Form

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A TETRA TECH COMPANY

Well No: POC-01 Date: 01/14/2026

Project Name/Number: Copper World 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 143.25

Casing Diameter (in): 4 Screened Interval (ft): From 33 To 143

Well/Packer Depth (ft): N/A Depth to Water (ft): 49.56

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 13:27 Time Completed: 13:46 Total Purge Time (min): 19

Purge Method: Low flow Pump Setting (ft): 50 D:3 R:10 Total Purge Volume (gal): 3.6

Time (hrmn.)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
13:30		22.9	1648	7.19	3.44	0.50	49.83	
13:35	↓	22.7	1644	7.22	4.54	0.33	49.93	
13:40		22.3	1650	7.16	4.78	0.29	49.99	
13:45	0.19	22.1	1652	7.19	4.37	0.25	50.09	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 13:51 Time Completed: 14:04

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-01	14:09	Poly	500	NP	
POC-01	14:04	Poly	500	NaOH	Pre-preserved
POC-01	14:04	Poly	250	NP	
POC-01	14:04	Poly	250	HNO3	Pre-preserved
POC-01	14:04	Cubitainer	1 gal	HNO3	Pre-preserved
POC-01	14:04	VOA	40	HNO3	Pre-preserved
POC-01	14:09	Poly	250	H_2SO_4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

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Well No.: POC-02 Date: 01/15/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 142

Casing Diameter (in): 4 Screened Interval (ft): From 82 To 142

Well/Packer Depth (ft): N/A Depth to Water (ft): 31.61

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 9:56 Time Completed: 10:14 Total Purge Time (min): 18

Purge Method: Low flow Pump Setting (ft): 50 D:S 8:10 Total Purge Volume (gal): 4.36

Time (hrmn.)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
9:58		20.6	1728	7.16	4.29	0.54		
10:03	↓	20.4	1715	7.19	3.56	0.53	34.19	
10:08	↓	20.8	1697	7.15	4.83	0.55	34.20	
10:13	0.24	19.9	1694	7.20	4.76	0.51	33.80	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:20 Time Completed: 10:32

Sampling Method: Low Flow Bladder Pump No. of Containers: 18

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-02	10:20	Poly	500	NP	
POC-02	10:20	Poly	500	NaOH	Pre-preserved
POC-02	10:20	Poly	250	NP	
POC-02	10:20	Poly	250	HNO3	Pre-preserved
POC-02	10:20	Cubitainer	1 gal	HNO3	Pre-preserved
POC-02	10:20	VOA	40	HNO3	Pre-preserved
POC-02	10:20	Poly	250	H_2SO_4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
DUP POC-02	Duplicate	1	10:40
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

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Well No.: POC-03 Date: 01/14/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 154.7

Casing Diameter (in): 4 Screened Interval (ft): From: 34 To: 154

Well/Packer Depth (ft): N/A Depth to Water (ft): 111.4

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 11:49 Time Completed: 12:10 Total Purge Time (min): 22

Purge Method: Low flow Pump Setting (ft): 95 0.11 R.M Total Purge Volume (gal): 2.1

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
11:52		22.4	910.1	7.19	5.53	0.37	0.37	
11:59		21.1	880.4	7.27	1.56	0.35	0.5	
12:04		20.5	881.0	7.34	1.68	0.34	112.3	
12:09	0.09	20.7	886.8	9.37	1.42	0.37	112.4	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 12:20 Time Completed: 12:41

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-03	12:20	Poly	500	NP	
POC-03	12:20	Poly	500	NaOH	Pre-preserved
POC-03	12:20	Poly	250	NP	
POC-03	12:20	Poly	250	HNO3	Pre-preserved
POC-03	12:20	Cubitainer	1 gal	HNO3	Pre-preserved
POC-03	12:20	VOA	40	HNO3	Pre-preserved
POC-03	12:20	Poly	250	H_2SO_4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

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Well No.: POC-04 Date: 01/14/2026

Project Name/Number: Copper World 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 231.75

Casing Diameter (in): 4 Screened Interval (ft): From 52 To 231.75

Well/Packer Depth (ft): N/A Depth to Water (ft): 137.3

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 9:43 Time Completed: 10:11 Total Purge Time (min): 28

Purge Method: Low flow Pump Setting (ft): 100 D:12 R:15 Total Purge Volume (gal): 1.44

Time (hrmn.)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
9:43		20.0	662.8	6.56	3.29	0.31	137.7	
9:52	↓	19.3	666.1	7.01	2.27	0.96	137.2	
9:57	↓	20.0	664.0	7.15	2.19	2.63	137.2	
10:02	0.03	20.1	668.1	7.17	2.23	2.72	136.1	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:21 Time Completed: 11:01

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-04	10:21	Poly	500	NP	
POC-04	10:21	Poly	500	NaOH	Pre-preserved
POC-04	10:21	Poly	250	NP	
POC-04	10:21	Poly	250	HNO3	Pre-preserved
POC-04	10:21	Cubitainer	1 gal	HNO3	Pre-preserved
POC-04	10:21	VOA	40	HNO3	Pre-preserved
POC-04	10:21	Poly	250	H_2SO_4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
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Well No: POC 03 Date: 01/13/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 278

Casing Diameter (in): 4 Screened Interval (ft): From 178 To 278

Well/Packer Depth (ft): N/A. Depth to Water (ft): 143.4

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 11:32 Time Completed: 11:56 Total Purge Time (min): 19

Purge Method: Low Flow Pump Setting (ft): 160 & 22 Total Purge Volume (gal): 2.01

Time (hrmn)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
11:41		23.7	533.1	7.67	6.25	1.14		
11:46	↓	22.9	518.0	7.68	1.09	0.49		
11:51	↓	22.4	518.1	7.62	1.06	0.41	144.2	
11:56	0.10	22.5	519.0	7.63	1.03	0.34	144.5	3 1/4 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 12:05 Time Completed: 12:28

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-03	12:05	Poly	500	NP	
POC-03	12:05	Poly	500	NaOH	Pre-preserved
POC-03	12:05	Poly	250	NP	
POC-03	12:05	Poly	250	HNO3	Pre-preserved
POC-03	12:05	Cubitainer	1 gal	HNO3	Pre-preserved
POC-03	12:05	VOA	40	HNO3	Pre-preserved
POC-03	12:05	Poly	236	H_2SO_4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No	Type	QC Sample No	Time
	Duplicate	1	
"	Field Blank	2	"
"	Trip Blank	3	"

Groundwater Sampling Form

PITEAU ASSOCIATES

Well No: POC 06 Date: 01/15/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 243.9

Casing Diameter (in): 4 Screened Interval (ft) From: to 243.9

Well/Packer Depth (ft): N/A Depth to Water (ft): 103.1

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 13:13 Time Completed: 13:27 Total Purge Time (min): 14

Purge Method: Pump Setting (ft): 100 to 114 Total Purge Volume (gal): 1.7

Time (hrmn)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
13:15		23.4	680.7	7.70	6.43	0.30	104.0	
13:26	↓	22.5	662.6	7.94	1.27	0.71		
13:25	0.2	22.7	664.1	7.61	1.37	0.56	103.2	45.3

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 13:40 Time Completed: 13:54

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No	Time	Container Type	Volume (ml)	Preservative	Notes
POC-06	13:40	Poly	500	NP	
POC-06	13:40	Poly	500	NaOH	Pre-preserved
POC-06	13:40	Poly	250	NP	
POC-06	13:40	Poly	250	HNO3	Pre-preserved
POC-06	13:40	Cubitainer	1 gal	HNO3	Pre-preserved
POC-06	13:40	VOA	40	HNO3	Pre-preserved
POC-06	13:40	Poly	250	H_2SO_4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No. POC-07 Date 01/15/2026

Project Name/Number COPPER WORLD 4286

Recorder/Sampler Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 267

Casing Diameter (in): 4 Screened Interval (ft): From: 168 To: 248

Well/Packer Depth (ft): N/A Depth to Water (ft): 182.7

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 15:56 Time Completed: 16:15 Total Purge Time (min): 19

Purge Method: Low flow Pump Setting (ft): 180 to 19 Total Purge Volume (gal): 2.1

Time (hrmn.)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
15:59	↓	20.2	745.5	9.01	6.91	0.40		
16:04	↓	19.6	757.8	7.97	1.31	0.51		
16:09	↓	19.7	752.3	7.58	1.00	0.56	182.7	
16:14	0.11	19.2	754.3	7.54	1.02	0.55	182.7	5.5 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 16:19 Time Completed: 16:34

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-07	16:19	Poly	500	NP	
POC-07	16:19	Poly	500	NaOH	Pre-preserved
POC-07	16:19	Poly	250	NP	
POC-07	16:19	Poly	250	HNO3	Pre-preserved
POC-07	16:19	Cubitainer	1 gal	HNO3	Pre-preserved
POC-07	16:19	VOA	40	HNO3	Pre-preserved
POC-07	16:19	Poly	250	H_2SO_4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
A TETRA TECH COMPANY

Well No: PDI-05 Date: 01/19/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 489

Casing Diameter (in): 4 Screened Interval (ft): From: 259 To 489

Well/Packer Depth (ft): N/A Depth to Water (ft): 278.7

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 13:50 Time Completed: 14:11 Total Purge Time (min): 21

Purge Method: Low flow Pump Setting (ft): 190 / 13 / 17 Total Purge Volume (gal): 1.15

Time (hrmn.)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
1353	1	16.9	528.3	8.03	5.24	1.28	278.9	
14:00	↓	15.7	523.2	8.05	4.86	1.40	279.0	
14:06	0.05	15.2	520.2	7.95	3.42	1.32	279.1	3.0

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 14:20 Time Completed: 14:40

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
PDI-05	14:20	Poly	500	NP	
PDI-05	14:20	Poly	500	NaOH	Pre-preserved
PDI-05	14:20	Poly	250	NP	
PDI-05	14:20	Poly	250	HNO3	Pre-preserved
PDI-05	14:20	Cubitainer	1 gal	HNO3	Pre-preserved
PDI-05	14:20	VOA	40	HNO3	Pre-preserved
PDI-05	14:20	Poly	250	H_2SO_4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	14:50
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No: POC-09 Date: 01/19/2026

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 230

Casing Diameter (in): 4 Screened Interval (ft): From: 100 To: 230

Well/Packer Depth (ft): N/A Depth to Water (ft): 98.11

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 12:18 Time Completed: 12:36 Total Purge Time (min): 18

Purge Method: Low flow Pump Setting (ft): 90 6 14 Total Purge Volume (gal): 2.54

Time (hrmn.)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
12:21		20.9	495.3	7.60	2.81	0.44	98.14	
12:26	↓	19.9	477.8	7.58	2.31	0.42	99.18	
12:31	↓	19.0	475.2	7.63	1.90	1.02	99.79	
12:36	0.138	19.4	497.1	7.57	2.05	1.30	100.40	6 3/8 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 12:45 Time Completed: 13:18

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-09	12:45	Poly	500	NP	
POC-09	12:45	Poly	500	NaOH	Pre-preserved
POC-09	12:45	Poly	250	NP	
POC-09	12:45	Poly	250	HNO_3	Pre-preserved
POC-09	12:45	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-09	12:45	VOA	40	HNO_3	Pre-preserved
POC-09	12:45	Poly	250	H_2SO_4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
"	Field Blank	2	"
"	Trip Blank	3	"

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No: POC-10 Date: 01/19/26

Project Name/Number: Copper World 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 344

Casing Diameter (in): 4 Screened Interval (ft): From: 244 To 344

Well/Packer Depth (ft): N/A Depth to Water (ft): 262.3

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 10:32 Time Completed: 10:44 Total Purge Time (min): 22

Purge Method: Low flow Pump Setting (ft): 180 to 20 Total Purge Volume (gal): 1.77

Time (hrmn.)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
10:39	↓	18.3	611.5	6.63	5.60	1.47	262.3	
10:39		18.6	604.3	7.03	5.72	0.39		
10:39		18.5	603.8	7.16	5.66	0.63		
10:44	0.05	18.3	603.3	7.21	5.36	0.31	262.3	4 V/E.A

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:47 Time Completed: 11:28

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-10	10:47	Poly	500	NP	
POC-10	10:47	Poly	500	NaOH	Pre-preserved
POC-10	10:43	Poly	250	NP	
POC-10	10:47	Poly	250	HNO_3	Pre-preserved
POC-10	10:47	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-10	10:47	VOA	40	HNO_3	Pre-preserved
POC-10	10:47	Poly	250	H_2SO_4	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

February 2026

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-01 Date: 02/12/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 143.25

Casing Diameter (in): 4 Screened Interval (ft): From: 33 To: 143

Well/Packer Depth (ft): N/A Depth to Water (ft): 49.79

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 14:52 Time Completed: 15:12 Total Purge Time (min): 20

Purge Method: Low Flow Pump Setting (ft): 50/5/10 Total Purge Volume (gal): 3.47

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
14:54	↓	23.7	1618	7.28	4.47	0.31	50.09	
14:59		24.2	1616	7.06	4.29	0.45	50.31	
15:05	↓	24.1	1615	6.92	4.23	0.37	--	
15:11	0.17	23.8	1616	7.00	4.16	0.41	50.51	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 15:15 Time Completed: 15:27

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-01	15:15	Poly	500	NP	
POC-01	15:15	Poly	500	NaOH	Pre-preserved
POC-01	15:15	Poly	250	NP	
POC-01	15:15	Poly	250	H_2SO_4	Pre-preserved
POC-01	15:15	Poly	250	HNO_3	Pre-preserved
POC-01	15:15	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-01	15:15	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-02 Date: 02/12/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 142

Casing Diameter (in): 4 Screened Interval (ft): From: 32 To: 142

Well/Packer Depth (ft): N/A Depth to Water (ft): 30.38

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 13:12 Time Completed: 13:30 Total Purge Time (min): 18

Purge Method: Low flow Pump Setting (ft): 50 s 10 Total Purge Volume (gal): 3.98

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
13:14	↓	22.8	1690	7.60	5.90	0.60	30.10	
13:19		22.7	1695	7.11	5.33	0.78	30.15	
13:24	↓	22.7	1688	7.12	5.28	0.88	30.17	
13:29	0.22		1687	6.99	5.14	0.67	30.18	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 13:33 Time Completed: 13:44

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-02	13:33	Poly	500	NP	
POC-02	13:33	Poly	500	NaOH	Pre-preserved
POC-02	13:33	Poly	250	NP	
POC-02	13:33	Poly	250	H_2SO_4	Pre-preserved
POC-02	13:33	Poly	250	HNO_3	Pre-preserved
POC-02	13:33	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-02	13:33	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
DUP POC-02	Duplicate	1	14:00
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-03 Date: 02/12/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 154.7

Casing Diameter (in): 4 Screened Interval (ft): From: 34 To: 154.7

Well/Packer Depth (ft): N/A Depth to Water (ft): 111.4

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 11:48 Time Completed: 12:08 Total Purge Time (min): 20

Purge Method: Low flow Pump Setting (ft): 75 11 19 Total Purge Volume (gal): 2.3

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
11:50		23.3	880.5	7.51	2.17	0.49	111.6	
11:56		23.5	869.0	7.10	1.60	0.60	111.9	
12:01	↓	22.8	864.3	7.13	1.58	0.51	112.2	
12:06	0.11	22.9	863.8	7.08	1.60	0.45	112.5	6.0 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 12:10 Time Completed: 12:38

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-03	12:10	Poly	500	NP	
POC-03	12:10	Poly	500	NaOH	Pre-preserved
POC-03	12:10	Poly	250	NP	
POC-03	12:10	Poly	250	H_2SO_4	Pre-preserved
POC-03	12:10	Poly	250	HNO_3	Pre-preserved
POC-03	12:10	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-03	12:10	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-04 Date: 02/12/2026

Project Name/Number: Copper World 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 231.75

Casing Diameter (in): 4 Screened Interval (ft): From: 52 To: 231.75

Well/Packer Depth (ft): N/A Depth to Water (ft): 133.9

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 9:17 Time Completed: 9:51 Total Purge Time (min): 34

Purge Method: Low flow Pump Setting (ft): 100 12 18 Total Purge Volume (gal): 1.72

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
9:22	↓	20.9	661.6	5.86	7.29	0.61	134.2	
9:29	↓	21.2	661.5	6.53	1.89	1.06	134.5	
9:36	↓	21.4	662.9	6.69	1.42	1.42	134.6	
9:41	↓	20.6	662.5	6.79	1.69	1.63	135.0	
9:48	0.05	21.0	662.6	6.89	1.57	1.64	133.7	4.5 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:04 Time Completed: 10:52

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-04	10:04	Poly	500	NP	
POC-04	10:04	Poly	500	NaOH	Pre-preserved
POC-04	10:04	Poly	250	NP	
POC-04	10:04	Poly	250	H_2SO_4	Pre-preserved
POC-04	10:04	Poly	250	HNO_3	Pre-preserved
POC-04	10:04	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-04	10:04	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-05 Date: 02/16/2026

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 278

Casing Diameter (in): 4 Screened Interval (ft): From: 178 To: 278

Well/Packer Depth (ft): N/A Depth to Water (ft): 143.2

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 15:26 Time Completed: 15:55 Total Purge Time (min): 29

Purge Method: Low flow Pump Setting (ft): 100 & 22 Total Purge Volume (gal): 2.48

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
15:30	↓	21.3	510.9	8.15	6.36	0.46	143.6	
15:36	↓	21.1	509.4	8.02	1.80	0.45	143.9	
15:43	↓	21.5	513.6	7.97	1.71	0.55	144.2	
15:48	↓	21.3	512.7	7.88	1.74	0.61	144.6	
15:53	0.08	20.8	509.8	7.85	1.82	0.51	144.7	6.5 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 16:00 Time Completed: 16:25

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-05	16:00	Poly	500	NP	
POC-05	16:00	Poly	500	NaOH	Pre-preserved
POC-05	16:00	Poly	250	NP	
POC-05	16:00	Poly	250	H_2SO_4	Pre-preserved
POC-05	16:00	Poly	250	HNO_3	Pre-preserved
POC-05	16:00	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-05	16:00	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	16:30
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-06 Date: 02/12/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 243.9

Casing Diameter (in): 4 Screened Interval (ft): From: To: 243.9

Well/Packer Depth (ft): N/A Depth to Water (ft): 103.6

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 16:05 Time Completed: 16:25 Total Purge Time (min): 20

Purge Method: Low flow Pump Setting (ft): 110 17 13 Total Purge Volume (gal): 2.69

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
16:07		23.2	690.2	7.56	5.15	0.29		
16:12		22.0	691.2	7.49	1.18	0.30	104.9	
16:17	↓	22.2	691.1	7.37	1.07	0.27	105.6	
16:23	0.13	22.1	692.0	7.36	1.01	0.26	105.9	Fin

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 16:26 Time Completed: 16:42

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-06	16:26	Poly	500	NP	
POC-06	16:26	Poly	500	NaOH	Pre-preserved
POC-06	16:26	Poly	250	NP	
POC-06	16:26	Poly	250	H_2SO_4	Pre-preserved
POC-06	16:26	Poly	250	HNO_3	Pre-preserved
POC-06	16:26	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-06	16:26	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-07 Date: 02/17/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 262

Casing Diameter (in): 4 Screened Interval (ft): From: 168 To: 248

Well/Packer Depth (ft): N/A Depth to Water (ft): 182.8

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 11:01 Time Completed: 11:20 Total Purge Time (min): 19

Purge Method: Low flow Pump Setting (ft): 110 to 119 Total Purge Volume (gal): 2.69

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
11:04	↓	18.4	762.0	6.24	5.80	0.56	182.8	
11:09	↓	18.8	769.8	6.72	1.57	0.66	182.9	
11:14	↓	18.0	779.2	6.70	1.55	0.62	182.8	
11:19	0.14	18.4	768.3	6.83	1.52	0.63	182.9	7 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 11:33 Time Completed: 11:46

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-07	11:33	Poly	500	NP	
POC-07	11:33	Poly	500	NaOH	Pre-preserved
POC-07	11:33	Poly	250	NP	
POC-07	11:33	Poly	250	H_2SO_4	Pre-preserved
POC-07	11:33	Poly	250	HNO_3	Pre-preserved
POC-07	11:33	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-07	11:33	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-08 Date: 02/16/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 489

Casing Diameter (in): 4 Screened Interval (ft): From: 259 To: 489

Well/Packer Depth (ft): N/A Depth to Water (ft): 278.3

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 11:46 Time Completed: 12:15 Total Purge Time (min): 29

Purge Method: Low flow Pump Setting (ft): 195 13 17 Total Purge Volume (gal): 3.3

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
11:50		16.8	506.0	8.19	5.73	0.63	278.6	
11:56		16.6	502.1	8.20	1.92	3.64	278.9	
12:04		16.5	501.0	8.21	1.36	4.58	279.1	
12:09	↓	16.4	505.3	8.01	1.26	4.26	279.4	
12:14	0.11	16.6	512.1	8.04	1.33	4.10	299.5	8 s/bin

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 12:18 Time Completed: 12:54

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-08	12:18	Poly	500	NP	
POC-08	12:18	Poly	500	NaOH	Pre-preserved
POC-08	12:18	Poly	250	NP	
POC-08	12:18	Poly	250	H_2SO_4	Pre-preserved
POC-08	12:18	Poly	250	HNO_3	Pre-preserved
POC-08	12:18	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-08	12:18	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-09 Date: 02/16/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 230

Casing Diameter (in): 4 Screened Interval (ft): From: 180 To: 230

Well/Packer Depth (ft): N/A Depth to Water (ft): 97.94

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 13:48 Time Completed: 14:09 Total Purge Time (min): 21

Purge Method: low flow Pump Setting (ft): 70 16 14 Total Purge Volume (gal): 3.26

Time (hrmn.)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
13:52	↓	18.2	474.0	7.97	4.41	0.87	98.46	
13:58	↓	17.8	476.2	7.83	1.95	1.20	99.87	
14:04	↓	17.5	476.0	7.85	1.94	0.90	100.1	
14:09	0.15	17.5	474.6	7.89	1.88	1.11	101.4	8.5 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 14:13 Time Completed: 14:21

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-09	14:13	Poly	500	NP	
POC-09	14:13	Poly	500	NaOH	Pre-preserved
POC-09	14:13	Poly	250	NP	
POC-09	14:13	Poly	250	H_2SO_4	Pre-preserved
POC-09	14:13	Poly	250	HNO_3	Pre-preserved
POC-09	14:13	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-09	14:13	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-10 Date: 02/16/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 344

Casing Diameter (in): 4 Screened Interval (ft): From: 244 To: 344

Well/Packer Depth (ft): N/A Depth to Water (ft): 262.3

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 10:13 Time Completed: 10:38 Total Purge Time (min): 25

Purge Method: Low flow Pump Setting (ft): 200 ft 12 Total Purge Volume (gal): 2.59

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
10:20		17.7	599.1	6.50	5.42	0.58	262.3	
10:26		19.5	596.5	7.02	6.28	0.52	262.3	
10:31	↓	19.4	596.2	7.11	6.16	0.51	262.3	
10:37	0.10	17.3	596.7	7.23	6.12	0.56	262.3	6 3/4 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:45 Time Completed: 11:00

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-10	10:45	Poly	500	NP	
POC-10	10:45	Poly	500	NaOH	Pre-preserved
POC-10	10:45	Poly	250	NP	
POC-10	10:45	Poly	250	H_2SO_4	Pre-preserved
POC-10	10:45	Poly	250	HNO_3	Pre-preserved
POC-10	10:45	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-10	10:45	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

April 2026

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-01 Date: 04/14/2026

Project Name/Number: COPPER WORLD 4286

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 143.25

Casing Diameter (in): 4 Screened Interval (ft): From: 33 To: 143.25

Well/Packer Depth (ft): N/A Depth to Water (ft): 51.12

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 9:39 Time Completed: 10:01 Total Purge Time (min): 22

Purge Method: Low Flow Pump Setting (ft): 50 s 10 Total Purge Volume (gal): 4.0

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
9:45	↓	23.4	1670	6.37	6.26	0.57	51.63	
9:51	↓	23.7	1669	6.79	6.06	0.58	51.97	
9:57	0.18	23.3	1602	6.96	5.84	0.54	52.08	10.5 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:10 Time Completed: 10:28

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-01	10:10	Poly	500	NP	
POC-01	10:10	Poly	500	NaOH	Pre-preserved
POC-01	10:10	Poly	250	NP	
POC-01	10:10	Poly	250	H_2SO_4	Pre-preserved
POC-01	10:10	Poly	250	HNO_3	Pre-preserved
POC-01	10:10	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-01	10:10	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-02 Date: 04/13/2026

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 142

Casing Diameter (in): 4 Screened Interval (ft): From: 32 To: 142

Well/Packer Depth (ft): N/A Depth to Water (ft):

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 11:19 Time Completed: 11:37 Total Purge Time (min): 18

Purge Method: Low Flow Pump Setting (ft): 50 s 10 Total Purge Volume (gal): 4.4

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
11:24	1	24.2	1748	7.13	6.69	1.07		
11:30	↓	23.1	1749	7.21	6.49	0.60		
11:35	0.24	23.0	1749	7.17	6.51	0.54		11.5 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 11:45 Time Completed: 12:27

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-02	11:45	Poly	500	NP	
POC-02	11:45	Poly	500	NaOH	Pre-preserved
POC-02	11:45	Poly	250	NP	
POC-02	11:45	Poly	250	H_2SO_4	Pre-preserved
POC-02	11:45	Poly	250	HNO_3	Pre-preserved
POC-02	11:45	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-02	11:45	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
POC-02 DUP	Duplicate	1	12:14
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-03 Date: 04/13/2026

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 154.7

Casing Diameter (in): 4 Screened Interval (ft): From: 34 To: 154.7

Well/Packer Depth (ft): N/A Depth to Water (ft):

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 12:10 Time Completed: 12:33 Total Purge Time (min): 23

Purge Method: Low Flow Pump Setting (ft): 80 11 19 Total Purge Volume (gal): 2.69

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
12:15	↓	23.0	898.4	7.84	5.95	0.58	111.7	
12:20		22.3	886.0	7.49	1.90	0.77	112.1	
12:25	↓	22.4	889.4	7.73	1.63	0.67	122.5	
12:30	0.11	22.6	888.7	7.74	1.51	0.56	112.8	7.0 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 12:40 Time Completed: 13:02

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-03	12:40	Poly	500	NP	
POC-03	12:40	Poly	500	NaOH	Pre-preserved
POC-03	12:40	Poly	250	NP	
POC-03	12:40	Poly	250	H_2SO_4	Pre-preserved
POC-03	12:40	Poly	250	HNO_3	Pre-preserved
POC-03	12:40	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-03	12:40	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-04 Date: 04/13/2026

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandra Colmenero

WELL INFORMATION

Total Well Depth (ft): 231.75

Casing Diameter (in): 4 Screened Interval (ft): From: 52 To: 231.75

Well/Packer Depth (ft): N/A Depth to Water (ft): 128.8

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 10:14 Time Completed: 10:52 Total Purge Time (min): 38

Purge Method: Low Flow Pump Setting (ft): 110 14 16 Total Purge Volume (gal): 1.96

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
10:30	↓	24.1	698.4	6.71	3.96	2.79	129.3	
10:36		23.5	692.6	7.43	2.22	2.16	129.8	
10:41		23.3	691.0	7.52	2.30	2.15	129.5	
10:48	0.05	23.0	691.2	7.61	2.18	1.97	130.1	

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 11:05 Time Completed: 11:36

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-04	11:05	Poly	500	NP	
POC-04	11:05	Poly	500	NaOH	Pre-preserved
POC-04	11:05	Poly	250	NP	
POC-04	11:05	Poly	250	H_2SO_4	Pre-preserved
POC-04	11:05	Poly	250	HNO_3	Pre-preserved
POC-04	11:05	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-04	11:05	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
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A TETRA TECH COMPANY

Well No.: POC-05 Date: 04/14/2026

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 278

Casing Diameter (in): 4 Screened Interval (ft): From: 178 To: 278

Well/Packer Depth (ft): N/A Depth to Water (ft): 143.3

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 13:04 Time Completed: 13:52 Total Purge Time (min):

Purge Method: Low Flow Pump Setting (ft): 100 & 22 Total Purge Volume (gal):

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
13:15	↓	24.2	531.4	7.59	1.98	1.31	143.8	
13:21	↓	23.4	531.4	7.59	1.50	0.90	144.2	
13:28	0.07	23.3	531.8	7.62	1.52	0.85	144.4	5.25 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 13:40 Time Completed: 14:05

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-05		Poly	500	NP	
POC-05		Poly	500	NaOH	Pre-preserved
POC-05		Poly	250	NP	
POC-05		Poly	250	H_2SO_4	Pre-preserved
POC-05		Poly	250	HNO_3	Pre-preserved
POC-05		Cubitainer	1 gal	HNO_3	Pre-preserved
POC-05		VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-06 Date: 04/14/2026

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 243.9

Casing Diameter (in): 4 Screened Interval (ft): From: To: 243.9

Well/Packer Depth (ft): N/A Depth to Water (ft): 103.4

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 14:29 Time Completed: 12:52 Total Purge Time (min): 23

Purge Method: Low Flow Pump Setting (ft): 100 11 09 Total Purge Volume (gal): 2.0

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
14:35	↓	23.6	720.5	7.66	2.40	0.18	104.6	
14:40		22.5	732.0	7.54	2.03	0.25	104.5	
14:45	↓	22.4	732.9	7.52	2.06	0.26	105.2	
14:50	0.08	22.4	732.2	7.51	2.02	0.26	105.5	5.25 in.

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 15:00 Time Completed: 15:20

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-06	15:00	Poly	500	NP	
POC-06	15:00	Poly	500	NaOH	Pre-preserved
POC-06	15:00	Poly	250	NP	
POC-06	15:00	Poly	250	H_2SO_4	Pre-preserved
POC-06	15:00	Poly	250	HNO_3	Pre-preserved
POC-06	15:00	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-06	15:00	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	14:30
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-07 Date: 04/15/2026

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 262

Casing Diameter (in): 4 Screened Interval (ft): From: 168 To: 248

Well/Packer Depth (ft): N/A Depth to Water (ft): 184.4

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 14:48 Time Completed: 15:06 Total Purge Time (min): 18

Purge Method: Low Flow Pump Setting (ft): 100 to 119 Total Purge Volume (gal): 2.4

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
14:52	↓	23.3	773.4	7.70	8.01	0.57	184.5	
14:58	↓	21.8	703.5	7.67	7.86	0.55	184.5	
15:04	0.13	21.3	706.5	7.65	7.78	0.55	184.5	6 1/4 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 15:10 Time Completed: 15:28

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-07	15:10	Poly	500	NP	
POC-07	15:10	Poly	500	NaOH	Pre-preserved
POC-07	15:10	Poly	250	NP	
POC-07	15:10	Poly	250	H_2SO_4	Pre-preserved
POC-07	15:10	Poly	250	HNO_3	Pre-preserved
POC-07	15:10	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-07	15:10	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-08 Date: 04/15/2026

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 489

Casing Diameter (in): 4 Screened Interval (ft): From: 259 To: 489

Well/Packer Depth (ft): N/A Depth to Water (ft): 277.9

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 13:00 Time Completed: 13:26 Total Purge Time (min): 26

Purge Method: Low Flow Pump Setting (ft): 210 218 Total Purge Volume (gal): 2.8

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
13:09	↓	24.6	512.9	7.83	2.72	1.85	278.2	
13:15	↓	20.4	513.1	7.92	1.44	3.50	278.5	
13:22	0.10	21.0	515.8	7.82	1.41	3.66	278.9	7 3/4 in

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 13:35 Time Completed: 13:54

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-08	13:35	Poly	500	NP	
POC-08	13:35	Poly	500	NaOH	Pre-preserved
POC-08	13:35	Poly	250	NP	
POC-08	13:35	Poly	250	H_2SO_4	Pre-preserved
POC-08	13:35	Poly	250	HNO_3	Pre-preserved
POC-08	13:35	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-08	13:35	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POC-09 Date: 04/15/2026

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 230

Casing Diameter (in): 4 Screened Interval (ft): From: 100 To: 230

Well/Packer Depth (ft): N/A Depth to Water (ft): 98.20

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 11:29 Time Completed: 11:58 Total Purge Time (min): 29

Purge Method: Low Flow Pump Setting (ft): 70 to 14 Total Purge Volume (gal): 3.8

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
11:33	↓	23.3	503.2	7.58	4.01	0.30	99.11	
11:39		20.0	496.9	7.46	2.76	0.56	100.4	
11:46	↓	20.2	498.0	7.42	2.44	0.67	101.9	
11:52	0.13	18.9	497.3	7.40	2.43	0.56	102.1	4 6al +

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 12:10 Time Completed: 12:27

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POC-09	12:10	Poly	500	NP	
POC-09	12:10	Poly	500	NaOH	Pre-preserved
POC-09	12:10	Poly	250	NP	
POC-09	12:10	Poly	250	H_2SO_4	Pre-preserved
POC-09	12:10	Poly	250	HNO_3	Pre-preserved
POC-09	12:10	Cubitainer	1 gal	HNO_3	Pre-preserved
POC-09	12:10	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

Groundwater Sampling Form

PITEAU ASSOCIATES
GEOTECHNICAL AND WATER MANAGEMENT CONSULTANTS
A TETRA TECH COMPANY

Well No.: POI-10 Date: 04/15/2026

Project Name/Number: COPPER WORLD

Recorder/Sampler: Alejandro Colmenero

WELL INFORMATION

Total Well Depth (ft): 344

Casing Diameter (in): 4 Screened Interval (ft): From: 244 To: 344

Well/Packer Depth (ft): N/A Depth to Water (ft): 262.3

PURGE INFORMATION AND FIELD MEASUREMENTS

Time Started: 9:44 Time Completed: 10:08 Total Purge Time (min): 24

Purge Method: Low Flow Pump Setting (ft): 180 1614 Total Purge Volume (gal): 2.5

Time (hrmn:)	Pumping Rate/Vol (gpm)	Temp (°C / °F)	Conductivity (mhos/cm)	pH (s.u.)	DO (mg/L)	Turbidity TU	DTW (ft)	Notes
9:46	↓	19.7	650.2	7.59	6.58	0.57	262.4	
9:53	↓	18.8	622.4	7.37	7.44	0.72	262.4	
9:59	↓	18.6	622.5	7.36	7.00	0.57	262.4	
10:06	0.10	18.7	622.4	7.35	7.28	0.53	262.4	6 5/8

SAMPLING INFORMATION AND SAMPLE RECORD

Time Started: 10:15 Time Completed: 10:36

Sampling Method: Low Flow Bladder Pump No. of Containers: 9

Sample No.	Time	Container Type	Volume (ml)	Preservative	Notes
POI-10	10:15	Poly	500	NP	
POI-10	10:15	Poly	500	NaOH	Pre-preserved
POI-10	10:15	Poly	250	NP	
POI-10	10:15	Poly	250	H_2SO_4	Pre-preserved
POI-10	10:15	Poly	250	HNO_3	Pre-preserved
POI-10	10:15	Cubitainer	1 gal	HNO_3	Pre-preserved
POI-10	10:15	VOA	40	HNO_3	Pre-preserved

QUALITY CONTROL SAMPLE RECORD

Orig. Sample No.	Type	QC Sample No.	Time
	Duplicate	1	
-	Field Blank	2	-
-	Trip Blank	3	-

ATTACHMENT 2
Laboratory Analytical Reports

September 02, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25G0696
Order Name: Groundwater
200994530000 / 619033

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 9 sample(s) on 07/23/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Date Received: 07/23/2025

Order: Groundwater 200994530000 / 619033

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25G0696-01	POC - 01	Ground Water	07/22/2025 1035
25G0696-02	POC - 02	Ground Water	07/22/2025 1130
25G0696-03	POC - 03	Ground Water	07/22/2025 1220
25G0696-04	POC - 06	Ground Water	07/22/2025 1445
25G0696-05	POC - 05	Ground Water	07/22/2025 1550
25G0696-06	POC - 07	Ground Water	07/23/2025 0845
25G0696-07	POC - 09	Ground Water	07/23/2025 1000
25G0696-08	POC - 10	Ground Water	07/23/2025 1100
25G0696-09	POC - 08	Ground Water	07/23/2025 1200

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Date Received: 07/23/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

This report has been revised to report pH.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E7	Concentration estimated. Internal standard recoveries did not meet laboratory acceptance criteria.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H2	Initial analysis was performed within holding time. Reanalysis for the required dilution was past holding time.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
R9	Sample RPD exceeded the laboratory acceptance limit.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-01

Client Sample ID: POC - 01
Collection Date/Time: 07/22/2025 1035
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	22		5.6		mg/L	10	08/05/2025 1240	08/05/2025 1444	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	22		5.1		mg/L	10	07/23/2025 1739	07/29/2025 2102	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.017		0.30		mg/L	1	08/05/2025 0943	08/05/2025 1512	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.016		0.00050		mg/L	1	07/30/2025 1211	07/30/2025 1750	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	240		4.0		mg/L	1	08/01/2025 1332	08/06/2025 1244	RAR
Magnesium	69		3.0		mg/L	1	08/01/2025 1332	08/06/2025 1244	RAR
Potassium	5.7		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1244	RAR
Sodium	20		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1244	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Antimony	0.00033	0.000039	0.00050	E4	mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Arsenic	0.0037		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Barium	0.039		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Beryllium	0.000018	0.000013	0.00025	E4	mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Chromium	0.00094		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Cobalt	0.00049		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Copper	0.0011		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Manganese	0.022		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Molybdenum	0.081		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Nickel	0.0040		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Selenium	0.013		0.0025		mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
Uranium	0.014		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-01

Client Sample ID: POC - 01
Collection Date/Time: 07/22/2025 1035
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.032	0.0023	0.040	E4	mg/L	1	07/28/2025 0800	07/28/2025 1635	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	08/04/2025 0915	08/04/2025 1632	JWK
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	39		10		mg/L	10	07/23/2025 1739	07/29/2025 2102	ES
Fluoride	0.87		0.50		mg/L	1	07/23/2025 1739	07/24/2025 0319	ES
Nitrogen, Nitrate (As N)	22		5.0	H2	mg/L	10	07/23/2025 1739	07/29/2025 2102	ES
Nitrogen, Nitrite (As N)	ND	0.045	0.10	E8	mg/L	1	07/23/2025 1739	07/24/2025 0319	ES
Sulfate	610		50		mg/L	10	07/23/2025 1739	07/29/2025 2102	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	08/05/2025 1240	08/05/2025 1444	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	08/07/2025 0904	08/07/2025 1533	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Total (As CaCO3)	190		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400		20		mg/L	1	07/29/2025 0830	07/31/2025 1051	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	08/04/2025 0917	08/04/2025 1441	ES
pH-SM4500-H+ B									

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-01

Client Sample ID: POC - 01
Collection Date/Time: 07/22/2025 1035
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.7			H5	-	1	08/27/2025 1530	08/27/2025 1611	IM
Temperature (°C)	24			H5	-	1	08/27/2025 1530	08/27/2025 1611	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1606	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	07/23/2025 1700	07/24/2025 1606	PB
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1606	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1606	PB
Toluene	0.058	0.057	0.50	E4	ug/L	1	07/23/2025 1700	07/24/2025 1606	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/23/2025 1700	07/24/2025 1606	PB
Surr: 4-Bromofluorobenzene	*107*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1606*	*PB*
Surr: Dibromofluoromethane	*93*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1606*	*PB*
Surr: Toluene-d8	*89*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1606*	*PB*

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-02

Client Sample ID: POC - 02
Collection Date/Time: 07/22/2025 1130
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.9		1.1		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.9		0.60		mg/L	1	07/23/2025 1739	07/24/2025 0339	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.053		0.30		mg/L	1	08/05/2025 0943	08/05/2025 1516	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.018		0.00050		mg/L	1	07/30/2025 1211	07/30/2025 1753	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	210		4.0		mg/L	1	08/01/2025 1332	08/06/2025 1247	RAR
Magnesium	64		3.0		mg/L	1	08/01/2025 1332	08/06/2025 1247	RAR
Potassium	4.6	0.14	5.0	E4	mg/L	1	08/01/2025 1332	08/06/2025 1247	RAR
Sodium	32		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1247	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Antimony	0.00084		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Arsenic	0.0060		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Barium	0.026		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Beryllium	0.000028	0.000013	0.00025	E4	mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Chromium	0.0010		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Cobalt	0.00031		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Copper	0.0011		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Manganese	0.0024		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Molybdenum	0.17		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Nickel	0.0032		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Selenium	0.0094		0.0025		mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Uranium	0.016		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR
Zinc	0.023	0.0023	0.040	E4	mg/L	1	07/28/2025 0800	07/28/2025 1638	RAR

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-02

Client Sample ID: POC - 02
Collection Date/Time: 07/22/2025 1130
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	08/04/2025 0915	08/04/2025 1634	JWK
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	57		10		mg/L	10	07/23/2025 1739	07/31/2025 1450	ES
Fluoride	1.5		0.50		mg/L	1	07/23/2025 1739	07/24/2025 0339	ES
Nitrogen, Nitrate (As N)	1.9		0.50		mg/L	1	07/23/2025 1739	07/24/2025 0339	ES
Nitrogen, Nitrite (As N)	ND	0.045	0.10	E8	mg/L	1	07/23/2025 1739	07/24/2025 0339	ES
Sulfate	600		50		mg/L	10	07/23/2025 1739	07/31/2025 1450	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND		0.50		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	08/07/2025 0904	08/07/2025 1533	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	180		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Total (As CaCO3)	180		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1300		20		mg/L	1	07/29/2025 0830	07/31/2025 1051	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	08/04/2025 0917	08/04/2025 1441	ES
pH-SM4500-H+ B									
pH (pH Units)	7.6			H5	-	1	08/29/2025 1503	08/29/2025 1510	IM
Temperature (°C)	23			H5	-	1	08/29/2025 1503	08/29/2025 1510	IM

Turner Laboratories, Inc.

Date: 09/02/2025

Client:	Copper World, Inc.	**Client Sample ID:**	POC - 02
Project:	Ambient GW Monitoring	**Collection Date/Time:**	07/22/2025 1130
Work Order:	25G0696	**Matrix:**	Ground Water
Lab Sample ID:	25G0696-02	**Order Name:**	Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1643	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	07/23/2025 1700	07/24/2025 1643	PB
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1643	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1643	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1643	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/23/2025 1700	07/24/2025 1643	PB
Surr: 4-Bromofluorobenzene	*118*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1643*	*PB*
Surr: Dibromofluoromethane	*101*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1643*	*PB*
Surr: Toluene-d8	*95*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1643*	*PB*

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-03

Client Sample ID: POC - 03
Collection Date/Time: 07/22/2025 1220
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.6		1.1		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.6		0.60		mg/L	1	07/23/2025 1739	07/24/2025 0358	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.041		0.30		mg/L	1	08/05/2025 0943	08/05/2025 1519	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.011		0.00050		mg/L	1	07/30/2025 1211	07/30/2025 1756	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	110		4.0		mg/L	1	08/01/2025 1332	08/06/2025 1250	RAR
Magnesium	30		3.0		mg/L	1	08/01/2025 1332	08/06/2025 1250	RAR
Potassium	4.5	0.14	5.0	E4	mg/L	1	08/01/2025 1332	08/06/2025 1250	RAR
Sodium	33		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1250	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Antimony	0.0011		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Arsenic	0.0076		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Barium	0.063		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Beryllium	0.000026	0.000013	0.00025	E4	mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Chromium	0.0011		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Cobalt	0.0013		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Copper	0.00096		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Manganese	0.087		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Molybdenum	0.22		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Nickel	0.0029		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Selenium	0.0046		0.0025		mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Uranium	0.0091		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR
Zinc	0.034	0.0023	0.040	E4	mg/L	1	07/28/2025 0800	07/28/2025 1641	RAR

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-03

Client Sample ID: POC - 03
Collection Date/Time: 07/22/2025 1220
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	08/04/2025 0915	08/04/2025 1637	JWK
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	26		5.0		mg/L	5	07/23/2025 1739	07/29/2025 2141	ES
Fluoride	1.4		0.50		mg/L	1	07/23/2025 1739	07/24/2025 0358	ES
Nitrogen, Nitrate (As N)	1.5		0.50		mg/L	1	07/23/2025 1739	07/24/2025 0358	ES
Nitrogen, Nitrite (As N)	0.066	0.045	0.10	E4	mg/L	1	07/23/2025 1739	07/24/2025 0358	ES
Sulfate	200		25		mg/L	5	07/23/2025 1739	07/29/2025 2141	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND		0.50		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	08/07/2025 0904	08/07/2025 1533	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	220		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Total (As CaCO3)	220		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	660		20		mg/L	1	07/29/2025 0830	07/31/2025 1051	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	08/04/2025 0917	08/04/2025 1441	ES
pH-SM4500-H+ B									
pH (pH Units)	7.8			H5	-	1	08/29/2025 1503	08/29/2025 1513	IM
Temperature (°C)	23			H5	-	1	08/29/2025 1503	08/29/2025 1513	IM

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-03

Client Sample ID: POC - 03
Collection Date/Time: 07/22/2025 1220
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1719	PB
Carbon disulfide	0.26	0.11	2.0	E4	ug/L	1	07/23/2025 1700	07/24/2025 1719	PB
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1719	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1719	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1719	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/23/2025 1700	07/24/2025 1719	PB
Surr: 4-Bromofluorobenzene	*115*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1719*	*PB*
Surr: Dibromofluoromethane	*100*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1719*	*PB*
Surr: Toluene-d8	*98*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1719*	*PB*

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-04

Client Sample ID: POC - 06
Collection Date/Time: 07/22/2025 1445
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	07/23/2025 1739	07/24/2025 0417	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.033	0.0031	0.30	E4	mg/L	1	08/01/2025 1418	08/11/2025 1731	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0048		0.00050		mg/L	1	08/05/2025 1427	08/06/2025 1357	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	37		4.0		mg/L	1	08/01/2025 1332	08/06/2025 1253	RAR
Magnesium	11		3.0		mg/L	1	08/01/2025 1332	08/06/2025 1253	RAR
Potassium	2.3	0.14	5.0	E4	mg/L	1	08/01/2025 1332	08/06/2025 1253	RAR
Sodium	41		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1253	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Antimony	0.00066		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Arsenic	0.0029		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Barium	0.039		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Beryllium	0.000089	0.000013	0.00025	E4	mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Chromium	0.00087		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Cobalt	0.000084	0.000010	0.00025	E4	mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Copper	0.0015		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Manganese	0.022		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Molybdenum	0.11		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Nickel	0.00083		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Selenium	0.00065	0.00025	0.0025	E4	mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Uranium	0.0037		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR
Zinc	0.026	0.0023	0.040	E4	mg/L	1	07/28/2025 0800	07/28/2025 1644	RAR

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-04

Client Sample ID: POC - 06
Collection Date/Time: 07/22/2025 1445
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	08/04/2025 0915	08/04/2025 1639	JWK
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	19		1.0		mg/L	1	07/23/2025 1739	07/24/2025 0417	ES
Fluoride	2.8		0.50		mg/L	1	07/23/2025 1739	07/24/2025 0417	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	07/23/2025 1739	07/24/2025 0417	ES
Nitrogen, Nitrite (As N)	ND	0.045	0.10	E8	mg/L	1	07/23/2025 1739	07/24/2025 0417	ES
Sulfate	37		5.0		mg/L	1	07/23/2025 1739	07/24/2025 0417	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND		0.50		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	08/07/2025 0904	08/07/2025 1533	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	180		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Total (As CaCO3)	180		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	290		20		mg/L	1	07/29/2025 0830	07/31/2025 1051	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	08/04/2025 0917	08/04/2025 1441	ES
pH-SM4500-H+ B									
pH (pH Units)	8.0			H5	-	1	08/29/2025 1503	08/29/2025 1515	IM
Temperature (°C)	24			H5	-	1	08/29/2025 1503	08/29/2025 1515	IM

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-04

Client Sample ID: POC - 06
Collection Date/Time: 07/22/2025 1445
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1756	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	07/23/2025 1700	07/24/2025 1756	PB
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1756	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1756	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1756	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/23/2025 1700	07/24/2025 1756	PB
Surr: 4-Bromofluorobenzene	*116*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1756*	*PB*
Surr: Dibromofluoromethane	*101*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1756*	*PB*
Surr: Toluene-d8	*95*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1756*	*PB*

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-05

Client Sample ID: POC - 05
Collection Date/Time: 07/22/2025 1550
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	07/23/2025 1739	07/24/2025 0437	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.63		0.30		mg/L	1	08/01/2025 1418	08/11/2025 1737	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.024		0.00050		mg/L	1	08/05/2025 1427	08/06/2025 1403	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	34		4.0		mg/L	1	08/01/2025 1332	08/06/2025 1256	RAR
Magnesium	7.2		3.0		mg/L	1	08/01/2025 1332	08/06/2025 1256	RAR
Potassium	3.0	0.14	5.0	E4	mg/L	1	08/01/2025 1332	08/06/2025 1256	RAR
Sodium	53		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1256	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Antimony	0.00013	0.000039	0.00050	E4	mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Arsenic	0.0045		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Barium	0.081		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Beryllium	0.000017	0.000013	0.00025	E4	mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Chromium	0.00099		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Cobalt	0.00031		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Copper	0.0012		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Manganese	0.29		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Molybdenum	0.061		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Nickel	0.00076		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Selenium	0.0011	0.00025	0.0025	E4	mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Uranium	0.019		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR
Zinc	0.014	0.0023	0.040	E4	mg/L	1	07/28/2025 0800	07/28/2025 1647	RAR

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-05

Client Sample ID: POC - 05
Collection Date/Time: 07/22/2025 1550
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	08/04/2025 0915	08/04/2025 1642	JWK
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	17		1.0		mg/L	1	07/23/2025 1739	07/24/2025 0437	ES
Fluoride	2.8		0.50		mg/L	1	07/23/2025 1739	07/24/2025 0437	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	07/23/2025 1739	07/24/2025 0437	ES
Nitrogen, Nitrite (As N)	ND	0.045	0.10	E8	mg/L	1	07/23/2025 1739	07/24/2025 0437	ES
Sulfate	27		5.0		mg/L	1	07/23/2025 1739	07/24/2025 0437	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND		0.50		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	08/07/2025 0904	08/07/2025 1533	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	160		2.0		mg/L	1	08/05/2025 0959	08/05/2025 1618	RAR
Alkalinity, Carbonate (As CaCO3)	44		2.0		mg/L	1	08/05/2025 0959	08/05/2025 1618	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/05/2025 0959	08/05/2025 1618	RAR
Alkalinity, Phenolphthalein (As CaCO3)	22		2.0		mg/L	1	08/05/2025 0959	08/05/2025 1618	RAR
Alkalinity, Total (As CaCO3)	200		2.0		mg/L	1	08/05/2025 0959	08/05/2025 1618	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	310		20		mg/L	1	07/29/2025 0830	07/31/2025 1051	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	08/04/2025 0917	08/04/2025 1441	ES
pH-SM4500-H+ B									
pH (pH Units)	7.9			H5	-	1	08/27/2025 1530	08/27/2025 1613	IM
Temperature (°C)	24			H5	-	1	08/27/2025 1530	08/27/2025 1613	IM

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-05

Client Sample ID: POC - 05
Collection Date/Time: 07/22/2025 1550
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1832	PB
Carbon disulfide	0.27	0.11	2.0	E4	ug/L	1	07/23/2025 1700	07/24/2025 1832	PB
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1832	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1832	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1832	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/23/2025 1700	07/24/2025 1832	PB
Surr: 4-Bromofluorobenzene	*120*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1832*	*PB*
Surr: Dibromofluoromethane	*105*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1832*	*PB*
Surr: Toluene-d8	*97*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1832*	*PB*

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-06

Client Sample ID: POC - 07
Collection Date/Time: 07/23/2025 0845
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	07/24/2025 1000	07/24/2025 1303	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.23	0.0031	0.30	E4	mg/L	1	08/01/2025 1418	08/11/2025 1743	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0034		0.00050		mg/L	1	08/05/2025 1427	08/06/2025 1409	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	100		4.0		mg/L	1	08/01/2025 1332	08/06/2025 1331	RAR
Magnesium	19		3.0		mg/L	1	08/01/2025 1332	08/06/2025 1331	RAR
Potassium	7.7		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1331	RAR
Sodium	7.7		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1331	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Antimony	0.00099		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Arsenic	0.013		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Barium	0.051		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Chromium	0.00081		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Cobalt	0.00046		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Copper	0.00023		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Manganese	0.41		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Molybdenum	0.091		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Nickel	0.0024		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Selenium	0.0040		0.0025		mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Uranium	0.0028		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR
Zinc	0.0054	0.0023	0.040	E4	mg/L	1	07/28/2025 0800	07/28/2025 1650	RAR

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-06

Client Sample ID: POC - 07
Collection Date/Time: 07/23/2025 0845
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	08/04/2025 0915	08/04/2025 1644	JWK
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10		1.0		mg/L	1	07/24/2025 1000	07/24/2025 1303	ES
Fluoride	0.48	0.18	0.50	E4	mg/L	1	07/24/2025 1000	07/24/2025 1303	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	07/24/2025 1000	07/24/2025 1303	ES
Nitrogen, Nitrite (As N)	ND	0.045	0.10	E8	mg/L	1	07/24/2025 1000	07/24/2025 1303	ES
Sulfate	210		50		mg/L	10	07/24/2025 1000	07/31/2025 1509	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND		0.50		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	08/07/2025 0904	08/07/2025 1533	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	150		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Total (As CaCO3)	150		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	570		20		mg/L	1	07/29/2025 0830	07/31/2025 1051	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	08/04/2025 0917	08/04/2025 1441	ES
pH-SM4500-H+ B									
pH (pH Units)	7.6			H5	-	1	08/29/2025 1503	08/29/2025 1517	IM
Temperature (°C)	23			H5	-	1	08/29/2025 1503	08/29/2025 1517	IM

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-06

Client Sample ID: POC - 07
Collection Date/Time: 07/23/2025 0845
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1908	PB
Carbon disulfide	0.58	0.11	2.0	E4	ug/L	1	07/23/2025 1700	07/24/2025 1908	PB
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1908	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1908	PB
Toluene	19		0.50		ug/L	1	07/23/2025 1700	07/24/2025 1908	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/23/2025 1700	07/24/2025 1908	PB
Surr: 4-Bromofluorobenzene	*118*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1908*	*PB*
Surr: Dibromofluoromethane	*104*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1908*	*PB*
Surr: Toluene-d8	*96*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1908*	*PB*

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-07

Client Sample ID: POC - 09
Collection Date/Time: 07/23/2025 1000
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.61		0.60		mg/L	1	07/24/2025 1000	07/24/2025 1323	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.088	0.0031	0.30	E4	mg/L	1	08/01/2025 1418	08/11/2025 1746	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0045		0.00050		mg/L	1	08/05/2025 1427	08/06/2025 1423	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	61		4.0		mg/L	1	08/01/2025 1332	08/06/2025 1334	RAR
Magnesium	14		3.0		mg/L	1	08/01/2025 1332	08/06/2025 1334	RAR
Potassium	2.8	0.14	5.0	E4	mg/L	1	08/01/2025 1332	08/06/2025 1334	RAR
Sodium	14		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1334	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Antimony	0.00027	0.000039	0.00050	E4	mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Arsenic	0.0034		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Barium	0.030		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Beryllium	0.000013	0.000013	0.00025	E4	mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Chromium	0.0013		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Cobalt	0.00049		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Copper	0.00086		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Manganese	0.089		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Molybdenum	0.034		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Nickel	0.0019		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Selenium	0.0021	0.00025	0.0025	E4	mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Uranium	0.0035		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR
Zinc	0.067		0.040		mg/L	1	07/28/2025 0800	07/28/2025 1653	RAR

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-07

Client Sample ID: POC - 09
Collection Date/Time: 07/23/2025 1000
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	08/04/2025 0915	08/04/2025 1616	JWK
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11		1.0		mg/L	1	07/24/2025 1000	07/24/2025 1323	ES
Fluoride	1.1		0.50		mg/L	1	07/24/2025 1000	07/24/2025 1323	ES
Nitrogen, Nitrate (As N)	0.61		0.50		mg/L	1	07/24/2025 1000	07/24/2025 1323	ES
Nitrogen, Nitrite (As N)	ND	0.045	0.10	E8	mg/L	1	07/24/2025 1000	07/24/2025 1323	ES
Sulfate	20		5.0		mg/L	1	07/24/2025 1000	07/24/2025 1323	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND		0.50		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	08/07/2025 0904	08/07/2025 1533	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Total (As CaCO3)	230		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	310		20		mg/L	1	07/30/2025 0950	08/01/2025 1657	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	08/04/2025 0917	08/04/2025 1441	ES
pH-SM4500-H+ B									
pH (pH Units)	8.0			H5	-	1	08/29/2025 1503	08/29/2025 1519	IM
Temperature (°C)	23			H5	-	1	08/29/2025 1503	08/29/2025 1519	IM

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-07

Client Sample ID: POC - 09
Collection Date/Time: 07/23/2025 1000
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1944	PB
Carbon disulfide	0.14	0.11	2.0	E4	ug/L	1	07/23/2025 1700	07/24/2025 1944	PB
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1944	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 1944	PB
Toluene	0.55		0.50		ug/L	1	07/23/2025 1700	07/24/2025 1944	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/23/2025 1700	07/24/2025 1944	PB
Surr: 4-Bromofluorobenzene	*118*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1944*	*PB*
Surr: Dibromofluoromethane	*104*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1944*	*PB*
Surr: Toluene-d8	*96*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 1944*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-08

Client Sample ID: POC - 10
Collection Date/Time: 07/23/2025 1100
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.3		1.1		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.3		0.60		mg/L	1	07/24/2025 1000	07/24/2025 1342	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.070	0.0031	0.30	E4	mg/L	1	08/01/2025 1418	08/11/2025 1749	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0042		0.00050		mg/L	1	08/05/2025 1427	08/06/2025 1426	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	89		4.0		mg/L	1	08/01/2025 1332	08/06/2025 1337	RAR
Magnesium	15		3.0		mg/L	1	08/01/2025 1332	08/06/2025 1337	RAR
Potassium	2.1	0.14	5.0	E4	mg/L	1	08/01/2025 1332	08/06/2025 1337	RAR
Sodium	6.9		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1337	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Antimony	0.00025	0.000039	0.00050	E4	mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Arsenic	0.0024		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Barium	0.025		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Beryllium	0.000032	0.000013	0.00025	E4	mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Cadmium	0.000061	0.000050	0.00025	E4	mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Chromium	0.0015		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Cobalt	0.00030		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Copper	0.0011		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Lead	0.00010	0.000057	0.00050	E4	mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Manganese	0.057		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Molybdenum	0.067		0.00025		mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Nickel	0.0020		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Selenium	0.0085		0.0025		mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Uranium	0.0034		0.00050		mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR
Zinc	0.15		0.040		mg/L	1	07/28/2025 0800	07/28/2025 1656	RAR

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-08

Client Sample ID: POC - 10
Collection Date/Time: 07/23/2025 1100
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	08/05/2025 0920	08/05/2025 1432	JWK
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10		1.0		mg/L	1	07/24/2025 1000	07/24/2025 1342	ES
Fluoride	0.84		0.50		mg/L	1	07/24/2025 1000	07/24/2025 1342	ES
Nitrogen, Nitrate (As N)	1.3		0.50		mg/L	1	07/24/2025 1000	07/24/2025 1342	ES
Nitrogen, Nitrite (As N)	0.066	0.045	0.10	E4	mg/L	1	07/24/2025 1000	07/24/2025 1342	ES
Sulfate	62		5.0		mg/L	1	07/24/2025 1000	07/24/2025 1342	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND		0.50		mg/L	1	07/29/2025 1240	07/29/2025 1512	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	08/07/2025 0904	08/07/2025 1533	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	240		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Total (As CaCO3)	240		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	400		20		mg/L	1	07/30/2025 0950	08/01/2025 1657	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	08/04/2025 0917	08/04/2025 1441	ES
pH-SM4500-H+ B									
pH (pH Units)	8.0			H5	-	1	08/29/2025 1503	08/29/2025 1522	IM
Temperature (°C)	24			H5	-	1	08/29/2025 1503	08/29/2025 1522	IM

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-08

Client Sample ID: POC - 10
Collection Date/Time: 07/23/2025 1100
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 2020	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	07/23/2025 1700	07/24/2025 2020	PB
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 2020	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 2020	PB
Toluene	0.067	0.057	0.50	E4	ug/L	1	07/23/2025 1700	07/24/2025 2020	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/23/2025 1700	07/24/2025 2020	PB
Surr: 4-Bromofluorobenzene	*117*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 2020*	*PB*
Surr: Dibromofluoromethane	*103*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 2020*	*PB*
Surr: Toluene-d8	*97*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 2020*	*PB*

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-09

Client Sample ID: POC - 08
Collection Date/Time: 07/23/2025 1200
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	08/05/2025 1240	08/05/2025 1444	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	07/24/2025 1000	07/24/2025 1401	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.20	0.0031	0.30	E4	mg/L	1	08/01/2025 1418	08/11/2025 1752	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.021		0.00050		mg/L	1	08/05/2025 1427	08/06/2025 1429	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	93		4.0		mg/L	1	08/01/2025 1332	08/06/2025 1340	RAR
Magnesium	11		3.0		mg/L	1	08/01/2025 1332	08/06/2025 1340	RAR
Potassium	2.5	0.14	5.0	E4	mg/L	1	08/01/2025 1332	08/06/2025 1340	RAR
Sodium	13		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1340	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Antimony	0.0019		0.00050		mg/L	1	08/04/2025 1510	08/07/2025 1609	RAR
Arsenic	0.0053		0.00050		mg/L	1	08/04/2025 1510	08/07/2025 1609	RAR
Barium	0.021		0.00050		mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Chromium	0.00033	0.000023	0.00050	E4	mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Cobalt	0.00095		0.00025		mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Copper	0.0027		0.00050		mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Manganese	0.099		0.00025		mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Molybdenum	1.2		0.00050		mg/L	2	07/31/2025 1510	08/11/2025 1650	RAR
Nickel	0.0033		0.00050		mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Selenium	0.0055		0.0025		mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Thallium	0.000042	0.000023	0.00050	E4	mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Uranium	0.020		0.00050		mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR
Zinc	0.053		0.040		mg/L	1	07/31/2025 1510	08/07/2025 1609	RAR

Turner Laboratories, Inc.

Date: 09/02/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-09

Client Sample ID: POC - 08
Collection Date/Time: 07/23/2025 1200
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	08/05/2025 0920	08/05/2025 1434	JWK
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	8.8		1.0		mg/L	1	07/24/2025 1000	07/24/2025 1401	ES
Fluoride	1.4		0.50		mg/L	1	07/24/2025 1000	07/24/2025 1401	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	07/24/2025 1000	07/24/2025 1401	ES
Nitrogen, Nitrite (As N)	ND	0.045	0.10	E8	mg/L	1	07/24/2025 1000	07/24/2025 1401	ES
Sulfate	150		50		mg/L	10	07/24/2025 1000	07/31/2025 1529	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	08/05/2025 1240	08/05/2025 1444	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	08/07/2025 0904	08/07/2025 1533	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	160		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Total (As CaCO3)	160		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	440		20		mg/L	1	07/30/2025 0950	08/01/2025 1657	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	08/04/2025 0917	08/04/2025 1441	ES
pH-SM4500-H+ B									
pH (pH Units)	7.9			H5	-	1	08/27/2025 1530	08/27/2025 1615	IM
Temperature (°C)	24			H5	-	1	08/27/2025 1530	08/27/2025 1615	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Lab Sample ID: 25G0696-09

Client Sample ID: POC - 08
Collection Date/Time: 07/23/2025 1200
Matrix: Ground Water
Order Name: Groundwater 200994530000 / 6190

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 2055	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	07/23/2025 1700	07/24/2025 2055	PB
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 2055	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/23/2025 1700	07/24/2025 2055	PB
Toluene	2.3		0.50		ug/L	1	07/23/2025 1700	07/24/2025 2055	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/23/2025 1700	07/24/2025 2055	PB
Surr: 4-Bromofluorobenzene	*116*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 2055*	*PB*
Surr: Dibromofluoromethane	*101*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 2055*	*PB*
Surr: Toluene-d8	*94*	*70-130*			*%REC*	*1*	*07/23/2025 1700*	*07/24/2025 2055*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Date Received: 07/23/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507283 - EPA 200.8 (5.4)										
Blank (2507283-BLK1)				Prepared & Analyzed: 07/28/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2507283-BS1)				Prepared & Analyzed: 07/28/2025						
Aluminum	0.097	0.040	mg/L	0.1000		97	85-115			
Antimony	0.052	0.00050	mg/L	0.05000		105	85-115			
Arsenic	0.052	0.00050	mg/L	0.05000		104	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.051	0.00025	mg/L	0.05000		102	85-115			
Cadmium	0.052	0.00025	mg/L	0.05000		104	85-115			
Chromium	0.052	0.00050	mg/L	0.05000		105	85-115			
Cobalt	0.052	0.00025	mg/L	0.05000		104	85-115			
Copper	0.051	0.00050	mg/L	0.05000		102	85-115			
Lead	0.049	0.00050	mg/L	0.05000		99	85-115			
Manganese	0.051	0.00025	mg/L	0.05000		103	85-115			
Molybdenum	0.053	0.00025	mg/L	0.05000		105	85-115			
Nickel	0.051	0.00050	mg/L	0.05000		103	85-115			
Selenium	0.054	0.0025	mg/L	0.05000		108	85-115			
Thallium	0.051	0.00050	mg/L	0.05000		102	85-115			
Uranium	0.052	0.00050	mg/L	0.05000		103	85-115			
Zinc	0.10	0.040	mg/L	0.1000		101	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Date Received: 07/23/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507283 - EPA 200.8 (5.4)										
LCS Dup (2507283-BSD1)				Prepared & Analyzed: 07/28/2025						
Aluminum	0.097	0.040	mg/L	0.1000		97	85-115	0.01	20	
Antimony	0.053	0.00050	mg/L	0.05000		105	85-115	0.5	20	
Arsenic	0.052	0.00050	mg/L	0.05000		104	85-115	0.3	20	
Barium	0.052	0.00050	mg/L	0.05000		104	85-115	0.1	20	
Beryllium	0.051	0.00025	mg/L	0.05000		102	85-115	0.07	20	
Cadmium	0.053	0.00025	mg/L	0.05000		105	85-115	1	20	
Chromium	0.051	0.00050	mg/L	0.05000		103	85-115	2	20	
Cobalt	0.051	0.00025	mg/L	0.05000		102	85-115	2	20	
Copper	0.051	0.00050	mg/L	0.05000		102	85-115	0.2	20	
Lead	0.050	0.00050	mg/L	0.05000		99	85-115	0.3	20	
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115	0.5	20	
Molybdenum	0.052	0.00025	mg/L	0.05000		104	85-115	0.9	20	
Nickel	0.051	0.00050	mg/L	0.05000		103	85-115	0.01	20	
Selenium	0.054	0.0025	mg/L	0.05000		109	85-115	0.4	20	
Thallium	0.052	0.00050	mg/L	0.05000		103	85-115	0.7	20	
Uranium	0.051	0.00050	mg/L	0.05000		103	85-115	0.3	20	
Zinc	0.10	0.040	mg/L	0.1000		101	85-115	0.02	20	
Matrix Spike (2507283-MS1)		**Source: 25G0517-01**		Prepared & Analyzed: 07/28/2025						
Aluminum	0.093	0.040	mg/L	0.1000	ND	93	70-130			
Antimony	0.049	0.00050	mg/L	0.05000	0.00054	97	70-130			
Arsenic	0.052	0.00050	mg/L	0.05000	0.0018	100	70-130			
Barium	0.10	0.00050	mg/L	0.05000	0.055	96	70-130			
Beryllium	0.046	0.00025	mg/L	0.05000	0.000040	92	70-130			
Cadmium	0.046	0.00025	mg/L	0.05000	0.00014	92	70-130			
Chromium	0.046	0.00050	mg/L	0.05000	0.00028	92	70-130			
Cobalt	0.046	0.00025	mg/L	0.05000	0.00087	90	70-130			
Copper	0.047	0.00050	mg/L	0.05000	0.0058	83	70-130			
Lead	0.046	0.00050	mg/L	0.05000	0.000068	92	70-130			
Manganese	0.45	0.00025	mg/L	0.05000	0.41	73	70-130			
Molybdenum	0.16	0.00025	mg/L	0.05000	0.11	98	70-130			
Nickel	0.045	0.00050	mg/L	0.05000	0.0029	85	70-130			
Selenium	0.052	0.0025	mg/L	0.05000	0.0011	102	70-130			
Thallium	0.048	0.00050	mg/L	0.05000	0.000060	95	70-130			
Uranium	0.064	0.00050	mg/L	0.05000	0.013	103	70-130			
Zinc	0.092	0.040	mg/L	0.1000	0.0053	87	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Date Received: 07/23/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507283 - EPA 200.8 (5.4)										
Matrix Spike (2507283-MS2)		**Source: 25G0519-02**		Prepared & Analyzed: 07/28/2025						
Antimony	0.050	0.00050	mg/L	0.05000	0.00011	99	70-130			
Arsenic	0.052	0.00050	mg/L	0.05000	0.0014	102	70-130			
Barium	0.077	0.00050	mg/L	0.05000	0.028	99	70-130			
Beryllium	0.047	0.00025	mg/L	0.05000	0.00028	93	70-130			
Cadmium	0.046	0.00025	mg/L	0.05000	0.000086	93	70-130			
Chromium	0.048	0.00050	mg/L	0.05000	0.0031	91	70-130			
Cobalt	0.047	0.00025	mg/L	0.05000	0.0018	90	70-130			
Copper	0.047	0.00050	mg/L	0.05000	0.0056	83	70-130			
Lead	0.047	0.00050	mg/L	0.05000	0.0014	92	70-130			
Manganese	0.15	0.00025	mg/L	0.05000	0.10	89	70-130			
Molybdenum	0.062	0.00025	mg/L	0.05000	0.013	98	70-130			
Nickel	0.046	0.00050	mg/L	0.05000	0.0032	86	70-130			
Selenium	0.052	0.0025	mg/L	0.05000	0.00074	103	70-130			
Thallium	0.047	0.00050	mg/L	0.05000	0.000058	95	70-130			
Uranium	0.058	0.00050	mg/L	0.05000	0.0067	103	70-130			
Zinc	0.091	0.040	mg/L	0.1000	0.0033	88	70-130			
Batch 2507315 - E200.8 (5.4)										
Blank (2507315-BLK1)				Prepared & Analyzed: 07/30/2025						
Uranium	ND	0.00050	mg/L							
LCS (2507315-BS1)				Prepared & Analyzed: 07/30/2025						
Uranium	0.050	0.00050	mg/L	0.05000		100	85-115			
LCS Dup (2507315-BSD1)				Prepared & Analyzed: 07/30/2025						
Uranium	0.050	0.00050	mg/L	0.05000		100	85-115	0.6	20	
Matrix Spike (2507315-MS1)		**Source: 25G0672-01**		Prepared & Analyzed: 07/30/2025						
Uranium	0.062	0.00050	mg/L	0.05000	0.0019	119	70-130			
Matrix Spike (2507315-MS2)		**Source: 25G0672-02**		Prepared & Analyzed: 07/30/2025						
Uranium	0.061	0.00050	mg/L	0.05000	0.0019	118	70-130			
Batch 2508018 - EPA 245.1										
Blank (2508018-BLK1)				Prepared & Analyzed: 08/04/2025						
Mercury	ND	0.0010	mg/L							
LCS (2508018-BS1)				Prepared & Analyzed: 08/04/2025						
Mercury	0.0043	0.0010	mg/L	0.005000		86	85-115			
LCS Dup (2508018-BSD1)				Prepared & Analyzed: 08/04/2025						
Mercury	0.0052	0.0010	mg/L	0.005000		103	85-115	18	20	
Matrix Spike (2508018-MS1)		**Source: 25G0696-07**		Prepared & Analyzed: 08/04/2025						
Mercury	0.0040	0.0010	mg/L	0.005000	ND	80	70-130			
Matrix Spike Dup (2508018-MSD1)		**Source: 25G0696-07**		Prepared & Analyzed: 08/04/2025						
Mercury	0.0039	0.0010	mg/L	0.005000	ND	78	70-130	3	20	
Batch 2508039 - EPA 245.1										

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Date Received: 07/23/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508039 - EPA 245.1										
Blank (2508039-BLK1)				Prepared & Analyzed: 08/05/2025						
Mercury	ND	0.0010	mg/L							
LCS (2508039-BS1)				Prepared & Analyzed: 08/05/2025						
Mercury	0.0047	0.0010	mg/L	0.005000		93	85-115			
LCS Dup (2508039-BSD1)				Prepared & Analyzed: 08/05/2025						
Mercury	0.0046	0.0010	mg/L	0.005000		91	85-115	2	20	
Matrix Spike (2508039-MS1)		**Source: 25G0855-02**		Prepared & Analyzed: 08/05/2025						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	97	70-130			
Matrix Spike Dup (2508039-MSD1)		**Source: 25G0855-02**		Prepared & Analyzed: 08/05/2025						
Mercury	0.0047	0.0010	mg/L	0.005000	ND	95	70-130	2	20	
Batch 2508040 - E200.7 (4.4)										
Blank (2508040-BLK1)				Prepared & Analyzed: 08/05/2025						
Iron	ND	0.30	mg/L							
LCS (2508040-BS1)				Prepared & Analyzed: 08/05/2025						
Iron	0.96	0.30	mg/L	1.000		96	85-115			
LCS Dup (2508040-BSD1)				Prepared & Analyzed: 08/05/2025						
Iron	0.96	0.30	mg/L	1.000		96	85-115	0.06	20	
Matrix Spike (2508040-MS1)		**Source: 25G0754-03**		Prepared & Analyzed: 08/05/2025						
Iron	1.4	0.30	mg/L	1.000	0.43	94	70-130			
Matrix Spike (2508040-MS2)		**Source: 25G0754-04**		Prepared & Analyzed: 08/05/2025						
Iron	0.99	0.30	mg/L	1.000	0.031	96	70-130			
Batch 2508043 - E200.8 (5.4)										
Blank (2508043-BLK1)				Prepared: 08/05/2025 Analyzed: 08/06/2025						
Uranium	ND	0.00050	mg/L							
LCS (2508043-BS1)				Prepared: 08/05/2025 Analyzed: 08/06/2025						
Uranium	0.053	0.00050	mg/L	0.05000		105	85-115			
LCS Dup (2508043-BSD1)				Prepared: 08/05/2025 Analyzed: 08/06/2025						
Uranium	0.053	0.00050	mg/L	0.05000		106	85-115	0.6	20	
Matrix Spike (2508043-MS1)		**Source: 25G0696-04**		Prepared: 08/05/2025 Analyzed: 08/06/2025						
Uranium	0.074	0.00050	mg/L	0.05000	0.0048	138	70-130			M1
Matrix Spike (2508043-MS2)		**Source: 25G0696-05**		Prepared: 08/05/2025 Analyzed: 08/06/2025						
Uranium	0.095	0.00050	mg/L	0.05000	0.024	142	70-130			M1
Batch 2508055 - EPA 200.7 (4.4)										

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508055 - EPA 200.7 (4.4)										
Blank (2508055-BLK1)				Prepared & Analyzed: 08/06/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.0	5.0	mg/L							
LCS (2508055-BS1)				Prepared & Analyzed: 08/06/2025						
Calcium	10	4.0	mg/L	10.00		100	85-115			
Magnesium	9.9	3.0	mg/L	10.00		99	85-115			
Potassium	10	5.0	mg/L	10.00		103	85-115			
Sodium	10	5.0	mg/L	10.00		104	85-115			
LCS Dup (2508055-BSD1)				Prepared & Analyzed: 08/06/2025						
Calcium	9.9	4.0	mg/L	10.00		99	85-115	0.9	20	
Magnesium	9.8	3.0	mg/L	10.00		98	85-115	0.8	20	
Potassium	10	5.0	mg/L	10.00		102	85-115	0.9	20	
Sodium	10	5.0	mg/L	10.00		104	85-115	0.5	20	
Matrix Spike (2508055-MS1)	**Source: 25G0680-04**			Prepared & Analyzed: 08/06/2025						
Calcium	520	4.0	mg/L	10.00	540	NR	70-130			M2
Magnesium	410	3.0	mg/L	10.00	410	NR	70-130			M2
Potassium	21	5.0	mg/L	10.00	10	107	70-130			
Sodium	ND	5.0	mg/L	10.00	ND		70-130			
Matrix Spike (2508055-MS2)	**Source: 25G0680-05**			Prepared & Analyzed: 08/06/2025						
Calcium	260	4.0	mg/L	10.00	250	83	70-130			
Magnesium	140	3.0	mg/L	10.00	130	101	70-130			
Potassium	16	5.0	mg/L	10.00	5.1	107	70-130			
Sodium	ND	5.0	mg/L	10.00	ND		70-130			
Batch 2508078 - EPA 200.8 (5.4)										
Blank (2508078-BLK1)				Prepared & Analyzed: 08/07/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508078 - EPA 200.8 (5.4)										
LCS (2508078-BS1)				Prepared & Analyzed: 08/07/2025						
Aluminum	0.11	0.040	mg/L	0.1000		109	85-115			
Antimony	0.053	0.00050	mg/L	0.05000		107	85-115			
Arsenic	0.053	0.00050	mg/L	0.05000		106	85-115			
Barium	0.054	0.00050	mg/L	0.05000		109	85-115			
Beryllium	0.053	0.00025	mg/L	0.05000		105	85-115			
Cadmium	0.053	0.00025	mg/L	0.05000		106	85-115			
Chromium	0.054	0.00050	mg/L	0.05000		109	85-115			
Cobalt	0.053	0.00025	mg/L	0.05000		107	85-115			
Copper	0.053	0.00050	mg/L	0.05000		107	85-115			
Lead	0.053	0.00050	mg/L	0.05000		107	85-115			
Manganese	0.054	0.00025	mg/L	0.05000		107	85-115			
Molybdenum	0.054	0.00025	mg/L	0.05000		107	85-115			
Nickel	0.054	0.00050	mg/L	0.05000		108	85-115			
Selenium	0.053	0.0025	mg/L	0.05000		107	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115			
Uranium	0.055	0.00050	mg/L	0.05000		109	85-115			
Zinc	0.11	0.040	mg/L	0.1000		108	85-115			
LCS Dup (2508078-BSD1)				Prepared & Analyzed: 08/07/2025						
Aluminum	0.11	0.040	mg/L	0.1000		108	85-115	1	20	
Antimony	0.054	0.00050	mg/L	0.05000		107	85-115	0.4	20	
Arsenic	0.053	0.00050	mg/L	0.05000		106	85-115	0.05	20	
Barium	0.055	0.00050	mg/L	0.05000		110	85-115	1	20	
Beryllium	0.052	0.00025	mg/L	0.05000		104	85-115	1	20	
Cadmium	0.054	0.00025	mg/L	0.05000		107	85-115	1	20	
Chromium	0.053	0.00050	mg/L	0.05000		107	85-115	2	20	
Cobalt	0.053	0.00025	mg/L	0.05000		106	85-115	1	20	
Copper	0.053	0.00050	mg/L	0.05000		105	85-115	1	20	
Lead	0.054	0.00050	mg/L	0.05000		107	85-115	0.4	20	
Manganese	0.053	0.00025	mg/L	0.05000		107	85-115	0.7	20	
Molybdenum	0.054	0.00025	mg/L	0.05000		107	85-115	0.04	20	
Nickel	0.053	0.00050	mg/L	0.05000		106	85-115	2	20	
Selenium	0.053	0.0025	mg/L	0.05000		105	85-115	2	20	
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115	0.006	20	
Uranium	0.050	0.00050	mg/L	0.05000		101	85-115	8	20	
Zinc	0.11	0.040	mg/L	0.1000		108	85-115	0.01	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508078 - EPA 200.8 (5.4)										
Matrix Spike (2508078-MS1)		**Source: 25H0211-01**		Prepared & Analyzed: 08/07/2025						
Aluminum	0.10	0.040	mg/L	0.1000	ND	104	70-130			
Antimony	0.056	0.00050	mg/L	0.05000	0.000053	111	70-130			
Arsenic	0.059	0.00050	mg/L	0.05000	0.0012	115	70-130			
Barium	0.074	0.00050	mg/L	0.05000	0.017	114	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.000027	104	70-130			
Cadmium	0.051	0.00025	mg/L	0.05000	0.000098	101	70-130			
Chromium	0.055	0.00050	mg/L	0.05000	0.0022	105	70-130			
Cobalt	0.051	0.00025	mg/L	0.05000	0.00019	102	70-130			
Copper	0.054	0.00050	mg/L	0.05000	0.0080	92	70-130			
Lead	0.057	0.00050	mg/L	0.05000	0.000066	113	70-130			
Manganese	0.054	0.00025	mg/L	0.05000	0.0021	103	70-130			
Molybdenum	0.078	0.00025	mg/L	0.05000	0.020	116	70-130			
Nickel	0.049	0.00050	mg/L	0.05000	0.0016	94	70-130			
Selenium	0.059	0.0025	mg/L	0.05000	0.0025	113	70-130			
Thallium	0.052	0.00050	mg/L	0.05000	0.000042	105	70-130			
Uranium	0.084	0.00050	mg/L	0.05000	0.020	129	70-130			
Zinc	0.098	0.040	mg/L	0.1000	ND	98	70-130			
Matrix Spike (2508078-MS2)		**Source: 25G0819-01**		Prepared & Analyzed: 08/07/2025						
Aluminum	0.13	0.040	mg/L	0.1000	ND	129	70-130			
Antimony	0.068	0.00050	mg/L	0.05000	0.00070	135	70-130			M1
Arsenic	0.073	0.00050	mg/L	0.05000	0.0031	141	70-130			M1
Barium	0.20	0.00050	mg/L	0.05000	0.13	138	70-130			M1
Beryllium	0.062	0.00025	mg/L	0.05000	0.000024	124	70-130			
Cadmium	0.062	0.00025	mg/L	0.05000	ND	123	70-130			
Chromium	0.063	0.00050	mg/L	0.05000	0.00036	125	70-130			
Cobalt	0.060	0.00025	mg/L	0.05000	0.00031	120	70-130			
Copper	0.059	0.00050	mg/L	0.05000	0.0034	111	70-130			
Lead	0.068	0.00050	mg/L	0.05000	0.000082	135	70-130			M1
Manganese	0.061	0.00025	mg/L	0.05000	0.00061	122	70-130			
Molybdenum	0.075	0.00025	mg/L	0.05000	0.0060	137	70-130			M1
Nickel	0.060	0.00050	mg/L	0.05000	0.0024	115	70-130			
Selenium	0.069	0.0025	mg/L	0.05000	0.0016	135	70-130			M1
Thallium	0.063	0.00050	mg/L	0.05000	0.000052	125	70-130			
Uranium	0.082	0.00050	mg/L	0.05000	0.0050	154	70-130			M1
Zinc	0.12	0.040	mg/L	0.1000	0.0028	121	70-130			
Batch 2508087 - E200.7 (4.4)										
Blank (2508087-BLK1)				Prepared: 08/08/2025 Analyzed: 08/11/2025						
Iron	0.0044	0.30	mg/L							
LCS (2508087-BS1)				Prepared: 08/08/2025 Analyzed: 08/11/2025						
Iron	0.97	0.30	mg/L	1.000		97	85-115			
LCS Dup (2508087-BSD1)				Prepared: 08/08/2025 Analyzed: 08/11/2025						
Iron	0.96	0.30	mg/L	1.000		96	85-115	1	20	
Matrix Spike (2508087-MS1)		**Source: 25G0537-02**		Prepared: 08/08/2025 Analyzed: 08/11/2025						
Iron	1.0	0.30	mg/L	1.000	0.032	100	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508087 - E200.7 (4.4)										
Matrix Spike (2508087-MS2)	**Source: 25G0696-04**			Prepared: 08/08/2025 Analyzed: 08/11/2025						
Iron	0.99	0.30	mg/L	1.000	0.033	96	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507284 - SM2540 C										
Duplicate (2507284-DUP1)		**Source: 25G0655-02**		Prepared: 07/29/2025 Analyzed: 07/31/2025						
Total Dissolved Solids (Residue, Filterable)	720	20	mg/L		720			0	5	
Duplicate (2507284-DUP2)		**Source: 25G0672-01**		Prepared: 07/29/2025 Analyzed: 07/31/2025						
Total Dissolved Solids (Residue, Filterable)	620	20	mg/L		630			1	5	
Batch 2507287 - EPA 351.2										
Blank (2507287-BLK1)				Prepared & Analyzed: 07/29/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2507287-BS1)				Prepared & Analyzed: 07/29/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		101	80-120			
LCS Dup (2507287-BSD1)				Prepared & Analyzed: 07/29/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000		103	80-120	2	20	
Matrix Spike (2507287-MS1)		**Source: 25F0002-02**		Prepared & Analyzed: 07/29/2025						
Nitrogen, Total Kjeldahl	5.9	0.50	mg/L	5.000	0.83	102	80-120			
Matrix Spike (2507287-MS2)		**Source: 25G0655-02**		Prepared & Analyzed: 07/29/2025						
Nitrogen, Total Kjeldahl	6.3	0.50	mg/L	5.000	1.4	99	80-120			
Matrix Spike Dup (2507287-MSD1)		**Source: 25F0002-02**		Prepared & Analyzed: 07/29/2025						
Nitrogen, Total Kjeldahl	5.6	0.50	mg/L	5.000	0.83	96	80-120	5	20	
Matrix Spike Dup (2507287-MSD2)		**Source: 25G0655-02**		Prepared & Analyzed: 07/29/2025						
Nitrogen, Total Kjeldahl	6.3	0.50	mg/L	5.000	1.4	98	80-120	0.6	20	
Batch 2507302 - SM2540 C										
Duplicate (2507302-DUP1)		**Source: 25G0696-07**		Prepared: 07/30/2025 Analyzed: 08/01/2025						
Total Dissolved Solids (Residue, Filterable)	310	20	mg/L		310			2	5	
Duplicate (2507302-DUP2)		**Source: 25G0696-08**		Prepared: 07/30/2025 Analyzed: 08/01/2025						
Total Dissolved Solids (Residue, Filterable)	390	20	mg/L		400			3	5	
Batch 2508016 - SM2320B										
Blank (2508016-BLK1)				Prepared & Analyzed: 08/04/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2508016-BS1)				Prepared & Analyzed: 08/04/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		98	90-110			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508016 - SM2320B										
LCS Dup (2508016-BSD1)				Prepared & Analyzed: 08/04/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		99	90-110	0.8	10	
Matrix Spike (2508016-MS1)		**Source: 25G0770-05**		Prepared & Analyzed: 08/04/2025						
Alkalinity, Total (As CaCO3)	330	2.0	mg/L	250.0	84	97	70-130			
Matrix Spike Dup (2508016-MSD1)		**Source: 25G0770-05**		Prepared & Analyzed: 08/04/2025						
Alkalinity, Total (As CaCO3)	330	2.0	mg/L	250.0	84	98	70-130	0.6	10	
Batch 2508019 - SM4500-CN BE										
Blank (2508019-BLK1)				Prepared & Analyzed: 08/04/2025						
Cyanide	ND	0.10	mg/L							
LCS (2508019-BS1)				Prepared & Analyzed: 08/04/2025						
Cyanide	1.9	0.10	mg/L	2.000		97	85-115			
LCS Dup (2508019-BSD1)				Prepared & Analyzed: 08/04/2025						
Cyanide	2.0	0.10	mg/L	2.000		99	85-115	2	15	
Matrix Spike (2508019-MS1)		**Source: 25G0800-01**		Prepared & Analyzed: 08/04/2025						
Cyanide	2.1	0.10	mg/L	2.000	ND	105	80-120			
Matrix Spike Dup (2508019-MSD1)		**Source: 25G0800-01**		Prepared & Analyzed: 08/04/2025						
Cyanide	2.2	0.10	mg/L	2.000	ND	108	80-120	2	15	
Batch 2508041 - EPA 351.2										
Blank (2508041-BLK1)				Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2508041-BS1)				Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000		105	80-120			
LCS Dup (2508041-BSD1)				Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000		104	80-120	0.2	20	
Matrix Spike (2508041-MS1)		**Source: 25G0784-03**		Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	ND	99	80-120			
Matrix Spike (2508041-MS2)		**Source: 25H0034-02**		Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	9.9	0.50	mg/L	5.000	3.8	121	80-120			M1
Matrix Spike Dup (2508041-MSD1)		**Source: 25G0784-03**		Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	103	80-120	4	20	
Matrix Spike Dup (2508041-MSD2)		**Source: 25H0034-02**		Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	5.8	0.50	mg/L	5.000	3.8	39	80-120	52	20	M2, R9
Batch 2508042 - SM2320B										

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508042 - SM2320B										
Blank (2508042-BLK1)				Prepared & Analyzed: 08/05/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2508042-BS1)				Prepared & Analyzed: 08/05/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		98	90-110			
LCS Dup (2508042-BSD1)				Prepared & Analyzed: 08/05/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		98	90-110	0	10	
Matrix Spike (2508042-MS1)		**Source: 25G0804-01**		Prepared & Analyzed: 08/05/2025						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	24	99	70-130			
Matrix Spike Dup (2508042-MSD1)		**Source: 25G0804-01**		Prepared & Analyzed: 08/05/2025						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	24	98	70-130	0.7	10	
Batch 2508068 - SM 4500-NH3 B, F										
Blank (2508068-BLK1)				Prepared & Analyzed: 08/07/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2508068-BS1)				Prepared & Analyzed: 08/07/2025						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		103	90-110			
LCS Dup (2508068-BSD1)				Prepared & Analyzed: 08/07/2025						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		98	90-110	4	10	
Matrix Spike (2508068-MS1)		**Source: 25G0784-02**		Prepared & Analyzed: 08/07/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2508068-MSD1)		**Source: 25G0784-02**		Prepared & Analyzed: 08/07/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2
Batch 2508320 - SM4500-H+ B										
Duplicate (2508320-DUP1)		**Source: 25G0696-08**		Prepared & Analyzed: 08/29/2025						
pH (pH Units)	8.0		-		8.0			0	200	
Temperature (°C)	24		-		24			0	200	
Batch 2508325 - SM4500-H+ B										
Duplicate (2508325-DUP1)		**Source: 25G0784-02**		Prepared & Analyzed: 08/27/2025						
pH (pH Units)	7.7		-		7.7			0.1	200	
Temperature (°C)	24		-		23			0.9	200	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Date Received: 07/23/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507251 - SW8260B										
Blank (2507251-BLK1)				Prepared: 07/23/2025 Analyzed: 07/24/2025						
Benzene	0.23	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Chlorobenzene	0.083	0.50	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.060	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*55.6*		*ug/L*	*50.00*		*111*	*70-130*			
Surrogate: Dibromofluoromethane	*54.4*		*ug/L*	*50.00*		*109*	*70-130*			
Surrogate: Toluene-d8	*48.4*		*ug/L*	*50.00*		*97*	*70-130*			
LCS (2507251-BS1)				Prepared: 07/23/2025 Analyzed: 07/24/2025						
1,1-Dichloroethene	47	0.50	ug/L	50.00		94	70-130			
Benzene	53	0.50	ug/L	50.00		105	70-130			
Chlorobenzene	45	0.50	ug/L	50.00		91	70-130			
Toluene	46	0.50	ug/L	50.00		92	70-130			
Trichloroethene	45	0.50	ug/L	50.00		91	70-130			
Surrogate: 4-Bromofluorobenzene	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*46.4*		*ug/L*	*50.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*43.1*		*ug/L*	*50.00*		*86*	*70-130*			
LCS Dup (2507251-BSD1)				Prepared: 07/23/2025 Analyzed: 07/24/2025						
1,1-Dichloroethene	47	0.50	ug/L	50.00		93	70-130	0.3	30	
Benzene	52	0.50	ug/L	50.00		104	70-130	1	30	
Chlorobenzene	46	0.50	ug/L	50.00		92	70-130	1	30	
Toluene	46	0.50	ug/L	50.00		92	70-130	0.4	30	
Trichloroethene	45	0.50	ug/L	50.00		91	70-130	0.1	30	
Surrogate: 4-Bromofluorobenzene	*52.3*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*46.6*		*ug/L*	*50.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*43.8*		*ug/L*	*50.00*		*88*	*70-130*			
Matrix Spike (2507251-MS1)	**Source: 25G0696-01**			Prepared: 07/23/2025 Analyzed: 07/24/2025						
1,1-Dichloroethene	55	0.50	ug/L	50.00	ND	110	70-130			E7
Benzene	61	0.50	ug/L	50.00	ND	121	70-130			E7
Chlorobenzene	50	0.50	ug/L	50.00	ND	101	70-130			E7
Toluene	52	0.50	ug/L	50.00	0.058	104	70-130			E7
Trichloroethene	52	0.50	ug/L	50.00	ND	104	70-130			E7
Surrogate: 4-Bromofluorobenzene	*61.2*		*ug/L*	*50.00*		*122*	*70-130*			*E7*
Surrogate: Dibromofluoromethane	*54.5*		*ug/L*	*50.00*		*109*	*70-130*			*E7*
Surrogate: Toluene-d8	*50.6*		*ug/L*	*50.00*		*101*	*70-130*			*E7*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Date Received: 07/23/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507251 - SW8260B										
Matrix Spike Dup (2507251-MSD1)	**Source: 25G0696-01**			Prepared: 07/23/2025 Analyzed: 07/24/2025						
1,1-Dichloroethene	55	0.50	ug/L	50.00	ND	110	70-130	0.6	30	
Benzene	62	0.50	ug/L	50.00	ND	123	70-130	1	30	
Chlorobenzene	51	0.50	ug/L	50.00	ND	102	70-130	1	30	
Toluene	53	0.50	ug/L	50.00	0.058	105	70-130	1	30	
Trichloroethene	53	0.50	ug/L	50.00	ND	106	70-130	2	30	
Surrogate: 4-Bromofluorobenzene	*57.6*		*ug/L*	*50.00*		*115*	*70-130*			
Surrogate: Dibromofluoromethane	*51.6*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*46.7*		*ug/L*	*50.00*		*93*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Date Received: 07/23/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507236 - EPA 300.0 (2.1)										
Blank (2507236-BLK1)				Prepared & Analyzed: 07/23/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2507236-BS1)				Prepared & Analyzed: 07/23/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110			
Fluoride	2.0	0.50	mg/L	2.000		98	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		97	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2507236-BSD1)				Prepared & Analyzed: 07/23/2025						
Chloride	12	1.0	mg/L	12.50		95	90-110	1	10	
Fluoride	2.0	0.50	mg/L	2.000		98	90-110	0.03	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		97	90-110	0.05	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110	0.05	10	
Sulfate	13	5.0	mg/L	12.50		104	90-110	0.09	10	
Matrix Spike (2507236-MS1)	**Source: 25G0663-01**			Prepared: 07/23/2025 Analyzed: 07/29/2025						
Chloride	15	1.0	mg/L	12.50	3.3	96	80-120			
Fluoride	1.9	0.50	mg/L	2.000	0.20	83	80-120			
Nitrogen, Nitrate (As N)	6.0	0.50	mg/L	5.000	1.1	98	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	0.082	95	80-120			
Sulfate	18	5.0	mg/L	12.50	7.4	83	80-120			
Matrix Spike (2507236-MS2)	**Source: 25G0667-10**			Prepared: 07/23/2025 Analyzed: 07/29/2025						
Chloride	13	1.0	mg/L	12.50	1.1	92	80-120			
Fluoride	2.0	0.50	mg/L	2.000	0.36	83	80-120			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	99	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	0.056	95	80-120			
Sulfate	17	5.0	mg/L	12.50	6.4	82	80-120			
Matrix Spike (2507236-MS3)	**Source: 25G0681-01**			Prepared: 07/23/2025 Analyzed: 07/29/2025						
Chloride	13	1.0	mg/L	12.50	1.5	92	80-120			
Fluoride	1.9	0.50	mg/L	2.000	0.25	83	80-120			
Nitrogen, Nitrate (As N)	6.1	0.50	mg/L	5.000	1.1	98	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	0.17	95	80-120			
Sulfate	15	5.0	mg/L	12.50	5.0	78	80-120			M2
Matrix Spike (2507236-MS4)	**Source: 25G0693-01**			Prepared: 07/23/2025 Analyzed: 07/29/2025						
Chloride	19	1.0	mg/L	12.50	6.4	100	80-120			
Fluoride	1.9	0.50	mg/L	2.000	0.23	82	80-120			
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.61	96	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	96	80-120			
Sulfate	37	5.0	mg/L	12.50	26	82	80-120			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Date Received: 07/23/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507236 - EPA 300.0 (2.1)										
Matrix Spike Dup (2507236-MSD1)	**Source: 25G0663-01**			Prepared: 07/23/2025 Analyzed: 07/29/2025						
Chloride	15	1.0	mg/L	12.50	3.3	96	80-120	0.3	10	
Fluoride	1.9	0.50	mg/L	2.000	0.20	84	80-120	0.3	10	
Nitrogen, Nitrate (As N)	6.0	0.50	mg/L	5.000	1.1	98	80-120	0.2	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	0.082	95	80-120	0.4	10	
Sulfate	18	5.0	mg/L	12.50	7.4	83	80-120	0.2	10	
Matrix Spike Dup (2507236-MSD2)	**Source: 25G0667-10**			Prepared: 07/23/2025 Analyzed: 07/29/2025						
Chloride	13	1.0	mg/L	12.50	1.1	92	80-120	0.2	10	
Fluoride	2.0	0.50	mg/L	2.000	0.36	84	80-120	1	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	100	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	0.056	95	80-120	0.1	10	
Sulfate	17	5.0	mg/L	12.50	6.4	83	80-120	0.2	10	
Matrix Spike Dup (2507236-MSD3)	**Source: 25G0681-01**			Prepared: 07/23/2025 Analyzed: 07/29/2025						
Chloride	13	1.0	mg/L	12.50	1.5	93	80-120	0.4	10	
Fluoride	1.9	0.50	mg/L	2.000	0.25	82	80-120	0.5	10	
Nitrogen, Nitrate (As N)	6.0	0.50	mg/L	5.000	1.1	98	80-120	0.1	10	
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	0.17	95	80-120	0.4	10	
Sulfate	15	5.0	mg/L	12.50	5.0	78	80-120	0.3	10	M2
Matrix Spike Dup (2507236-MSD4)	**Source: 25G0693-01**			Prepared: 07/23/2025 Analyzed: 07/29/2025						
Chloride	19	1.0	mg/L	12.50	6.4	100	80-120	0.2	10	
Fluoride	1.9	0.50	mg/L	2.000	0.23	82	80-120	0.3	10	
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.61	96	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120	0.2	10	
Sulfate	37	5.0	mg/L	12.50	26	82	80-120	0.03	10	
Batch 2507256 - EPA 300.0 (2.1)										
Blank (2507256-BLK1)				Prepared & Analyzed: 07/24/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2507256-BS1)				Prepared & Analyzed: 07/24/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110			
Fluoride	1.9	0.50	mg/L	2.000		97	90-110			
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		97	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110			
Sulfate	13	5.0	mg/L	12.50		103	90-110			
LCS Dup (2507256-BSD1)				Prepared & Analyzed: 07/24/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110	0.05	10	
Fluoride	1.9	0.50	mg/L	2.000		97	90-110	0.1	10	
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		97	90-110	0.06	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110	0.1	10	
Sulfate	13	5.0	mg/L	12.50		103	90-110	0.09	10	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0696
Date Received: 07/23/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507256 - EPA 300.0 (2.1)										
Matrix Spike (2507256-MS1)	**Source: 25G0706-02**			Prepared: 07/24/2025 Analyzed: 07/31/2025						
Chloride	13	1.0	mg/L	12.50	1.0	92	80-120			
Fluoride	1.9	0.50	mg/L	2.000	0.24	84	80-120			
Nitrogen, Nitrate (As N)	6.4	0.50	mg/L	5.000	1.4	100	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	0.17	94	80-120			
Sulfate	14	5.0	mg/L	12.50	4.0	82	80-120			
Matrix Spike (2507256-MS2)	**Source: 25G0714-01**			Prepared: 07/24/2025 Analyzed: 07/31/2025						
Chloride	19	1.0	mg/L	12.50	6.7	101	80-120			
Fluoride	1.9	0.50	mg/L	2.000	0.28	82	80-120			
Nitrogen, Nitrate (As N)	5.5	0.50	mg/L	5.000	0.70	96	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	94	80-120			
Sulfate	19	5.0	mg/L	12.50	8.5	83	80-120			
Matrix Spike Dup (2507256-MSD1)	**Source: 25G0706-02**			Prepared: 07/24/2025 Analyzed: 07/31/2025						
Chloride	13	1.0	mg/L	12.50	1.0	92	80-120	0.3	10	
Fluoride	1.9	0.50	mg/L	2.000	0.24	85	80-120	0.3	10	
Nitrogen, Nitrate (As N)	6.4	0.50	mg/L	5.000	1.4	99	80-120	0.4	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	0.17	94	80-120	0.07	10	
Sulfate	14	5.0	mg/L	12.50	4.0	82	80-120	0.2	10	
Matrix Spike Dup (2507256-MSD2)	**Source: 25G0714-01**			Prepared: 07/24/2025 Analyzed: 07/31/2025						
Chloride	19	1.0	mg/L	12.50	6.7	100	80-120	0.2	10	
Fluoride	1.9	0.50	mg/L	2.000	0.28	82	80-120	0.2	10	
Nitrogen, Nitrate (As N)	5.5	0.50	mg/L	5.000	0.70	95	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	94	80-120	0.1	10	
Sulfate	19	5.0	mg/L	12.50	8.5	82	80-120	0.4	10	

TURNER LABORATORIES INC
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # [illegible] DATE 7/22 PAGE 1 OF 1

PROJECT NAME : Groundwater 200994530000 / 619033

CONTACT NAME : TJ Raica

COMPANY NAME : Copper World, Inc.

ADDRESS : 5285 E Williams Circle, Suite 2010

CITY Tucson STATE AZ ZIP CODE

PHONE 520.965.7235 FAX

SAMPLER'S SIGNATURE

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX: Ambient Monitoring - see attached
POC-01	7/22/2025	10:35		GW	8	✓
POC-02	7/22/2025	11:30		GW	8	✓
POC-03	7/22/2025	12:20		GW	8	✓
POC-06	7/22/2025	14:45		GW	8	✓
POC-05	7/22/2025	15:50		GW	8	✓
POC-07	7/23/2025	8:45		GW	8	✓
POC-09	7/23/2025	10:00		GW	8	✓
POC-10	7/23/2025	11:00		GW	8	✓
POC-08	7/23/2025	12:00		GW	8	✓

1. RELINQUISHED BY:
Signature
Printed Name: TYLER HOCHSTATTER
Firm: PITEAU ASSOCIATES
Date/Time: 07/23/25 15:20

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
__X__ Standard (approx.10 days)*
___Next day ___2 Day ___5 Day*
__X__ Email Preliminary Results To:
tearque.raica@hudbayminerals.com
Working Days

REPORT REQUIREMENTS:
__X__ I. Routine Report
__X__ II. Report (includes DUP,MS,MSD, as required, may be charged as samples)
___ III. Date Validation Report (Includes All Raw Data)
Add 10% to invoice

INVOICE INFORMATION:
Account ___ Y ___ N
P.O. #
Bill to:

SAMPLE RECEIPT:
Total Containers
Temperature
☐ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Printed Name
Firm: TURNER LABORATORIES, INC.
Date/Time: 7/23/25 1520

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

SPECIAL INSTRUCTIONS/COMMENTS:

Compliance Analysis: ☐ Yes ☐ No		Custody Seals ☐	Preservation Confirmation ☐
ADEQ Forms: ☐ Yes ☐ No		Container Intact ☒	Appropriate Head Space ☒
Mail ADEQ Forms ☐ Yes ☐ No		COC/Labels Agree ☒	Received Within Hold Time ☒

Parameters for Ambient Groundwater Monitoring **(in mg/L unless otherwise noted, metals are dissolved unless otherwise noted)**		
	Antimony	Uranium (total)
	Arsenic	Gross Alpha Particle Activity (pCi/L)
Total Dissolved Solids	Barium	Radium 226 + Radium 228 (pCi/L)
Total Alkalinity	Beryllium	Uranium-Isotopes (pCi/L)
Carbonate	Cadmium	Benzene
Bicarbonate	Chromium	Carbon Disulfide
Nitrate as N	Cobalt	Ethylbenzene
Nitrite as N	Copper	Toluene
Nitrate + Nitrite	Cyanide (free)	Total Xylenes
Total Nitrogen	Lead	
Sulfate	Manganese	TKN
Chloride	Mercury	Ammonia
Fluoride	Iron (total)	Adjusted Gross Alpha (pCi/L)
Calcium	Molybdenum	
Magnesium	Nickel	
Potassium	Selenium	
Sodium	Thallium	
Hydroxide	Uranium	
Aluminum	Zinc	

Note: Within the context of this permit, compliance with Arizona Aquifer Quality Standards (AWQS) assumed the adoption of a limit of 0.01 mg/L for arsenic (dissolved) and a limit of 0.30 mg/L for uranium (total).

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 22, 2025
Sample Received: July 25, 2025
Analysis Completed: August 11, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25G0696-01	13.5 ± 1.2	10.3 ± 1.1	3.2 ± 1.6	9.1 ± 1.4	< 0.5	1.2 ± 0.4	1.2 ± 0.4
Analysis Date/Time	8/7/2025 11:59	7/29/2025 13:37	8/7/2025 11:59	8/2/2025 9:54	8/6/2025 12:17	8/6/2025 12:17	8/6/2025 12:17

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
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Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 22, 2025
Sample Received: July 25, 2025
Uranium Analysis Date: July 29, 2025
Uranium Analysis Time: 13:37

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25G0696-01	4.0 ± 0.5	0.186 ± 0.003	6.2 ± 0.6	10.3 ± 1.1	Activity (pCi/L)
	11.9 ± 1.4	0.087 ± 0.002	0.00099 ± 0.00010	12.0 ± 1.4	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P.
Laboratory License Number AZ0462

August 11, 2025
Date

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 22, 2025 (Sample Date) 10:35 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/7/2025	3.2 ± 1.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/7/2025	13.5 ± 1.2		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	7/29/2025	12.0 ± 1.4	µg/L	
			Uranium 234	4007	7/29/2025	0.00099 ± 0.00010		
			Uranium 235	4008	7/29/2025	0.087 ± 0.002		
			Uranium 238	4009	7/29/2025	11.9 ± 1.4		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/6/2025	1.2 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/6/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/6/2025	1.2 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77655

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-01

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 22, 2025 (Sample Date) 10:35 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	8/2/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77655

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-01

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 22, 2025
Sample Received: July 25, 2025
Analysis Completed: August 11, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25G0696-02	16.1 ± 1.3	12.4 ± 1.2	3.7 ± 1.8	13.6 ± 1.5	0.6 ± 0.2	3.0 ± 0.4	3.6 ± 0.4
Analysis Date/Time	8/7/2025 13:39	7/30/2025 9:39	8/7/2025 13:39	8/2/2025 13:14	8/6/2025 16:19	8/6/2025 16:19	8/6/2025 16:19

August 11, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 22, 2025
Sample Received: July 25, 2025
Uranium Analysis Date: July 30, 2025
Uranium Analysis Time: 9:39

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25G0696-02	4.5 ± 0.5	0.208 ± 0.004	7.8 ± 0.7	12.4 ± 1.2	Activity (pCi/L)
	13.3 ± 1.5	0.097 ± 0.002	0.00125 ± 0.00011	13.4 ± 1.5	Content (µg/L)
	Comments:				

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____

PWS Name: _____

July 22, 2025 (Sample Date) 11:30 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/7/2025	3.7 ± 1.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/7/2025	16.1 ± 1.3		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	7/30/2025	13.4 ± 1.5	µg/L	
			Uranium 234	4007	7/30/2025	0.00125 ± 0.00011		
			Uranium 235	4008	7/30/2025	0.097 ± 0.002		
			Uranium 238	4009	7/30/2025	13.3 ± 1.5		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/6/2025	3.6 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/6/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/6/2025	3.0 ± 0.4		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77656

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 22, 2025 (Sample Date) 11:30 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	8/2/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77656

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST.• CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 22, 2025
Sample Received: July 25, 2025
Analysis Completed: August 11, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25G0696-03	11.6 ± 0.8	9.8 ± 1.0	1.8 ± 1.3	5.4 ± 1.2	0.6 ± 0.2	< 0.8	0.6 ± 0.2

Analysis Date/Time	8/1/2025	7/30/2025	8/1/2025	8/2/2025	8/5/2025	8/5/2025	8/5/2025
	09:58	9:55	09:58	16:35	7:07	7:07	7:07

August 11, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 22, 2025
Sample Received: July 25, 2025
Uranium Analysis Date: July 30, 2025
Uranium Analysis Time: 9:55

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25G0696-03	2.7 ± 0.4	0.125 ± 0.003	7.0 ± 0.6	9.8 ± 1.0	Activity (pCi/L)
	8.0 ± 1.2	0.058 ± 0.001	0.00112 ± 0.00010	8.0 ± 1.2	Content (µg/L)
	Comments:				

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____

PWS Name: _____

July 22, 2025 (Sample Date) 12:20 (Sample Time) (24 hour clock)

Owner/Contact Person _____

Owner/Contact Fax Number _____

Owner/Contact Phone Number _____

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/1/2025	1.8 ± 1.3		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/1/2025	11.6 ± 0.8		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	7/30/2025	8.0 ± 1.2	µg/L	
			Uranium 234	4007	7/30/2025	0.00112 ± 0.00010		
			Uranium 235	4008	7/30/2025	0.058 ± 0.001		
			Uranium 238	4009	7/30/2025	8.0 ± 1.2		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/5/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/5/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/5/2025	< 0.8		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77657

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-03

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 22, 2025 (Sample Date) 12:20 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	8/2/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77657

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-03

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 22, 2025
Sample Received: July 25, 2025
Analysis Completed: August 11, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25G0696-04	10.4 ± 0.7	8.7 ± 1.0	1.7 ± 1.2	5.1 ± 1.2	0.6 ± 0.2	< 0.8	0.6 ± 0.2

Analysis Date/Time	8/1/2025 11:39	7/30/2025 10:12	8/1/2025 11:39	8/2/2025 19:55	8/6/2025 20:21	8/6/2025 20:21	8/6/2025 20:21

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 22, 2025
Sample Received: July 25, 2025
Uranium Analysis Date: July 30, 2025
Uranium Analysis Time: 10:12

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25G0696-04	3.0 ± 0.4	0.138 ± 0.003	5.6 ± 0.6	8.7 ± 1.0	Activity (pCi/L)
	8.8 ± 1.2	0.064 ± 0.001	0.00090 ± 0.00009	8.9 ± 1.2	Content (µg/L)
	Comments:				

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 22, 2025 (Sample Date) 14:45 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/1/2025	1.7 ± 1.2		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/1/2025	10.4 ± 0.7		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	7/30/2025	8.9 ± 1.2	µg/L	
			Uranium 234	4007	7/30/2025	0.00090 ± 0.00009		
			Uranium 235	4008	7/30/2025	0.064 ± 0.001		
			Uranium 238	4009	7/30/2025	8.8 ± 1.2		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/6/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/6/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/6/2025	< 0.8		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77658

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-04

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 22, 2025 (Sample Date) 14:45 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	8/2/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77658

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-04

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 22, 2025
Sample Received: July 25, 2025
Analysis Completed: August 11, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25G0696-05	23.9 ± 1.1	21.8 ± 1.6	2.1 ± 1.9	7.1 ± 1.2	< 0.4	< 0.8	< 0.8
Analysis Date/Time	8/1/2025 13:19	7/30/2025 10:27	8/1/2025 13:19	7/31/2025 14:28	8/5/2025 15:10	8/5/2025 15:10	8/5/2025 15:10

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.redsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 22, 2025
Sample Received: July 25, 2025
Uranium Analysis Date: July 30, 2025
Uranium Analysis Time: 10:27

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25G0696-05	7.0 ± 0.6	0.325 ± 0.004	14.5 ± 1.0	21.8 ± 1.6	Activity (pCi/L)
	20.7 ± 1.9	0.152 ± 0.002	0.00233 ± 0.00015	20.9 ± 1.9	Content (µg/L)
	Comments:				

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 22, 2025 (Sample Date) 15:50 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/1/2025	2.1 ± 1.9		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/1/2025	23.9 ± 1.1		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	7/30/2025	20.9 ± 1.9	µg/L	
			Uranium 234	4007	7/30/2025	0.00233 ± 0.00015		
			Uranium 235	4008	7/30/2025	0.152 ± 0.002		
			Uranium 238	4009	7/30/2025	20.7 ± 1.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/5/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/5/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/5/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77659

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-05

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 22, 2025 (Sample Date) 15:50 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	7/31/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77659

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-05

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 23, 2025
Sample Received: July 25, 2025
Analysis Completed: August 11, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25G0696-06	5.5 ± 0.6	2.2 ± 0.5	3.3 ± 0.8	8.8 ± 1.3	0.7 ± 0.2	< 0.8	0.7 ± 0.2

Analysis Date/Time	8/1/2025 14:59	7/30/2025 10:44	8/1/2025 14:59	8/2/2025 23:15	8/5/2025 19:11	8/5/2025 19:11	8/5/2025 19:11

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 23, 2025
Sample Received: July 25, 2025
Uranium Analysis Date: July 30, 2025
Uranium Analysis Time: 10:44

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25G0696-06	1.1 ± 0.3	0.052 ± 0.002	1.0 ± 0.3	2.2 ± 0.5	Activity (pCi/L)
	3.3 ± 0.8	0.024 ± 0.001	0.00016 ± 0.00004	3.3 ± 0.8	Content (µg/L)
	Comments:				

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 23, 2025 (Sample Date) 8:45 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/1/2025	3.3 ± 0.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/1/2025	5.5 ± 0.6		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	7/30/2025	3.3 ± 0.8	µg/L	
			Uranium 234	4007	7/30/2025	0.00016 ± 0.00004		
			Uranium 235	4008	7/30/2025	0.024 ± 0.001		
			Uranium 238	4009	7/30/2025	3.3 ± 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/5/2025	0.7 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/5/2025	0.7 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/5/2025	< 0.8		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77660

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-06

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 23, 2025 (Sample Date) 8:45 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	8/2/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77660

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-06

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 23, 2025
Sample Received: July 25, 2025
Analysis Completed: August 11, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25G0696-07	6.7 ± 0.6	4.6 ± 0.7	2.1 ± 0.9	4.1 ± 1.1	0.4 ± 0.2	< 0.8	0.4 ± 0.2

Analysis Date/Time	7/31/2025 03:54	7/30/2025 10:59	7/31/2025 03:54	8/3/2025 2:36	8/5/2025 23:13	8/5/2025 23:13	8/5/2025 23:13

August 11, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 23, 2025
Sample Received: July 25, 2025
Uranium Analysis Date: July 30, 2025
Uranium Analysis Time: 10:59

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25G0696-07	1.3 ± 0.3	0.059 ± 0.002	3.3 ± 0.4	4.6 ± 0.7	Activity (pCi/L)
	3.8 ± 0.8	0.027 ± 0.001	0.00052 ± 0.00007	3.8 ± 0.8	Content (µg/L)
	Comments:				

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____

PWS Name: _____

July 23, 2025 (Sample Date) 10:00 (Sample Time) (24 hour clock)

Owner/Contact Person

Owner/Contact Fax Number

Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	7/31/2025	2.1 ± 0.9		
EPA 00-02		3 pCi/L	Gross Alpha	4002	7/31/2025	6.7 ± 0.6		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	7/30/2025	3.8 ± 0.8	µg/L	
			Uranium 234	4007	7/30/2025	0.00052 ± 0.00007		
			Uranium 235	4008	7/30/2025	0.027 ± 0.001		
			Uranium 238	4009	7/30/2025	3.8 ± 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/5/2025	0.4 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/5/2025	0.4 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/5/2025	< 0.8		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77661

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-07

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 23, 2025 (Sample Date) 10:00 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	8/3/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

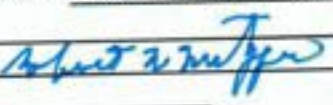
Specimen Number: RSE77661

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-07

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 23, 2025
Sample Received: July 25, 2025
Analysis Completed: August 11, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25G0696-08	4.5 ± 0.5	3.3 ± 0.6	1.2 ± 0.8	4.0 ± 1.2	< 0.4	< 0.8	< 0.8

Analysis Date/Time	8/1/2025 16:39	7/30/2025 11:15	8/1/2025 16:39	8/3/2025 5:56	8/6/2025 3:14	8/6/2025 3:14	8/6/2025 3:14

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 23, 2025
Sample Received: July 25, 2025
Uranium Analysis Date: July 30, 2025
Uranium Analysis Time: 11:15

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25G0696-08	0.9 ± 0.2	0.043 ± 0.002	2.3 ± 0.4	3.3 ± 0.6	Activity (pCi/L)
	2.8 ± 0.7	0.020 ± 0.001	0.00037 ± 0.00006	2.8 ± 0.7	Content (µg/L)
	Comments:				

August 11, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 23, 2025 (Sample Date) 11:00 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/1/2025	1.2 ± 0.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/1/2025	4.5 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	7/30/2025	2.8 ± 0.7	µg/L	
			Uranium 234	4007	7/30/2025	0.00037 ± 0.00006		
			Uranium 235	4008	7/30/2025	0.020 ± 0.001		
			Uranium 238	4009	7/30/2025	2.8 ± 0.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/6/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/6/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/6/2025	< 0.8		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77662

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-08

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 23, 2025 (Sample Date) 11:00 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	8/3/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77662

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-08

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 23, 2025
Sample Received: July 25, 2025
Analysis Completed: August 11, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25G0696-09	17.9 ± 1.0	15.5 ± 1.3	2.4 ± 1.6	8.4 ± 1.3	< 0.4	< 0.8	< 0.8
Analysis Date/Time	8/6/2025 15:56	7/30/2025 11:30	8/6/2025 15:56	8/3/2025 9:17	8/6/2025 8:16	8/6/2025 8:16	8/6/2025 8:16

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST.• CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 23, 2025
Sample Received: July 25, 2025
Uranium Analysis Date: July 30, 2025
Uranium Analysis Time: 11:30

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25G0696-09	6.0 ± 0.6	0.279 ± 0.004	9.2 ± 0.7	15.5 ± 1.3	Activity (pCi/L)
	17.9 ± 1.7	0.131 ± 0.002	0.00148 ± 0.00012	18.0 ± 1.7	Content (µg/L)
	Comments:				

August 11, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 23, 2025 (Sample Date) 12:00 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/6/2025	2.4 ± 1.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/6/2025	17.9 ± 1.0		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	7/30/2025	18.0 ± 1.7	µg/L	
			Uranium 234	4007	7/30/2025	0.00148 ± 0.00012		
			Uranium 235	4008	7/30/2025	0.131 ± 0.002		
			Uranium 238	4009	7/30/2025	17.9 ± 1.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/6/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/6/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/6/2025	< 0.8		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77663

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-09

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 23, 2025 (Sample Date) 12:00 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	8/3/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77663

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0696-09

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25G0696

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25G0696-01 Non-Potable Wa Sampled:07/22/2025 10:35			
Radiochemistry, Uranium	01/18/2026 10:35		
Radiochemistry, Gross Alpha Beta	01/18/2026 10:35		
Radiochemistry, Radium 226/228	08/21/2025 10:35		77655
Containers Supplied:			
Sample ID: 25G0696-02 Non-Potable Wa Sampled:07/22/2025 11:30			
Radiochemistry, Radium 226/228	08/21/2025 11:30		
Radiochemistry, Uranium	01/18/2026 11:30		
Radiochemistry, Gross Alpha Beta	01/18/2026 11:30		77656
Containers Supplied:			
Sample ID: 25G0696-03 Non-Potable Wa Sampled:07/22/2025 12:20			
Radiochemistry, Gross Alpha Beta	01/18/2026 12:20		
Radiochemistry, Radium 226/228	08/21/2025 12:20		
Radiochemistry, Uranium	01/18/2026 12:20		77657
Containers Supplied:			
Sample ID: 25G0696-04 Non-Potable Wa Sampled:07/22/2025 14:45			
Radiochemistry, Radium 226/228	08/21/2025 14:45		
Radiochemistry, Uranium	01/18/2026 14:45		
Radiochemistry, Gross Alpha Beta	01/18/2026 14:45		77658
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	7/24/25 1600	UPS	7/24/25 1600
Released By	Date	Received By	Date
		[signature]	7/25/25 10:12

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25G0696

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25G0696-05 Non-Potable Wa Sampled:07/22/2025 15:50			
Radiochemistry, Uranium	01/18/2026 15:50		
Radiochemistry, Radium 226/228	08/21/2025 15:50		
Radiochemistry, Gross Alpha Beta	01/18/2026 15:50		77659
Containers Supplied:			
Sample ID: 25G0696-06 Non-Potable Wa Sampled:07/23/2025 08:45			
Radiochemistry, Gross Alpha Beta	01/19/2026 08:45		
Radiochemistry, Radium 226/228	08/22/2025 08:45		
Radiochemistry, Uranium	01/19/2026 08:45		77660
Containers Supplied:			
Sample ID: 25G0696-07 Non-Potable Wa Sampled:07/23/2025 10:00			
Radiochemistry, Gross Alpha Beta	01/19/2026 10:00		
Radiochemistry, Radium 226/228	08/22/2025 10:00		
Radiochemistry, Uranium	01/19/2026 10:00		77661
Containers Supplied:			
Sample ID: 25G0696-08 Non-Potable Wa Sampled:07/23/2025 11:00			
Radiochemistry, Gross Alpha Beta	01/19/2026 11:00		
Radiochemistry, Radium 226/228	08/22/2025 11:00		
Radiochemistry, Uranium	01/19/2026 11:00		77662
Containers Supplied:			
Sample ID: 25G0696-09 Non-Potable Wa Sampled:07/23/2025 12:00			
Radiochemistry, Gross Alpha Beta	01/19/2026 12:00		
Radiochemistry, Radium 226/228	08/22/2025 12:00		
Radiochemistry, Uranium	01/19/2026 12:00		77663
Containers Supplied:			

Released By	Date	Received By	Date
[illegible]	7/24/25 1600	UPS	7/24/25 1600
Released By	Date	Received By	Date
		[illegible]	7/25/25 10:12

September 03, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25G0784
Order Name: Groundwater
200994530000

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 4 sample(s) on 07/28/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Date Received: 07/28/2025

Order: Groundwater 200994530000

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25G0784-01	POC - 04	Ground Water	07/28/2025 1114
25G0784-02	POC - 4 Dup	Ground Water	07/28/2025 1114
25G0784-03	Field Blank	Field Blank	07/28/2025 1114
25G0784-04	Trip blank	Trip Blank	07/28/2025 0000

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Date Received: 07/28/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E7	Concentration estimated. Internal standard recoveries did not meet laboratory acceptance criteria.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H1	Sample analysis was performed past holding time.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
R9	Sample RPD exceeded the laboratory acceptance limit.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 09/03/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Lab Sample ID: 25G0784-01

Client Sample ID: POC - 04
Collection Date/Time: 07/28/2025 1114
Matrix: Ground Water
Order Name: Groundwater 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	08/05/2025 1240	08/05/2025 1444	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	07/28/2025 1359	07/29/2025 0339	ES
ICP Total Metals-E200.7 (4.4)									
Iron	6.0		0.30		mg/L	1	08/01/2025 1418	08/11/2025 1755	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.020		0.0050		mg/L	10	08/05/2025 1427	08/11/2025 1556	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	45		4.0		mg/L	1	08/01/2025 1332	08/06/2025 1358	RAR
Magnesium	16		3.0		mg/L	1	08/01/2025 1332	08/06/2025 1358	RAR
Potassium	5.1		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1358	RAR
Sodium	45		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1358	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.059		0.040		mg/L	1	07/31/2025 1510	08/07/2025 1621	RAR
Antimony	0.00018	0.000039	0.00050	E4	mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Arsenic	0.0044		0.00050		mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Barium	0.050		0.00050		mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Beryllium	0.000021	0.000013	0.00025	E4	mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Chromium	0.000064	0.000023	0.00050	E4	mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Cobalt	0.00027		0.00025		mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Copper	0.012		0.00050		mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Lead	0.00020	0.000057	0.00050	E4	mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Manganese	0.62		0.00025		mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Molybdenum	0.13		0.00025		mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Nickel	0.0021		0.00050		mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Selenium	0.0014	0.00025	0.0025	E4	mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
Uranium	0.011		0.00050		mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Lab Sample ID: 25G0784-01

Client Sample ID: POC - 04
Collection Date/Time: 07/28/2025 1114
Matrix: Ground Water
Order Name: Groundwater 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.0026	0.0023	0.040	E4	mg/L	1	08/07/2025 1510	08/07/2025 1621	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	08/05/2025 0920	08/05/2025 1444	JWK
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	24		1.0		mg/L	1	07/28/2025 1359	07/29/2025 0339	ES
Fluoride	2.2		0.50		mg/L	1	07/28/2025 1359	07/29/2025 0339	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	07/28/2025 1359	07/29/2025 0339	ES
Nitrogen, Nitrite (As N)	ND	0.045	0.10	E8	mg/L	1	07/28/2025 1359	07/29/2025 0339	ES
Sulfate	57		5.0		mg/L	1	07/28/2025 1359	07/29/2025 0339	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	1.0		0.50		mg/L	1	08/05/2025 1240	08/05/2025 1444	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	08/11/2025 0907	08/11/2025 1400	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	250		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Total (As CaCO3)	250		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	410		20		mg/L	1	08/01/2025 1118	08/09/2025 0947	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/04/2025 0917	08/04/2025 1441	ES
pH-SM4500-H+ B									

Turner Laboratories, Inc.

Date: 09/03/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Lab Sample ID: 25G0784-01

Client Sample ID: POC - 04
Collection Date/Time: 07/28/2025 1114
Matrix: Ground Water
Order Name: Groundwater 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.7			H1	-	1	08/27/2025 1530	08/27/2025 1617	IM
Temperature (°C)	23			H1	-	1	08/27/2025 1530	08/27/2025 1617	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/29/2025 0839	08/04/2025 1627	PB
Carbon disulfide	0.12	0.11	2.0	E4	ug/L	1	07/29/2025 0839	08/04/2025 1627	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/29/2025 0839	08/04/2025 1627	PB
Toluene	0.23	0.057	0.50	E4	ug/L	1	07/29/2025 0839	08/04/2025 1627	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/29/2025 0839	08/04/2025 1627	PB
Surr: 4-Bromofluorobenzene	*105*	*70-130*			*%REC*	*1*	*07/29/2025 0839*	*08/04/2025 1627*	*PB*
Surr: Dibromofluoromethane	*93*	*70-130*			*%REC*	*1*	*07/29/2025 0839*	*08/04/2025 1627*	*PB*
Surr: Toluene-d8	*90*	*70-130*			*%REC*	*1*	*07/29/2025 0839*	*08/04/2025 1627*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Lab Sample ID: 25G0784-02

Client Sample ID: POC - 4 Dup
Collection Date/Time: 07/28/2025 1114
Matrix: Ground Water
Order Name: Groundwater 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	08/05/2025 1240	08/05/2025 1444	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	07/28/2025 1359	07/29/2025 0358	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.25	0.0031	0.30	E4	mg/L	1	08/01/2025 1418	08/11/2025 1758	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.027		0.0050		mg/L	10	08/05/2025 1427	08/11/2025 1559	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	44		4.0		mg/L	1	08/01/2025 1332	08/06/2025 1401	RAR
Magnesium	15		3.0		mg/L	1	08/01/2025 1332	08/06/2025 1401	RAR
Potassium	5.5		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1401	RAR
Sodium	45		5.0		mg/L	1	08/01/2025 1332	08/06/2025 1401	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Antimony	0.00037	0.000039	0.00050	E4	mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Arsenic	0.0040		0.00050		mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Barium	0.063		0.00050		mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Chromium	0.000033	0.000023	0.00050	E4	mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Cobalt	0.00069		0.00025		mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Copper	0.0042		0.00050		mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Manganese	0.88		0.00050		mg/L	2	08/07/2025 1510	08/11/2025 1653	RAR
Molybdenum	0.12		0.00025		mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Nickel	0.0023		0.00050		mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Selenium	0.0012	0.00025	0.0025	E4	mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Uranium	0.019		0.00050		mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR
Zinc	0.0025	0.0023	0.040	E4	mg/L	1	08/07/2025 1510	08/07/2025 1624	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Lab Sample ID: 25G0784-02

Client Sample ID: POC - 4 Dup
Collection Date/Time: 07/28/2025 1114
Matrix: Ground Water
Order Name: Groundwater 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	08/05/2025 0920	08/05/2025 1447	JWK
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	23		5.0		mg/L	5	07/28/2025 1359	08/01/2025 1446	ES
Fluoride	2.3		0.50		mg/L	1	07/28/2025 1359	07/29/2025 0358	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	07/28/2025 1359	07/29/2025 0358	ES
Nitrogen, Nitrite (As N)	ND	0.045	0.10	E8	mg/L	1	07/28/2025 1359	07/29/2025 0358	ES
Sulfate	72		5.0		mg/L	1	07/28/2025 1359	07/29/2025 0358	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.61		0.50		mg/L	1	08/05/2025 1240	08/05/2025 1444	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8, M2	mg/L	1	08/07/2025 0904	08/07/2025 1533	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	220		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Total (As CaCO3)	220		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	400		20		mg/L	1	08/01/2025 1118	08/09/2025 0947	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/04/2025 0917	08/04/2025 1441	ES
pH-SM4500-H+ B									
pH (pH Units)	7.7				-	1	08/27/2025 1530	08/27/2025 1620	IM

Turner Laboratories, Inc.

Date: 09/03/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Lab Sample ID: 25G0784-02

Client Sample ID: POC - 4 Dup
Collection Date/Time: 07/28/2025 1114
Matrix: Ground Water
Order Name: Groundwater 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	23				-	1	08/27/2025 1530	08/27/2025 1620	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/29/2025 0839	08/04/2025 1703	PB
Carbon disulfide	0.14	0.11	2.0	E4	ug/L	1	07/29/2025 0839	08/04/2025 1703	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/29/2025 0839	08/04/2025 1703	PB
Toluene	12		0.50		ug/L	1	07/29/2025 0839	08/04/2025 1703	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/29/2025 0839	08/04/2025 1703	PB
Surr: 4-Bromofluorobenzene	*101*	*70-130*			*%REC*	*1*	*07/29/2025 0839*	*08/04/2025 1703*	*PB*
Surr: Dibromofluoromethane	*91*	*70-130*			*%REC*	*1*	*07/29/2025 0839*	*08/04/2025 1703*	*PB*
Surr: Toluene-d8	*88*	*70-130*			*%REC*	*1*	*07/29/2025 0839*	*08/04/2025 1703*	*PB*

Turner Laboratories, Inc.

Date: 09/03/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Lab Sample ID: 25G0784-03

Client Sample ID: Field Blank
Collection Date/Time: 07/28/2025 1114
Matrix: Field Blank
Order Name: Groundwater 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	08/05/2025 1240	08/05/2025 1444	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	07/28/2025 1359	07/29/2025 0418	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.0050	0.0031	0.30	E4	mg/L	1	08/01/2025 1418	08/11/2025 1820	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.00024	0.000015	0.00050	E4	mg/L	1	08/05/2025 1427	08/06/2025 1515	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	0.14		4.0		mg/L	1	08/01/2025 1332	08/06/2025 1404	RAR
Magnesium	ND	0.10	3.0	E8	mg/L	1	08/01/2025 1332	08/06/2025 1404	RAR
Potassium	ND	0.14	5.0	E8	mg/L	1	08/01/2025 1332	08/06/2025 1404	RAR
Sodium	1.1	0.58	5.0	E4	mg/L	1	08/01/2025 1332	08/06/2025 1404	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Arsenic	ND	0.00010	0.00050	E8	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Barium	0.00020	0.000029	0.00050	E4	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Chromium	ND	0.000023	0.00050	E8	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Cobalt	ND	0.000010	0.00025	E8	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Copper	0.00047	0.00015	0.00050	E4	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Manganese	0.0034		0.00025		mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Molybdenum	0.00059		0.00025		mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Nickel	ND	0.000015	0.00050	E8	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Selenium	ND	0.00025	0.0025	E8	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Uranium	0.000079	0.000015	0.00050	E4	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	08/07/2025 1510	08/07/2025 1627	RAR

Turner Laboratories, Inc.

Date: 09/03/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Lab Sample ID: 25G0784-03

Client Sample ID: Field Blank
Collection Date/Time: 07/28/2025 1114
Matrix: Field Blank
Order Name: Groundwater 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	08/05/2025 0920	08/05/2025 1450	JWK
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	ND	0.75	1.0	E8	mg/L	1	07/28/2025 1359	07/29/2025 0418	ES
Fluoride	ND	0.18	0.50	E8	mg/L	1	07/28/2025 1359	07/29/2025 0418	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	07/28/2025 1359	07/29/2025 0418	ES
Nitrogen, Nitrite (As N)	ND	0.045	0.10	E8	mg/L	1	07/28/2025 1359	07/29/2025 0418	ES
Sulfate	2.9	2.8	5.0	E4	mg/L	1	07/28/2025 1359	07/29/2025 0418	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	08/05/2025 1240	08/05/2025 1444	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	08/07/2025 0904	08/07/2025 1533	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	24		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Alkalinity, Total (As CaCO3)	24		2.0		mg/L	1	08/04/2025 0830	08/04/2025 1625	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	ND		20		mg/L	1	08/01/2025 1118	08/09/2025 0947	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/04/2025 0917	08/04/2025 1441	ES
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/29/2025 0839	07/30/2025 0025	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	07/29/2025 0839	07/30/2025 0025	PB

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Lab Sample ID: 25G0784-03

Client Sample ID: Field Blank
Collection Date/Time: 07/28/2025 1114
Matrix: Field Blank
Order Name: Groundwater 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/29/2025 0839	07/30/2025 0025	PB
Toluene	0.13	0.057	0.50	E4	ug/L	1	07/29/2025 0839	07/30/2025 0025	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/29/2025 0839	07/30/2025 0025	PB
Surr: 4-Bromofluorobenzene	*106*	*70-130*			*%REC*	*1*	*07/29/2025 0839*	*07/30/2025 025*	*PB*
Surr: Dibromofluoromethane	*95*	*70-130*			*%REC*	*1*	*07/29/2025 0839*	*07/30/2025 025*	*PB*
Surr: Toluene-d8	*90*	*70-130*			*%REC*	*1*	*07/29/2025 0839*	*07/30/2025 025*	*PB*

Turner Laboratories, Inc.

Date: 09/03/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Lab Sample ID: 25G0784-04

Client Sample ID: Trip blank
Collection Date/Time: 07/28/2025 0000
Matrix: Trip Blank
Order Name: Groundwater 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	07/29/2025 0839	07/29/2025 1520	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	07/29/2025 0839	07/29/2025 1520	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	07/29/2025 0839	07/29/2025 1520	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	07/29/2025 0839	07/29/2025 1520	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	07/29/2025 0839	07/29/2025 1520	PB
Surr: 4-Bromofluorobenzene	*105*	*70-130*			*%REC*	*1*	*07/29/2025 0839*	*07/29/2025 1520*	*PB*
Surr: Dibromofluoromethane	*92*	*70-130*			*%REC*	*1*	*07/29/2025 0839*	*07/29/2025 1520*	*PB*
Surr: Toluene-d8	*86*	*70-130*			*%REC*	*1*	*07/29/2025 0839*	*07/29/2025 1520*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Date Received: 07/28/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508039 - EPA 245.1										
Blank (2508039-BLK1)				Prepared & Analyzed: 08/05/2025						
Mercury	ND	0.0010	mg/L							
LCS (2508039-BS1)				Prepared & Analyzed: 08/05/2025						
Mercury	0.0047	0.0010	mg/L	0.005000		93	85-115			
LCS Dup (2508039-BSD1)				Prepared & Analyzed: 08/05/2025						
Mercury	0.0046	0.0010	mg/L	0.005000		91	85-115	2	20	
Matrix Spike (2508039-MS1)		**Source: 25G0855-02**		Prepared & Analyzed: 08/05/2025						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	97	70-130			
Matrix Spike Dup (2508039-MSD1)		**Source: 25G0855-02**		Prepared & Analyzed: 08/05/2025						
Mercury	0.0047	0.0010	mg/L	0.005000	ND	95	70-130	2	20	
Batch 2508043 - E200.8 (5.4)										
Blank (2508043-BLK1)				Prepared: 08/05/2025 Analyzed: 08/06/2025						
Uranium	ND	0.00050	mg/L							
LCS (2508043-BS1)				Prepared: 08/05/2025 Analyzed: 08/06/2025						
Uranium	0.053	0.00050	mg/L	0.05000		105	85-115			
LCS Dup (2508043-BSD1)				Prepared: 08/05/2025 Analyzed: 08/06/2025						
Uranium	0.053	0.00050	mg/L	0.05000		106	85-115	0.6	20	
Matrix Spike (2508043-MS1)		**Source: 25G0696-04**		Prepared: 08/05/2025 Analyzed: 08/06/2025						
Uranium	0.074	0.00050	mg/L	0.05000	0.0048	138	70-130			M1
Matrix Spike (2508043-MS2)		**Source: 25G0696-05**		Prepared: 08/05/2025 Analyzed: 08/06/2025						
Uranium	0.095	0.00050	mg/L	0.05000	0.024	142	70-130			M1
Batch 2508055 - EPA 200.7 (4.4)										
Blank (2508055-BLK1)				Prepared & Analyzed: 08/06/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.0	5.0	mg/L							
LCS (2508055-BS1)				Prepared & Analyzed: 08/06/2025						
Calcium	10	4.0	mg/L	10.00		100	85-115			
Magnesium	9.9	3.0	mg/L	10.00		99	85-115			
Potassium	10	5.0	mg/L	10.00		103	85-115			
Sodium	10	5.0	mg/L	10.00		104	85-115			
LCS Dup (2508055-BSD1)				Prepared & Analyzed: 08/06/2025						
Calcium	9.9	4.0	mg/L	10.00		99	85-115	0.9	20	
Magnesium	9.8	3.0	mg/L	10.00		98	85-115	0.8	20	
Potassium	10	5.0	mg/L	10.00		102	85-115	0.9	20	
Sodium	10	5.0	mg/L	10.00		104	85-115	0.5	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Date Received: 07/28/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508055 - EPA 200.7 (4.4)										
Matrix Spike (2508055-MS1)	**Source: 25G0680-04**			Prepared & Analyzed: 08/06/2025						
Calcium	520	4.0	mg/L	10.00	540	NR	70-130			M2
Magnesium	410	3.0	mg/L	10.00	410	NR	70-130			M2
Potassium	21	5.0	mg/L	10.00	10	107	70-130			
Sodium	ND	5.0	mg/L	10.00	ND		70-130			
Matrix Spike (2508055-MS2)	**Source: 25G0680-05**			Prepared & Analyzed: 08/06/2025						
Calcium	260	4.0	mg/L	10.00	250	83	70-130			
Magnesium	140	3.0	mg/L	10.00	130	101	70-130			
Potassium	16	5.0	mg/L	10.00	5.1	107	70-130			
Sodium	ND	5.0	mg/L	10.00	ND		70-130			
Batch 2508078 - EPA 200.8 (5.4)										
Blank (2508078-BLK1)				Prepared & Analyzed: 08/07/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Date Received: 07/28/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508078 - EPA 200.8 (5.4)										
LCS (2508078-BS1)				Prepared & Analyzed: 08/07/2025						
Aluminum	0.11	0.040	mg/L	0.1000		109	85-115			
Antimony	0.053	0.00050	mg/L	0.05000		107	85-115			
Arsenic	0.053	0.00050	mg/L	0.05000		106	85-115			
Barium	0.054	0.00050	mg/L	0.05000		109	85-115			
Beryllium	0.053	0.00025	mg/L	0.05000		105	85-115			
Cadmium	0.053	0.00025	mg/L	0.05000		106	85-115			
Chromium	0.054	0.00050	mg/L	0.05000		109	85-115			
Cobalt	0.053	0.00025	mg/L	0.05000		107	85-115			
Copper	0.053	0.00050	mg/L	0.05000		107	85-115			
Lead	0.053	0.00050	mg/L	0.05000		107	85-115			
Manganese	0.054	0.00025	mg/L	0.05000		107	85-115			
Molybdenum	0.054	0.00025	mg/L	0.05000		107	85-115			
Nickel	0.054	0.00050	mg/L	0.05000		108	85-115			
Selenium	0.053	0.0025	mg/L	0.05000		107	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115			
Uranium	0.055	0.00050	mg/L	0.05000		109	85-115			
Zinc	0.11	0.040	mg/L	0.1000		108	85-115			
LCS Dup (2508078-BSD1)				Prepared & Analyzed: 08/07/2025						
Aluminum	0.11	0.040	mg/L	0.1000		108	85-115	1	20	
Antimony	0.054	0.00050	mg/L	0.05000		107	85-115	0.4	20	
Arsenic	0.053	0.00050	mg/L	0.05000		106	85-115	0.05	20	
Barium	0.055	0.00050	mg/L	0.05000		110	85-115	1	20	
Beryllium	0.052	0.00025	mg/L	0.05000		104	85-115	1	20	
Cadmium	0.054	0.00025	mg/L	0.05000		107	85-115	1	20	
Chromium	0.053	0.00050	mg/L	0.05000		107	85-115	2	20	
Cobalt	0.053	0.00025	mg/L	0.05000		106	85-115	1	20	
Copper	0.053	0.00050	mg/L	0.05000		105	85-115	1	20	
Lead	0.054	0.00050	mg/L	0.05000		107	85-115	0.4	20	
Manganese	0.053	0.00025	mg/L	0.05000		107	85-115	0.7	20	
Molybdenum	0.054	0.00025	mg/L	0.05000		107	85-115	0.04	20	
Nickel	0.053	0.00050	mg/L	0.05000		106	85-115	2	20	
Selenium	0.053	0.0025	mg/L	0.05000		105	85-115	2	20	
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115	0.006	20	
Uranium	0.050	0.00050	mg/L	0.05000		101	85-115	8	20	
Zinc	0.11	0.040	mg/L	0.1000		108	85-115	0.01	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Date Received: 07/28/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508078 - EPA 200.8 (5.4)										
Matrix Spike (2508078-MS1)		**Source: 25H0211-01**		Prepared & Analyzed: 08/07/2025						
Aluminum	0.10	0.040	mg/L	0.1000	ND	104	70-130			
Antimony	0.056	0.00050	mg/L	0.05000	0.000053	111	70-130			
Arsenic	0.059	0.00050	mg/L	0.05000	0.0012	115	70-130			
Barium	0.074	0.00050	mg/L	0.05000	0.017	114	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.000027	104	70-130			
Cadmium	0.051	0.00025	mg/L	0.05000	0.000098	101	70-130			
Chromium	0.055	0.00050	mg/L	0.05000	0.0022	105	70-130			
Cobalt	0.051	0.00025	mg/L	0.05000	0.00019	102	70-130			
Copper	0.054	0.00050	mg/L	0.05000	0.0080	92	70-130			
Lead	0.057	0.00050	mg/L	0.05000	0.000066	113	70-130			
Manganese	0.054	0.00025	mg/L	0.05000	0.0021	103	70-130			
Molybdenum	0.078	0.00025	mg/L	0.05000	0.020	116	70-130			
Nickel	0.049	0.00050	mg/L	0.05000	0.0016	94	70-130			
Selenium	0.059	0.0025	mg/L	0.05000	0.0025	113	70-130			
Thallium	0.052	0.00050	mg/L	0.05000	0.000042	105	70-130			
Uranium	0.084	0.00050	mg/L	0.05000	0.020	129	70-130			
Zinc	0.098	0.040	mg/L	0.1000	ND	98	70-130			
Matrix Spike (2508078-MS2)		**Source: 25G0819-01**		Prepared & Analyzed: 08/07/2025						
Aluminum	0.13	0.040	mg/L	0.1000	ND	129	70-130			
Antimony	0.068	0.00050	mg/L	0.05000	0.00070	135	70-130			M1
Arsenic	0.073	0.00050	mg/L	0.05000	0.0031	141	70-130			M1
Barium	0.20	0.00050	mg/L	0.05000	0.13	138	70-130			M1
Beryllium	0.062	0.00025	mg/L	0.05000	0.000024	124	70-130			
Cadmium	0.062	0.00025	mg/L	0.05000	ND	123	70-130			
Chromium	0.063	0.00050	mg/L	0.05000	0.00036	125	70-130			
Cobalt	0.060	0.00025	mg/L	0.05000	0.00031	120	70-130			
Copper	0.059	0.00050	mg/L	0.05000	0.0034	111	70-130			
Lead	0.068	0.00050	mg/L	0.05000	0.000082	135	70-130			M1
Manganese	0.061	0.00025	mg/L	0.05000	0.00061	122	70-130			
Molybdenum	0.075	0.00025	mg/L	0.05000	0.0060	137	70-130			M1
Nickel	0.060	0.00050	mg/L	0.05000	0.0024	115	70-130			
Selenium	0.069	0.0025	mg/L	0.05000	0.0016	135	70-130			M1
Thallium	0.063	0.00050	mg/L	0.05000	0.000052	125	70-130			
Uranium	0.082	0.00050	mg/L	0.05000	0.0050	154	70-130			M1
Zinc	0.12	0.040	mg/L	0.1000	0.0028	121	70-130			
Batch 2508087 - E200.7 (4.4)										
Blank (2508087-BLK1)				Prepared: 08/08/2025 Analyzed: 08/11/2025						
Iron	0.0044	0.30	mg/L							
LCS (2508087-BS1)				Prepared: 08/08/2025 Analyzed: 08/11/2025						
Iron	0.97	0.30	mg/L	1.000		97	85-115			
LCS Dup (2508087-BSD1)				Prepared: 08/08/2025 Analyzed: 08/11/2025						
Iron	0.96	0.30	mg/L	1.000		96	85-115	1	20	
Matrix Spike (2508087-MS1)		**Source: 25G0537-02**		Prepared: 08/08/2025 Analyzed: 08/11/2025						
Iron	1.0	0.30	mg/L	1.000	0.032	100	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508087 - E200.7 (4.4)										
Matrix Spike (2508087-MS2)	**Source: 25G0696-04**			Prepared: 08/08/2025 Analyzed: 08/11/2025						
Iron	0.99	0.30	mg/L	1.000	0.033	96	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508004 - SM2540 C										
Duplicate (2508004-DUP1)		**Source: 25G0770-01**		Prepared: 08/01/2025 Analyzed: 08/09/2025						
Total Dissolved Solids (Residue, Filterable)	180	20	mg/L		170			3	5	
Duplicate (2508004-DUP2)		**Source: 25G0770-02**		Prepared: 08/01/2025 Analyzed: 08/09/2025						
Total Dissolved Solids (Residue, Filterable)	200	20	mg/L		200			4	5	
Batch 2508016 - SM2320B										
Blank (2508016-BLK1)				Prepared & Analyzed: 08/04/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2508016-BS1)				Prepared & Analyzed: 08/04/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		98	90-110			
LCS Dup (2508016-BSD1)				Prepared & Analyzed: 08/04/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		99	90-110	0.8	10	
Matrix Spike (2508016-MS1)		**Source: 25G0770-05**		Prepared & Analyzed: 08/04/2025						
Alkalinity, Total (As CaCO3)	330	2.0	mg/L	250.0	84	97	70-130			
Matrix Spike Dup (2508016-MSD1)		**Source: 25G0770-05**		Prepared & Analyzed: 08/04/2025						
Alkalinity, Total (As CaCO3)	330	2.0	mg/L	250.0	84	98	70-130	0.6	10	
Batch 2508019 - SM4500-CN BE										
Blank (2508019-BLK1)				Prepared & Analyzed: 08/04/2025						
Cyanide	ND	0.10	mg/L							
LCS (2508019-BS1)				Prepared & Analyzed: 08/04/2025						
Cyanide	1.9	0.10	mg/L	2.000		97	85-115			
LCS Dup (2508019-BSD1)				Prepared & Analyzed: 08/04/2025						
Cyanide	2.0	0.10	mg/L	2.000		99	85-115	2	15	
Matrix Spike (2508019-MS1)		**Source: 25G0800-01**		Prepared & Analyzed: 08/04/2025						
Cyanide	2.1	0.10	mg/L	2.000	ND	105	80-120			
Matrix Spike Dup (2508019-MSD1)		**Source: 25G0800-01**		Prepared & Analyzed: 08/04/2025						
Cyanide	2.2	0.10	mg/L	2.000	ND	108	80-120	2	15	
Batch 2508041 - EPA 351.2										
Blank (2508041-BLK1)				Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2508041-BS1)				Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000		105	80-120			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508041 - EPA 351.2										
LCS Dup (2508041-BSD1)				Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000		104	80-120	0.2	20	
Matrix Spike (2508041-MS1)		**Source: 25G0784-03**		Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	ND	99	80-120			
Matrix Spike (2508041-MS2)		**Source: 25H0034-02**		Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	9.9	0.50	mg/L	5.000	3.8	121	80-120			M1
Matrix Spike Dup (2508041-MSD1)		**Source: 25G0784-03**		Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	103	80-120	4	20	
Matrix Spike Dup (2508041-MSD2)		**Source: 25H0034-02**		Prepared & Analyzed: 08/05/2025						
Nitrogen, Total Kjeldahl	5.8	0.50	mg/L	5.000	3.8	39	80-120	52	20	M2, R9
Batch 2508068 - SM 4500-NH3 B, F										
Blank (2508068-BLK1)				Prepared & Analyzed: 08/07/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2508068-BS1)				Prepared & Analyzed: 08/07/2025						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		103	90-110			
LCS Dup (2508068-BSD1)				Prepared & Analyzed: 08/07/2025						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		98	90-110	4	10	
Matrix Spike (2508068-MS1)		**Source: 25G0784-02**		Prepared & Analyzed: 08/07/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2508068-MSD1)		**Source: 25G0784-02**		Prepared & Analyzed: 08/07/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2
Batch 2508103 - SM 4500-NH3 B, F										
Blank (2508103-BLK1)				Prepared & Analyzed: 08/11/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2508103-BS1)				Prepared & Analyzed: 08/11/2025						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		105	90-110			
LCS Dup (2508103-BSD1)				Prepared & Analyzed: 08/11/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		109	90-110	4	10	
Matrix Spike (2508103-MS1)		**Source: 25G0819-01**		Prepared & Analyzed: 08/11/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2508103-MSD1)		**Source: 25G0819-01**		Prepared & Analyzed: 08/11/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2
Batch 2508325 - SM4500-H+ B										
Duplicate (2508325-DUP1)		**Source: 25G0784-02**		Prepared & Analyzed: 08/27/2025						
pH (pH Units)	7.7		-		7.7			0.1	200	
Temperature (°C)	24		-		23			0.9	200	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507285 - SW8260B										
Blank (2507285-BLK1)				Prepared & Analyzed: 07/29/2025						
Benzene	0.43	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.11	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*55.1*		*ug/L*	*50.00*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*47.4*		*ug/L*	*50.00*		*95*	*70-130*			
Surrogate: Toluene-d8	*43.9*		*ug/L*	*50.00*		*88*	*70-130*			
LCS (2507285-BS1)				Prepared & Analyzed: 07/29/2025						
1,1-Dichloroethene	46	0.50	ug/L	50.00		92	70-130			
Benzene	53	0.50	ug/L	50.00		106	70-130			
Chlorobenzene	42	0.50	ug/L	50.00		84	70-130			
Toluene	44	0.50	ug/L	50.00		88	70-130			
Trichloroethene	44	0.50	ug/L	50.00		89	70-130			
Surrogate: 4-Bromofluorobenzene	*51.5*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*44.4*		*ug/L*	*50.00*		*89*	*70-130*			
Surrogate: Toluene-d8	*41.4*		*ug/L*	*50.00*		*83*	*70-130*			
LCS Dup (2507285-BSD1)				Prepared & Analyzed: 07/29/2025						
1,1-Dichloroethene	46	0.50	ug/L	50.00		92	70-130	0.5	30	
Benzene	53	0.50	ug/L	50.00		105	70-130	0.9	30	
Chlorobenzene	43	0.50	ug/L	50.00		85	70-130	1	30	
Toluene	44	0.50	ug/L	50.00		88	70-130	0.1	30	
Trichloroethene	43	0.50	ug/L	50.00		87	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*52.1*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*45.9*		*ug/L*	*50.00*		*92*	*70-130*			
Surrogate: Toluene-d8	*40.9*		*ug/L*	*50.00*		*82*	*70-130*			
Matrix Spike (2507285-MS1)	**Source: 25G0753-01**			Prepared: 07/29/2025 Analyzed: 07/30/2025						
1,1-Dichloroethene	48	0.50	ug/L	50.00	ND	97	70-130			
Benzene	56	0.50	ug/L	50.00	ND	112	70-130			
Chlorobenzene	44	0.50	ug/L	50.00	ND	89	70-130			
Toluene	46	0.50	ug/L	50.00	ND	91	70-130			
Trichloroethene	47	0.50	ug/L	50.00	2.2	90	70-130			
Surrogate: 4-Bromofluorobenzene	*56.0*		*ug/L*	*50.00*		*112*	*70-130*			
Surrogate: Dibromofluoromethane	*52.2*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Toluene-d8	*46.9*		*ug/L*	*50.00*		*94*	*70-130*			
Matrix Spike (2507285-MS2)	**Source: 25G0753-04**			Prepared: 07/29/2025 Analyzed: 07/30/2025						
1,1-Dichloroethene	52	0.50	ug/L	50.00	ND	104	70-130			
Benzene	62	0.50	ug/L	50.00	ND	123	70-130			
Chlorobenzene	48	0.50	ug/L	50.00	ND	96	70-130			
Toluene	50	0.50	ug/L	50.00	ND	100	70-130			
Trichloroethene	53	0.50	ug/L	50.00	3.7	99	70-130			
Surrogate: 4-Bromofluorobenzene	*52.0*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*49.5*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*43.2*		*ug/L*	*50.00*		*86*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507285 - SW8260B										
Matrix Spike Dup (2507285-MSD1)	**Source: 25G0753-01**			Prepared: 07/29/2025 Analyzed: 07/30/2025						
1,1-Dichloroethene	55	0.50	ug/L	50.00	ND	110	70-130	13	30	
Benzene	64	0.50	ug/L	50.00	ND	129	70-130	14	30	
Chlorobenzene	50	0.50	ug/L	50.00	ND	100	70-130	12	30	
Toluene	52	0.50	ug/L	50.00	ND	105	70-130	14	30	
Trichloroethene	54	0.50	ug/L	50.00	2.2	104	70-130	14	30	
Surrogate: 4-Bromofluorobenzene	*55.5*		*ug/L*	*50.00*		*111*	*70-130*			
Surrogate: Dibromofluoromethane	*52.2*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Toluene-d8	*46.3*		*ug/L*	*50.00*		*93*	*70-130*			
Matrix Spike Dup (2507285-MSD2)	**Source: 25G0753-04**			Prepared: 07/29/2025 Analyzed: 07/30/2025						
1,1-Dichloroethene	53	0.50	ug/L	50.00	ND	107	70-130	2	30	
Benzene	62	0.50	ug/L	50.00	ND	124	70-130	0.8	30	
Chlorobenzene	48	0.50	ug/L	50.00	ND	96	70-130	0.2	30	
Toluene	51	0.50	ug/L	50.00	ND	101	70-130	1	30	
Trichloroethene	54	0.50	ug/L	50.00	3.7	100	70-130	1	30	
Surrogate: 4-Bromofluorobenzene	*51.3*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*48.8*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*43.1*		*ug/L*	*50.00*		*86*	*70-130*			
Batch 2508020 - SW8260B										
Blank (2508020-BLK1)				Prepared & Analyzed: 08/04/2025						
Benzene	0.47	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.14	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*46.5*		*ug/L*	*50.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*44.6*		*ug/L*	*50.00*		*89*	*70-130*			
LCS (2508020-BS1)				Prepared & Analyzed: 08/04/2025						
1,1-Dichloroethene	42	0.50	ug/L	50.00		84	70-130			
Benzene	51	0.50	ug/L	50.00		102	70-130			
Chlorobenzene	41	0.50	ug/L	50.00		82	70-130			
Toluene	42	0.50	ug/L	50.00		84	70-130			
Trichloroethene	41	0.50	ug/L	50.00		82	70-130			
Surrogate: 4-Bromofluorobenzene	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*46.5*		*ug/L*	*50.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*44.0*		*ug/L*	*50.00*		*88*	*70-130*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508020 - SW8260B										
LCS Dup (2508020-BSD1)				Prepared & Analyzed: 08/04/2025						
1,1-Dichloroethene	45	0.50	ug/L	50.00		90	70-130	7	30	
Benzene	53	0.50	ug/L	50.00		107	70-130	5	30	
Chlorobenzene	44	0.50	ug/L	50.00		89	70-130	8	30	
Toluene	46	0.50	ug/L	50.00		93	70-130	9	30	
Trichloroethene	45	0.50	ug/L	50.00		89	70-130	9	30	
Surrogate: 4-Bromofluorobenzene	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*46.7*		*ug/L*	*50.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*45.1*		*ug/L*	*50.00*		*90*	*70-130*			
Matrix Spike (2508020-MS1)		**Source: 25G0753-03RE1**		Prepared: 08/04/2025 Analyzed: 08/05/2025						
1,1-Dichloroethene	220	2.5	ug/L	250.0	7.7	86	70-130			
Benzene	260	2.5	ug/L	250.0	ND	105	70-130			
Chlorobenzene	210	2.5	ug/L	250.0	ND	84	70-130			
Toluene	220	2.5	ug/L	250.0	ND	87	70-130			
Trichloroethene	260	2.5	ug/L	250.0	54	82	70-130			
Surrogate: 4-Bromofluorobenzene	*260*		*ug/L*	*250.0*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*253*		*ug/L*	*250.0*		*101*	*70-130*			
Surrogate: Toluene-d8	*222*		*ug/L*	*250.0*		*89*	*70-130*			
Matrix Spike (2508020-MS2)		**Source: 25H0028-05**		Prepared: 08/04/2025 Analyzed: 08/05/2025						
1,1-Dichloroethene	51	0.50	ug/L	50.00	ND	102	70-130			
Benzene	61	0.50	ug/L	50.00	ND	123	70-130			
Chlorobenzene	48	0.50	ug/L	50.00	ND	96	70-130			
Toluene	50	0.50	ug/L	50.00	ND	101	70-130			
Trichloroethene	49	0.50	ug/L	50.00	ND	97	70-130			
Surrogate: 4-Bromofluorobenzene	*53.9*		*ug/L*	*50.00*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*50.1*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*45.5*		*ug/L*	*50.00*		*91*	*70-130*			
Matrix Spike Dup (2508020-MSD1)		**Source: 25G0753-03RE1**		Prepared: 08/04/2025 Analyzed: 08/05/2025						
1,1-Dichloroethene	240	2.5	ug/L	250.0	7.7	93	70-130	7	30	E7
Benzene	280	2.5	ug/L	250.0	ND	113	70-130	7	30	E7
Chlorobenzene	220	2.5	ug/L	250.0	ND	87	70-130	3	30	E7
Toluene	220	2.5	ug/L	250.0	ND	90	70-130	3	30	E7
Trichloroethene	270	2.5	ug/L	250.0	54	87	70-130	4	30	E7
Surrogate: 4-Bromofluorobenzene	*262*		*ug/L*	*250.0*		*105*	*70-130*			*E7*
Surrogate: Dibromofluoromethane	*256*		*ug/L*	*250.0*		*103*	*70-130*			*E7*
Surrogate: Toluene-d8	*218*		*ug/L*	*250.0*		*87*	*70-130*			*E7*
Matrix Spike Dup (2508020-MSD2)		**Source: 25H0028-05**		Prepared: 08/04/2025 Analyzed: 08/05/2025						
1,1-Dichloroethene	44	0.50	ug/L	50.00	ND	89	70-130	14	30	
Benzene	52	0.50	ug/L	50.00	ND	104	70-130	16	30	
Chlorobenzene	43	0.50	ug/L	50.00	ND	86	70-130	11	30	
Toluene	45	0.50	ug/L	50.00	ND	90	70-130	11	30	
Trichloroethene	43	0.50	ug/L	50.00	ND	86	70-130	12	30	
Surrogate: 4-Bromofluorobenzene	*48.7*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Dibromofluoromethane	*46.4*		*ug/L*	*50.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*42.5*		*ug/L*	*50.00*		*85*	*70-130*			

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Date Received: 07/28/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507274 - EPA 300.0 (2.1)										
Blank (2507274-BLK1)				Prepared & Analyzed: 07/28/2025						
Chloride	ND	1.0	mg/L							E8
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							E8
LCS (2507274-BS1)				Prepared & Analyzed: 07/28/2025						
Chloride	12	1.0	mg/L	12.50		97	90-110			
Fluoride	2.0	0.50	mg/L	2.000		99	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2507274-BSD1)				Prepared & Analyzed: 07/28/2025						
Chloride	12	1.0	mg/L	12.50		97	90-110	0.01	10	
Fluoride	2.0	0.50	mg/L	2.000		99	90-110	0.4	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110	0.03	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110	0.1	10	
Sulfate	13	5.0	mg/L	12.50		104	90-110	0.2	10	
Matrix Spike (2507274-MS1)	**Source: 25G0584-06**			Prepared: 07/28/2025 Analyzed: 08/01/2025						
Chloride	20	1.0	mg/L	12.50	7.2	102	80-120			
Fluoride	1.9	0.50	mg/L	2.000	0.26	82	80-120			
Nitrogen, Nitrate (As N)	6.1	0.50	mg/L	5.000	1.2	100	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	20	5.0	mg/L	12.50	9.7	83	80-120			
Matrix Spike (2507274-MS2)	**Source: 25G0584-08**			Prepared: 07/28/2025 Analyzed: 08/01/2025						
Chloride	20	1.0	mg/L	12.50	6.8	102	80-120			
Fluoride	2.0	0.50	mg/L	2.000	0.33	83	80-120			
Nitrogen, Nitrate (As N)	7.1	0.50	mg/L	5.000	2.0	101	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	58	5.0	mg/L	12.50	47	83	80-120			
Matrix Spike (2507274-MS3)	**Source: 25G0784-03**			Prepared: 07/28/2025 Analyzed: 08/01/2025						
Chloride	12	1.0	mg/L	12.50	ND	99	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	101	80-120			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	101	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	13	5.0	mg/L	12.50	2.9	82	80-120			
Matrix Spike Dup (2507274-MSD1)	**Source: 25G0584-06**			Prepared: 07/28/2025 Analyzed: 08/01/2025						
Chloride	20	1.0	mg/L	12.50	7.2	102	80-120	0.02	10	
Fluoride	1.9	0.50	mg/L	2.000	0.26	82	80-120	0.2	10	
Nitrogen, Nitrate (As N)	6.1	0.50	mg/L	5.000	1.2	100	80-120	0.1	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120	0.1	10	
Sulfate	20	5.0	mg/L	12.50	9.7	84	80-120	0.1	10	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25G0784
Date Received: 07/28/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2507274 - EPA 300.0 (2.1)										
Matrix Spike Dup (2507274-MSD2)	**Source: 25G0584-08**			Prepared: 07/28/2025 Analyzed: 08/01/2025						
Chloride	20	1.0	mg/L	12.50	6.8	101	80-120	0.1	10	
Fluoride	2.0	0.50	mg/L	2.000	0.33	83	80-120	0.05	10	
Nitrogen, Nitrate (As N)	7.1	0.50	mg/L	5.000	2.0	102	80-120	0.1	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120	0.02	10	
Sulfate	58	5.0	mg/L	12.50	47	82	80-120	0.2	10	
Matrix Spike Dup (2507274-MSD3)	**Source: 25G0784-03**			Prepared: 07/28/2025 Analyzed: 08/01/2025						
Chloride	12	1.0	mg/L	12.50	ND	99	80-120	0.6	10	
Fluoride	2.1	0.50	mg/L	2.000	ND	104	80-120	3	10	
Nitrogen, Nitrate (As N)	5.1	0.50	mg/L	5.000	ND	101	80-120	0.1	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120	0.3	10	
Sulfate	13	5.0	mg/L	12.50	2.9	83	80-120	0.5	10	

TURNER LABORATORIES INC
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 7/28/25 ~~250~~ 2560784 DATE 7/28/25 PAGE 1 OF 1

PROJECT NAME GROUNDWATER 260994530000 # 619033
CONTACT NAME TJ RAICA
COMPANY NAME COPPER WORLD, INC
ADDRESS 5285 E WILLIAMS CIRCLE, SUITE 2010
ZIP TUCSON AZ PHONE 520-965-7256 EMAIL
SAMPLER'S SIGNATURE

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	Base Neutrals 625/8270 ☐ Acids ☐	Volatile Organics ☐ 624 ☐ 5242 ☐ TTHMS ☐ 8260 ☐ HAAS ☐	Chloride ☐ Sulfate ☐ Resistivity ☐	NO3 ☐ NO2 ☐ TKN ☐	TPH ☐ 1664 ☐ Oil & Grease ☐	VOA ☐ TCLP Analysis SemiVOA ☐ Pest. ☐	TCLP ☐ Metals Dissolved ☐ Total ☐ RCRA 8 ☐	Total ☐ Cyanide Amen. ☐ Iodo ☐	SDWA INORGANICS PRIMARY ☐ SECONDARY ☐	Nitrite ☐ Coliform Fec ☐	pH ☐ Fluoride ☐	CaCO3 ☐ % ☐ Turb ☐	TDS ☐ 8100 ☐	See attached
POC-04	7/28/25	1114		GW	2														X
POC-04 Dup																			X
Field Blank				DI H2O															X
Trip Blank				Trip Blank			X												

1. RELINQUISHED BY:
Signature
Printed Name TYLER HOCHSTATTER
Firm PITEAU
Date/Time 07/28/25 1459

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
X Standard (approx. 10 days)*
___ Next Day ___ 2 Day ___ 5 Day*
X Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
X I. Routine Report
X II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
___ III. Data Validation Report (Includes All Raw Data) Add 10% to Invoice

INVOICE INFORMATION:
Account ___ Y ___ N
P.O. #
Bill to:

SAMPLE RECEIPT:
Total Containers
Temperature 13.5°C
☒ Wet Ice ☐ Ambient ☐ Blue Ice
IR # 48

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Printed Name Christian Cervantes
Firm TURNER LABORATORIES, INC.
Date/Time 7/28/25 1459

* LEGEND SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP: ☐ Yes ☐ No
Custody Seals ☐
Container Intact ☑
COC / Labels Agree ☑
Preservation Confirmation ☑
Appropriate Head Space ☑
Received Within Hold Time ☑

SPECIAL INSTRUCTIONS/COMMENTS:
thochstatter@piteau.com
Sample IDs noted per bottles
7/28/25

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 28, 2025
Sample Received: July 30, 2025
Analysis Completed: August 12, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25G0784-01	18.3 ± 1.0	14.0 ± 1.3	4.3 ± 1.6	11.2 ± 1.3	< 0.5	< 0.8	< 0.8

Analysis Date/Time	8/8/2025	8/1/2025	8/8/2025	8/8/2025	8/8/2025	8/8/2025	8/8/2025
	06:23	12:15	06:23	11:24	7:50	7:50	7:50

August 12, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 28, 2025
Sample Received: July 30, 2025
Uranium Analysis Date: August 01, 2025
Uranium Analysis Time: 12:15

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25G0784-01	5.0 ± 0.5	0.232 ± 0.004	8.8 ± 0.7	14.0 ± 1.3	Activity (pCi/L)
	14.8 ± 1.6	0.108 ± 0.002	0.00141 ± 0.00012	14.9 ± 1.6	Content (µg/L)
	Comments:				

August 12, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 28, 2025 (Sample Date) 11:14 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/8/2025	4.3 ± 1.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/8/2025	18.3 ± 1.0		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	8/1/2025	14.9 ± 1.6	µg/L	
			Uranium 234	4007	8/1/2025	0.00141 ± 0.00012		
			Uranium 235	4008	8/1/2025	0.108 ± 0.002		
			Uranium 238	4009	8/1/2025	14.8 ± 1.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/8/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/8/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/8/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77691

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0784-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 28, 2025 (Sample Date) 11:14 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	8/8/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77691

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0784-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 28, 2025
Sample Received: July 30, 2025
Analysis Completed: August 12, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25G0784-02	17.6 ± 1.0	16.3 ± 1.4	1.3 ± 1.7	12.5 ± 1.4	< 0.5	< 0.8	< 0.8

Analysis Date/Time	8/8/2025	8/1/2025	8/8/2025	8/8/2025	8/8/2025	8/8/2025	8/8/2025
	08:03	12:30	08:03	14:44	14:37	14:37	14:37

August 12, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 28, 2025
Sample Received: July 30, 2025
Uranium Analysis Date: August 01, 2025
Uranium Analysis Time: 12:30

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25G0784-02	6.5 ± 0.6	0.303 ± 0.004	9.5 ± 0.8	16.3 ± 1.4	Activity (pCi/L)
	19.4 ± 1.8	0.142 ± 0.002	0.00153 ± 0.00012	19.5 ± 1.8	Content (µg/L)
	Comments:				

August 12, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 28, 2025 (Sample Date) 11:14 (24 hour clock) (Sample Time) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring Date Q1 collected: _____

☐ Quarterly Date Q2 collected: _____

☐ Composite of four quarterly samples Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/8/2025	1.3 ± 1.7		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/8/2025	17.6 ± 1.0		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	8/1/2025	19.5 ± 1.8	µg/L	
			Uranium 234	4007	8/1/2025	0.00153 ± 0.00012		
			Uranium 235	4008	8/1/2025	0.142 ± 0.002		
			Uranium 238	4009	8/1/2025	19.4 ± 1.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/8/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/8/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/8/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77692

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0784-02

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 28, 2025 (Sample Date) 11:14 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

Combined Uranium must be reported in micrograms per liter

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	8/8/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77692

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0784-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 28, 2025
Sample Received: July 30, 2025
Analysis Completed: August 12, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25G0784-03	< 0.5	< 0.4	< 0.5	< 2.2	< 0.6	< 0.8	< 0.8

Analysis Date/Time	8/8/2025 09:43	8/1/2025 12:48	8/8/2025 09:43	8/8/2025 18:04	8/8/2025 18:53	8/8/2025 18:53	8/8/2025 18:53

August 12, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: July 28, 2025
Sample Received: July 30, 2025
Uranium Analysis Date: August 01, 2025
Uranium Analysis Time: 12:48

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25G0784-03	< 0.3	< 0.002	< 0.3	< 0.4	Activity (pCi/L)
	< 0.8	< 0.001	< 0.00005	< 0.8	Content (µg/L)
	Comments:				

August 12, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 28, 2025 (Sample Date) 11:14 (24 hour clock) (Sample Time) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring Date Q1 collected: _____

☐ Quarterly Date Q2 collected: _____

☐ Composite of four quarterly samples Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/8/2025	< 0.5		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/8/2025	< 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	8/1/2025	< 0.8	µg/L	
			Uranium 234	4007	8/1/2025	< 0.00005		
			Uranium 235	4008	8/1/2025	< 0.001		
			Uranium 238	4009	8/1/2025	< 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/8/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/8/2025	< 0.6		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/8/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77693

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0784-03

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

July 28, 2025 (Sample Date) 11:14 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	8/8/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

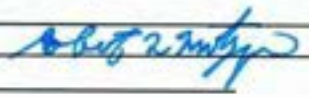
Specimen Number: RSE77693

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25G0784-03

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25G0784

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25G0784-01 Non-Potable Wa Sampled:07/28/2025 11:14			
Radiochemistry, Uranium	01/24/2026 11:14		
Radiochemistry, Radium 226/228	08/27/2025 11:14		
Radiochemistry, Gross Alpha Beta	01/24/2026 11:14		
Containers Supplied:			77691
Sample ID: 25G0784-02 Non-Potable Wa Sampled:07/28/2025 11:14			
Radiochemistry, Uranium	01/24/2026 11:14		
Radiochemistry, Radium 226/228	08/27/2025 11:14		
Radiochemistry, Gross Alpha Beta	01/24/2026 11:14		
Containers Supplied:			77692
Sample ID: 25G0784-03 Non-Potable Wa Sampled:07/28/2025 11:14			
Radiochemistry, Uranium	01/24/2026 11:14		
Radiochemistry, Radium 226/228	08/27/2025 11:14		
Radiochemistry, Gross Alpha Beta	01/24/2026 11:14		
Containers Supplied:			77693

Released By	Date	Received By	Date
[signature]	7/29/25 1600	UPS	7/29/25 1600
		[signature]	July 30th, 2025 12:00 PM

September 12, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25H0524
Order Name: Groundwater
200994530000 619033

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 4 sample(s) on 08/19/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Date Received: 08/19/2025

Order: Groundwater 200994530000 619033

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25H0524-01	POC - 01	Ground Water	08/19/2025 1030
25H0524-02	POC - 01 DUPE	Ground Water	08/19/2025 1142
25H0524-03	POC - 02	Ground Water	08/19/2025 1344
25H0524-04	Field Blank	Ground Water	08/19/2025 1219

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Date Received: 08/19/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

B1	Target analyte detected in the method blank at or above the method reporting limit.
B7	Target analyte detected in method blank at or above the method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.
E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H2	Initial analysis was performed within holding time. Reanalysis for the required dilution was past holding time.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 09/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Lab Sample ID: 25H0524-01

Client Sample ID: POC - 01
Collection Date/Time: 08/19/2025 1030
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	24		3.1		mg/L	5	09/04/2025 1041	09/04/2025 1533	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	23		2.6		mg/L	5	08/20/2025 1000	08/30/2025 0233	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND		0.33		mg/L	1	09/03/2025 1331	09/03/2025 1550	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.021		0.00050		mg/L	1	08/31/2025 1302	09/03/2025 1153	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	250		4.0		mg/L	1	09/01/2025 0800	09/04/2025 1607	RAR
Magnesium	71		3.0		mg/L	1	09/01/2025 0800	09/04/2025 1607	RAR
Potassium	5.5		5.0		mg/L	1	09/01/2025 0800	09/04/2025 1607	RAR
Sodium	19		5.0		mg/L	1	09/01/2025 0800	09/04/2025 1607	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR
Antimony	ND	0.00039	0.0050	E8	mg/L	10	08/26/2025 0800	09/04/2025 1623	RAR
Arsenic	0.0037		0.00050		mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR
Barium	0.028		0.0050		mg/L	10	08/26/2025 0800	09/04/2025 1623	RAR
Beryllium	0.000016	0.000013	0.00025	E4	mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR
Chromium	0.00088		0.00050		mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR
Cobalt	0.00050		0.00025		mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR
Copper	ND	0.0015	0.0050	E8	mg/L	10	08/26/2025 0800	09/04/2025 1623	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR
Manganese	0.0013	0.00038	0.0025	E4	mg/L	10	08/26/2025 0800	09/04/2025 1623	RAR
Molybdenum	0.076		0.00025		mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR
Nickel	0.0033		0.00050		mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR
Selenium	0.012		0.0025		mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR
Uranium	0.020		0.00050		mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Lab Sample ID: 25H0524-01

Client Sample ID: POC - 01
Collection Date/Time: 08/19/2025 1030
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.010	0.0023	0.040	E4	mg/L	1	08/26/2025 0800	08/26/2025 1647	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	09/05/2025 0829	09/07/2025 1236	RAR
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	43		5.0	B7	mg/L	5	08/20/2025 1000	09/05/2025 2309	ES
Fluoride	0.91		0.50		mg/L	1	08/20/2025 1000	08/20/2025 1320	ES
Nitrogen, Nitrate (As N)	23		2.5	H2	mg/L	5	08/20/2025 1000	08/30/2025 0233	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	08/20/2025 1000	08/20/2025 1320	ES
Sulfate	640		50		mg/L	10	08/20/2025 1000	09/03/2025 0131	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.38	0.30	0.50	E4	mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	09/03/2025 1230	09/03/2025 1532	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Total (As CaCO3)	190		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400		20		mg/L	1	08/26/2025 0853	09/02/2025 0848	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/27/2025 1030	08/27/2025 1507	ES
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Lab Sample ID: 25H0524-01

Client Sample ID: POC - 01
Collection Date/Time: 08/19/2025 1030
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.1			H5	-	1	08/21/2025 0930	08/21/2025 1610	IM
Temperature (°C)	24			H5	-	1	08/21/2025 0930	08/21/2025 1610	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0546	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	08/28/2025 1122	08/29/2025 0546	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0546	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0546	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	08/28/2025 1122	08/29/2025 0546	KP
Surr: 4-Bromofluorobenzene	*84*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 546*	*KP*
Surr: Dibromofluoromethane	*90*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 546*	*KP*
Surr: Toluene-d8	*86*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 546*	*KP*

Turner Laboratories, Inc.

Date: 09/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Lab Sample ID: 25H0524-02

Client Sample ID: POC - 01 DUPE
Collection Date/Time: 08/19/2025 1142
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	24		3.1		mg/L	5	09/04/2025 1041	09/04/2025 1533	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	24		2.6		mg/L	5	08/20/2025 1000	08/30/2025 0312	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND		0.33		mg/L	1	09/03/2025 1331	09/03/2025 1615	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.021		0.00050		mg/L	1	08/31/2025 1302	09/03/2025 1156	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	250		4.0		mg/L	1	09/01/2025 0800	09/04/2025 1610	RAR
Magnesium	70		3.0		mg/L	1	09/01/2025 0800	09/04/2025 1610	RAR
Potassium	5.6		5.0		mg/L	1	09/01/2025 0800	09/04/2025 1610	RAR
Sodium	19		5.0		mg/L	1	09/01/2025 0800	09/04/2025 1610	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR
Antimony	ND	0.00039	0.0050	E8	mg/L	10	08/26/2025 0800	09/04/2025 1626	RAR
Arsenic	0.0039		0.00050		mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR
Barium	0.029		0.0050		mg/L	10	08/26/2025 0800	09/04/2025 1626	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR
Chromium	0.00091		0.00050		mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR
Cobalt	0.00048		0.00025		mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR
Copper	ND	0.0015	0.0050	E8	mg/L	10	08/26/2025 0800	09/04/2025 1626	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR
Manganese	0.0014	0.00038	0.0025	E4	mg/L	10	08/26/2025 0800	09/04/2025 1626	RAR
Molybdenum	0.075		0.00025		mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR
Nickel	0.0029		0.00050		mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR
Selenium	0.012		0.0025		mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR
Uranium	0.019		0.00050		mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR
Zinc	0.0084	0.0023	0.040	E4	mg/L	1	08/26/2025 0800	08/26/2025 1650	RAR

Turner Laboratories, Inc.

Date: 09/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Lab Sample ID: 25H0524-02

Client Sample ID: POC - 01 DUPE
Collection Date/Time: 08/19/2025 1142
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	09/05/2025 0829	09/07/2025 1244	RAR
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	40		5.0	B7	mg/L	5	08/20/2025 1000	09/09/2025 0929	ES
Fluoride	0.92		0.50		mg/L	1	08/20/2025 1000	08/20/2025 1339	ES
Nitrogen, Nitrate (As N)	24		2.5	H2	mg/L	5	08/20/2025 1000	08/30/2025 0312	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	08/20/2025 1000	08/20/2025 1339	ES
Sulfate	630		50		mg/L	10	08/20/2025 1000	09/01/2025 1324	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	09/03/2025 1230	09/03/2025 1532	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Total (As CaCO3)	190		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400		20		mg/L	1	08/26/2025 0853	09/02/2025 0848	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/27/2025 1030	08/27/2025 1507	ES
pH-SM4500-H+ B									
pH (pH Units)	7.1			H5	-	1	08/21/2025 0930	08/21/2025 1612	IM
Temperature (°C)	23			H5	-	1	08/21/2025 0930	08/21/2025 1612	IM

Turner Laboratories, Inc.

Date: 09/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Lab Sample ID: 25H0524-02

Client Sample ID: POC - 01 DUPE
Collection Date/Time: 08/19/2025 1142
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0627	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	08/28/2025 1122	08/29/2025 0627	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0627	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0627	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	08/28/2025 1122	08/29/2025 0627	KP
Surr: 4-Bromofluorobenzene	*85*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 627*	*KP*
Surr: Dibromofluoromethane	*89*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 627*	*KP*
Surr: Toluene-d8	*87*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 627*	*KP*

Turner Laboratories, Inc.

Date: 09/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Lab Sample ID: 25H0524-03

Client Sample ID: POC - 02
Collection Date/Time: 08/19/2025 1344
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.8		1.1		mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.8		0.60		mg/L	1	08/20/2025 1000	08/20/2025 1358	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND		0.33		mg/L	1	09/03/2025 1331	09/03/2025 1618	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.019		0.00050		mg/L	1	08/31/2025 1302	09/03/2025 1159	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	220		4.0		mg/L	1	09/01/2025 0800	09/04/2025 1613	RAR
Magnesium	66		3.0		mg/L	1	09/01/2025 0800	09/04/2025 1613	RAR
Potassium	4.5	0.14	5.0	E4	mg/L	1	09/01/2025 0800	09/04/2025 1613	RAR
Sodium	33		5.0		mg/L	1	09/01/2025 0800	09/04/2025 1613	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR
Antimony	0.00058	0.00039	0.0050	E4	mg/L	10	08/26/2025 0800	09/04/2025 1629	RAR
Arsenic	0.0061		0.00050		mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR
Barium	0.023		0.0050		mg/L	10	08/26/2025 0800	09/04/2025 1629	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR
Chromium	0.00086		0.00050		mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR
Cobalt	0.00034		0.00025		mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR
Copper	0.0017	0.0015	0.0050	E4	mg/L	10	08/26/2025 0800	09/04/2025 1629	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR
Manganese	0.00092	0.00038	0.0025	E4	mg/L	10	08/26/2025 0800	09/04/2025 1629	RAR
Molybdenum	0.17		0.00025		mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR
Nickel	0.0028		0.00050		mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR
Selenium	0.0086		0.0025		mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR
Uranium	0.017		0.00050		mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR
Zinc	0.0053	0.0023	0.040	E4	mg/L	1	08/26/2025 0800	08/26/2025 1653	RAR

Turner Laboratories, Inc.

Date: 09/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Lab Sample ID: 25H0524-03

Client Sample ID: POC - 02
Collection Date/Time: 08/19/2025 1344
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	09/05/2025 0829	09/07/2025 1308	RAR
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	66		5.0	B7	mg/L	5	08/20/2025 1000	09/05/2025 2333	ES
Fluoride	1.6		0.50		mg/L	1	08/20/2025 1000	08/20/2025 1358	ES
Nitrogen, Nitrate (As N)	1.8		0.50		mg/L	1	08/20/2025 1000	08/20/2025 1358	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	08/20/2025 1000	08/20/2025 1358	ES
Sulfate	640		50		mg/L	10	08/20/2025 1000	09/03/2025 0229	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	09/03/2025 1230	09/03/2025 1532	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	180		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Total (As CaCO3)	180		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1300		20		mg/L	1	08/26/2025 0853	09/02/2025 0848	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/27/2025 1030	08/27/2025 1507	ES
pH-SM4500-H+ B									
pH (pH Units)	7.2			H5	-	1	08/21/2025 0930	08/21/2025 1614	IM
Temperature (°C)	23			H5	-	1	08/21/2025 0930	08/21/2025 1614	IM

Turner Laboratories, Inc.

Date: 09/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Lab Sample ID: 25H0524-03

Client Sample ID: POC - 02
Collection Date/Time: 08/19/2025 1344
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0708	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	08/28/2025 1122	08/29/2025 0708	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0708	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0708	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	08/28/2025 1122	08/29/2025 0708	KP
Surr: 4-Bromofluorobenzene	*85*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 708*	*KP*
Surr: Dibromofluoromethane	*90*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 708*	*KP*
Surr: Toluene-d8	*87*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 708*	*KP*

Turner Laboratories, Inc.

Date: 09/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Lab Sample ID: 25H0524-04

Client Sample ID: Field Blank
Collection Date/Time: 08/19/2025 1219
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.23		0.60	J	mg/L	1	08/20/2025 1000	08/20/2025 1418	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND		0.33		mg/L	1	09/03/2025 1331	09/03/2025 1621	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.00038	0.000015	0.00050	E4	mg/L	1	08/31/2025 1302	09/03/2025 1202	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	ND	0.13	4.0	E8	mg/L	1	09/01/2025 0800	09/04/2025 1616	RAR
Magnesium	ND	0.10	3.0	E8	mg/L	1	09/01/2025 0800	09/04/2025 1616	RAR
Potassium	ND	0.14	5.0	E8	mg/L	1	09/01/2025 0800	09/04/2025 1616	RAR
Sodium	0.89	0.58	5.0	E4	mg/L	1	09/01/2025 0800	09/04/2025 1616	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR
Antimony	ND	0.00039	0.0050	E8	mg/L	10	08/26/2025 0800	09/04/2025 1632	RAR
Arsenic	ND	0.00010	0.00050	E8	mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR
Barium	ND	0.00029	0.0050	E8	mg/L	10	08/26/2025 0800	09/04/2025 1632	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR
Chromium	0.000085	0.000023	0.00050	E4	mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR
Cobalt	ND	0.000010	0.00025	E8	mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR
Copper	ND	0.0015	0.0050	E8	mg/L	10	08/26/2025 0800	09/04/2025 1632	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR
Manganese	ND	0.00038	0.0025	E8	mg/L	10	08/26/2025 0800	09/04/2025 1632	RAR
Molybdenum	0.00047		0.00025		mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR
Nickel	ND	0.000015	0.00050	E8	mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR
Selenium	ND	0.00025	0.0025	E8	mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR
Uranium	0.000030	0.000015	0.00050	E4	mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	08/26/2025 0800	08/26/2025 1656	RAR

Turner Laboratories, Inc.

Date: 09/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Lab Sample ID: 25H0524-04

Client Sample ID: Field Blank
Collection Date/Time: 08/19/2025 1219
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	09/05/2025 0829	09/07/2025 1255	RAR
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	1.3		1.0		mg/L	1	08/20/2025 1000	08/20/2025 1418	ES
Fluoride	ND	0.13	0.50	E8	mg/L	1	08/20/2025 1000	08/20/2025 1418	ES
Nitrogen, Nitrate (As N)	0.23	0.18	0.50	E4	mg/L	1	08/20/2025 1000	08/20/2025 1418	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	08/20/2025 1000	08/20/2025 1418	ES
Sulfate	3.1	0.48	5.0	E4	mg/L	1	08/20/2025 1000	08/20/2025 1418	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	09/03/2025 1230	09/03/2025 1532	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	22		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Alkalinity, Total (As CaCO3)	22		2.0		mg/L	1	08/29/2025 0845	08/29/2025 1537	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	ND		20		mg/L	1	08/26/2025 0853	09/02/2025 0848	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/27/2025 1030	08/27/2025 1507	ES
pH-SM4500-H+ B									
pH (pH Units)	5.8			H5	-	1	08/21/2025 0930	08/21/2025 1616	IM
Temperature (°C)	24			H5	-	1	08/21/2025 0930	08/21/2025 1616	IM

Turner Laboratories, Inc.

Date: 09/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Lab Sample ID: 25H0524-04

Client Sample ID: Field Blank
Collection Date/Time: 08/19/2025 1219
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0748	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	08/28/2025 1122	08/29/2025 0748	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0748	KP
Toluene	0.070	0.057	0.50	E4	ug/L	1	08/28/2025 1122	08/29/2025 0748	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	08/28/2025 1122	08/29/2025 0748	KP
Surr: 4-Bromofluorobenzene	*84*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 748*	*KP*
Surr: Dibromofluoromethane	*92*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 748*	*KP*
Surr: Toluene-d8	*88*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 748*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Date Received: 08/19/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508275 - EPA 200.8 (5.4)										
Blank (2508275-BLK1)				Prepared & Analyzed: 08/26/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.00014	0.00025	mg/L							
Molybdenum	0.000025	0.00025	mg/L							
Nickel	0.000073	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2508275-BS1)				Prepared & Analyzed: 08/26/2025						
Aluminum	0.11	0.040	mg/L	0.1000		105	85-115			
Antimony	0.051	0.00050	mg/L	0.05000		102	85-115			
Arsenic	0.053	0.00050	mg/L	0.05000		107	85-115			
Barium	0.050	0.00050	mg/L	0.05000		100	85-115			
Beryllium	0.052	0.00025	mg/L	0.05000		104	85-115			
Cadmium	0.053	0.00025	mg/L	0.05000		106	85-115			
Chromium	0.052	0.00050	mg/L	0.05000		104	85-115			
Cobalt	0.053	0.00025	mg/L	0.05000		105	85-115			
Copper	0.050	0.00050	mg/L	0.05000		101	85-115			
Lead	0.053	0.00050	mg/L	0.05000		105	85-115			
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115			
Molybdenum	0.053	0.00025	mg/L	0.05000		105	85-115			
Nickel	0.054	0.00050	mg/L	0.05000		107	85-115			
Selenium	0.054	0.0025	mg/L	0.05000		108	85-115			
Thallium	0.047	0.00050	mg/L	0.05000		94	85-115			
Uranium	0.053	0.00050	mg/L	0.05000		105	85-115			
Zinc	0.10	0.040	mg/L	0.1000		103	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Date Received: 08/19/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508275 - EPA 200.8 (5.4)										
LCS Dup (2508275-BSD1)				Prepared & Analyzed: 08/26/2025						
Aluminum	0.11	0.040	mg/L	0.1000		113	85-115	7	20	
Antimony	0.051	0.00050	mg/L	0.05000		101	85-115	0.4	20	
Arsenic	0.053	0.00050	mg/L	0.05000		107	85-115	0.4	20	
Barium	0.050	0.00050	mg/L	0.05000		101	85-115	0.5	20	
Beryllium	0.054	0.00025	mg/L	0.05000		108	85-115	3	20	
Cadmium	0.053	0.00025	mg/L	0.05000		106	85-115	0.4	20	
Chromium	0.053	0.00050	mg/L	0.05000		107	85-115	2	20	
Cobalt	0.053	0.00025	mg/L	0.05000		107	85-115	1	20	
Copper	0.051	0.00050	mg/L	0.05000		101	85-115	0.5	20	
Lead	0.054	0.00050	mg/L	0.05000		107	85-115	2	20	
Manganese	0.051	0.00025	mg/L	0.05000		103	85-115	0.6	20	
Molybdenum	0.053	0.00025	mg/L	0.05000		106	85-115	0.2	20	
Nickel	0.054	0.00050	mg/L	0.05000		109	85-115	1	20	
Selenium	0.053	0.0025	mg/L	0.05000		107	85-115	1	20	
Thallium	0.048	0.00050	mg/L	0.05000		95	85-115	0.9	20	
Uranium	0.054	0.00050	mg/L	0.05000		107	85-115	2	20	
Zinc	0.11	0.040	mg/L	0.1000		106	85-115	3	20	
Matrix Spike (2508275-MS1)	**Source: 25H0641-01**			Prepared & Analyzed: 08/26/2025						
Aluminum	0.24	0.040	mg/L	0.1000	0.13	107	70-130			
Antimony	0.066	0.00050	mg/L	0.05000	0.000044	132	70-130			
Arsenic	0.070	0.00050	mg/L	0.05000	0.0038	132	70-130			M1
Barium	0.099	0.00050	mg/L	0.05000	0.033	132	70-130			
Beryllium	0.061	0.00025	mg/L	0.05000	0.000014	123	70-130			
Cadmium	0.060	0.00025	mg/L	0.05000	ND	120	70-130			
Chromium	0.065	0.00050	mg/L	0.05000	0.0043	121	70-130			
Cobalt	0.059	0.00025	mg/L	0.05000	0.00028	118	70-130			
Copper	0.066	0.00050	mg/L	0.05000	0.012	109	70-130			
Lead	0.064	0.00050	mg/L	0.05000	0.00016	128	70-130			
Manganese	0.098	0.00025	mg/L	0.05000	0.038	119	70-130			
Molybdenum	0.067	0.00025	mg/L	0.05000	0.0012	131	70-130			M1
Nickel	0.058	0.00050	mg/L	0.05000	0.0013	114	70-130			
Selenium	0.067	0.0025	mg/L	0.05000	0.00072	132	70-130			M1
Thallium	0.057	0.00050	mg/L	0.05000	ND	114	70-130			
Uranium	0.072	0.00050	mg/L	0.05000	0.0022	140	70-130			M1
Zinc	0.10	0.040	mg/L	0.1000	ND	103	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Date Received: 08/19/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508275 - EPA 200.8 (5.4)										
Matrix Spike (2508275-MS2)		**Source: 25H0641-02**		Prepared & Analyzed: 08/26/2025						
Aluminum	0.69	0.040	mg/L	0.1000	0.58	110	70-130			
Antimony	0.060	0.00050	mg/L	0.05000	0.00022	120	70-130			
Arsenic	0.063	0.00050	mg/L	0.05000	0.00073	125	70-130			
Barium	0.52	0.00050	mg/L	0.05000	0.53	NR	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.0017	100	70-130			
Cadmium	0.053	0.00025	mg/L	0.05000	0.0017	102	70-130			
Chromium	0.060	0.00050	mg/L	0.05000	0.0022	115	70-130			
Cobalt	0.10	0.00025	mg/L	0.05000	0.047	105	70-130			
Copper	0.076	0.00050	mg/L	0.05000	0.029	94	70-130			
Lead	0.063	0.00050	mg/L	0.05000	0.00014	127	70-130			
Manganese	ND	0.00025	mg/L	0.05000	ND		70-130			
Molybdenum	0.067	0.00025	mg/L	0.05000	0.0016	130	70-130			
Nickel	0.13	0.00050	mg/L	0.05000	0.077	98	70-130			
Selenium	0.058	0.0025	mg/L	0.05000	0.0022	111	70-130			
Thallium	0.057	0.00050	mg/L	0.05000	0.00011	114	70-130			
Uranium	0.070	0.00050	mg/L	0.05000	0.0010	139	70-130			M1
Zinc	0.22	0.040	mg/L	0.1000	0.14	82	70-130			
Batch 2508312 - E200.8 (5.4)										
Blank (2508312-BLK1)				Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	ND	0.00050	mg/L							
LCS (2508312-BS1)				Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115			
LCS Dup (2508312-BSD1)				Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115	0.2	20	
Matrix Spike (2508312-MS1)		**Source: 25H0459-03**		Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	0.072	0.00050	mg/L	0.05000	0.0042	136	70-130			
Matrix Spike (2508312-MS2)		**Source: 25H0459-04**		Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	0.073	0.00050	mg/L	0.05000	0.0040	138	70-130			
Batch 2508322 - E200.7 (4.4)										
Blank (2508322-BLK1)				Prepared & Analyzed: 09/03/2025						
Iron	ND	0.30	mg/L							
LCS (2508322-BS1)				Prepared & Analyzed: 09/03/2025						
Iron	0.99	0.30	mg/L	1.000		99	85-115			
LCS Dup (2508322-BSD1)				Prepared & Analyzed: 09/03/2025						
Iron	1.0	0.30	mg/L	1.000		100	85-115	1	20	
Matrix Spike (2508322-MS1)		**Source: 25H0497-01**		Prepared & Analyzed: 09/03/2025						
Iron	0.97	0.30	mg/L	1.000	ND	97	70-130			
Matrix Spike (2508322-MS2)		**Source: 25H0497-02**		Prepared & Analyzed: 09/03/2025						
Iron	0.98	0.30	mg/L	1.000	ND	98	70-130			
Batch 2509047 - EPA 200.7 (4.4)										

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Blank (2509047-BLK1)				Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.91	5.0	mg/L							
LCS (2509047-BS1)				Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	10	4.0	mg/L	10.00		103	85-115			
Magnesium	10	3.0	mg/L	10.00		102	85-115			
Potassium	10	5.0	mg/L	10.00		103	85-115			
Sodium	10	5.0	mg/L	10.00		105	85-115			
LCS Dup (2509047-BSD1)				Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	11	4.0	mg/L	10.00		107	85-115	4	20	
Magnesium	11	3.0	mg/L	10.00		106	85-115	4	20	
Potassium	11	5.0	mg/L	10.00		107	85-115	4	20	
Sodium	11	5.0	mg/L	10.00		109	85-115	4	20	
Matrix Spike (2509047-MS1)		**Source: 25H0492-01**		Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	12	4.0	mg/L	10.00	3.0	90	70-130			
Magnesium	9.0	3.0	mg/L	10.00	0.16	89	70-130			
Potassium	10	5.0	mg/L	10.00	1.0	94	70-130			
Sodium	98	5.0	mg/L	10.00	90	74	70-130			
Matrix Spike (2509047-MS2)		**Source: 25H0492-02**		Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	140	4.0	mg/L	10.00	130	41	70-130			M2
Magnesium	40	3.0	mg/L	10.00	32	87	70-130			
Potassium	16	5.0	mg/L	10.00	5.8	102	70-130			
Sodium	130	5.0	mg/L	10.00	120	56	70-130			M2
Batch 2509055 - EPA 245.1										
Blank (2509055-BLK1)				Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	ND	0.0010	mg/L							
LCS (2509055-BS1)				Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0048	0.0010	mg/L	0.005000		96	85-115			
LCS Dup (2509055-BSD1)				Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0044	0.0010	mg/L	0.005000		88	85-115	8	20	
Matrix Spike (2509055-MS1)		**Source: 25H0524-01**		Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	92	70-130			
Matrix Spike (2509055-MS2)		**Source: 25H0524-02**		Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0047	0.0010	mg/L	0.005000	ND	93	70-130			
Matrix Spike Dup (2509055-MSD1)		**Source: 25H0524-01**		Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	92	70-130	0.1	20	
Matrix Spike Dup (2509055-MSD2)		**Source: 25H0524-02**		Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	93	70-130	0.5	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508214 - SM4500-H+ B										
Duplicate (2508214-DUP1)	**Source: 25H0538-01**			Prepared & Analyzed: 08/21/2025						
pH (pH Units)	7.7		-		7.7			0	200	
Temperature (°C)	25		-		25			0.4	200	
Duplicate (2508214-DUP2)	**Source: 25G0878-01RE2**			Prepared & Analyzed: 08/21/2025						
pH (pH Units)	7.0		-		7.0			0	200	
Temperature (°C)	25		-		25			0.4	200	
Batch 2508258 - SM2540 C										
Duplicate (2508258-DUP1)	**Source: 25H0500-01**			Prepared: 08/26/2025 Analyzed: 09/02/2025						
Total Dissolved Solids (Residue, Filterable)	840	20	mg/L		840			0.8	5	
Duplicate (2508258-DUP2)	**Source: 25H0509-01**			Prepared: 08/26/2025 Analyzed: 09/02/2025						
Total Dissolved Solids (Residue, Filterable)	160	20	mg/L		150			3	5	
Batch 2508273 - SM4500-CN BE										
Blank (2508273-BLK1)				Prepared & Analyzed: 08/27/2025						
Cyanide	ND	0.10	mg/L							
LCS (2508273-BS1)				Prepared & Analyzed: 08/27/2025						
Cyanide	2.0	0.10	mg/L	2.000		102	85-115			
LCS Dup (2508273-BSD1)				Prepared & Analyzed: 08/27/2025						
Cyanide	2.1	0.10	mg/L	2.000		106	85-115	4	15	
Matrix Spike (2508273-MS1)	**Source: 25H0684-01**			Prepared & Analyzed: 08/27/2025						
Cyanide	2.3	0.10	mg/L	2.000	ND	116	80-120			
Matrix Spike Dup (2508273-MSD1)	**Source: 25H0684-01**			Prepared & Analyzed: 08/27/2025						
Cyanide	2.2	0.10	mg/L	2.000	ND	111	80-120	4	15	
Batch 2508303 - SM2320B										
Blank (2508303-BLK1)				Prepared & Analyzed: 08/29/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2508303-BS1)				Prepared & Analyzed: 08/29/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110			
LCS Dup (2508303-BSD1)				Prepared & Analyzed: 08/29/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		96	90-110	0.8	10	
Matrix Spike (2508303-MS1)	**Source: 25H0510-01**			Prepared & Analyzed: 08/29/2025						
Alkalinity, Total (As CaCO3)	320	2.0	mg/L	250.0	78	96	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508303 - SM2320B										
Matrix Spike Dup (2508303-MSD1)		**Source: 25H0510-01**		Prepared & Analyzed: 08/29/2025						
Alkalinity, Total (As CaCO3)	320	2.0	mg/L	250.0	78	98	70-130	1	10	
Batch 2509019 - SM 4500-NH3 B, F										
Blank (2509019-BLK1)				Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2509019-BS1)				Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		108	90-110			
LCS Dup (2509019-BSD1)				Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	2.8	0.50	mg/L	2.500		110	90-110	3	10	
Matrix Spike (2509019-MS1)		**Source: 25H0485-01**		Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2509019-MSD1)		**Source: 25H0485-01**		Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2
Batch 2509036 - EPA 351.2										
Blank (2509036-BLK1)				Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2509036-BS1)				Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000		98	80-120			
LCS Dup (2509036-BSD1)				Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		99	80-120	1	20	
Matrix Spike (2509036-MS1)		**Source: 25H0524-01**		Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.5	0.50	mg/L	5.000	0.38	82	80-120			
Matrix Spike (2509036-MS2)		**Source: 25H0697-02**		Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000	ND	98	80-120			
Matrix Spike Dup (2509036-MSD1)		**Source: 25H0524-01**		Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.8	0.50	mg/L	5.000	0.38	88	80-120	6	20	
Matrix Spike Dup (2509036-MSD2)		**Source: 25H0697-02**		Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.7	0.50	mg/L	5.000	ND	95	80-120	3	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508292 - SW8260B										
Blank (2508292-BLK1)				Prepared & Analyzed: 08/28/2025						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Dibromofluoromethane	*24.1*		*ug/L*	*25.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*23.4*		*ug/L*	*25.00*		*93*	*70-130*			
LCS (2508292-BS1)				Prepared & Analyzed: 08/28/2025						
1,1-Dichloroethene	29		ug/L	25.00		117	70-130			
Benzene	26		ug/L	25.00		103	70-130			
Chlorobenzene	26		ug/L	25.00		104	70-130			
Toluene	26		ug/L	25.00		105	70-130			
Trichloroethene	27		ug/L	25.00		106	70-130			
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Dibromofluoromethane	*22.7*		*ug/L*	*25.00*		*91*	*70-130*			
Surrogate: Toluene-d8	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			
LCS Dup (2508292-BSD1)				Prepared & Analyzed: 08/28/2025						
1,1-Dichloroethene	27		ug/L	25.00		108	70-130	7	30	
Benzene	25		ug/L	25.00		98	70-130	5	30	
Chlorobenzene	24		ug/L	25.00		97	70-130	7	30	
Toluene	24		ug/L	25.00		98	70-130	7	30	
Trichloroethene	25		ug/L	25.00		100	70-130	6	30	
Surrogate: 4-Bromofluorobenzene	*23.2*		*ug/L*	*25.00*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*23.3*		*ug/L*	*25.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*22.7*		*ug/L*	*25.00*		*91*	*70-130*			
Matrix Spike (2508292-MS1)		**Source: 25H0416-06**		Prepared & Analyzed: 08/28/2025						
1,1-Dichloroethene	28		ug/L	25.00	0.020	110	70-130			
Benzene	25		ug/L	25.00	0.010	100	70-130			
Chlorobenzene	24		ug/L	25.00	0.010	96	70-130			
Toluene	24		ug/L	25.00	0.010	95	70-130			
Trichloroethene	24		ug/L	25.00	0.010	96	70-130			
Surrogate: 4-Bromofluorobenzene	*21.7*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Dibromofluoromethane	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			
Surrogate: Toluene-d8	*21.6*		*ug/L*	*25.00*		*86*	*70-130*			
Matrix Spike (2508292-MS2)		**Source: 25H0461-05**		Prepared: 08/28/2025 Analyzed: 08/29/2025						
1,1-Dichloroethene	29		ug/L	25.00	1.2	111	70-130			
Benzene	26		ug/L	25.00	0.010	102	70-130			
Chlorobenzene	24		ug/L	25.00	0.0	96	70-130			
Toluene	24		ug/L	25.00	0.0	96	70-130			
Trichloroethene	36		ug/L	25.00	11	100	70-130			
Surrogate: 4-Bromofluorobenzene	*22.7*		*ug/L*	*25.00*		*91*	*70-130*			
Surrogate: Dibromofluoromethane	*23.7*		*ug/L*	*25.00*		*95*	*70-130*			
Surrogate: Toluene-d8	*22.1*		*ug/L*	*25.00*		*88*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508292 - SW8260B										
Matrix Spike Dup (2508292-MSD1)	**Source: 25H0416-06**			Prepared & Analyzed: 08/28/2025						
1,1-Dichloroethene	28		ug/L	25.00	0.020	111	70-130	0.2	30	
Benzene	25		ug/L	25.00	0.010	101	70-130	0.9	30	
Chlorobenzene	25		ug/L	25.00	0.010	99	70-130	3	30	
Toluene	25		ug/L	25.00	0.010	98	70-130	3	30	
Trichloroethene	25		ug/L	25.00	0.010	99	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*22.4*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			
Surrogate: Toluene-d8	*22.0*		*ug/L*	*25.00*		*88*	*70-130*			
Matrix Spike Dup (2508292-MSD2)	**Source: 25H0461-05**			Prepared: 08/28/2025 Analyzed: 08/29/2025						
1,1-Dichloroethene	29		ug/L	25.00	1.2	109	70-130	1	30	
Benzene	25		ug/L	25.00	0.010	101	70-130	2	30	
Chlorobenzene	24		ug/L	25.00	0.0	98	70-130	2	30	
Toluene	24		ug/L	25.00	0.0	97	70-130	1	30	
Trichloroethene	36		ug/L	25.00	11	102	70-130	1	30	
Surrogate: 4-Bromofluorobenzene	*21.8*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Dibromofluoromethane	*22.5*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Toluene-d8	*21.6*		*ug/L*	*25.00*		*86*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508204 - EPA 300.0 (2.1)										
Blank (2508204-BLK1)				Prepared & Analyzed: 08/20/2025						
Chloride	1.5	1.0	mg/L							B1, B7
Fluoride	0.14	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2508204-BS1)				Prepared & Analyzed: 08/20/2025						
Chloride	12	1.0	mg/L	12.50		97	90-110			
Fluoride	2.0	0.50	mg/L	2.000		99	90-110			
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		97	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		95	90-110			
Sulfate	13	5.0	mg/L	12.50		102	90-110			
LCS Dup (2508204-BSD1)				Prepared & Analyzed: 08/20/2025						
Chloride	12	1.0	mg/L	12.50		97	90-110	0.08	10	
Fluoride	2.0	0.50	mg/L	2.000		100	90-110	1	10	
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		97	90-110	0.1	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		96	90-110	0.2	10	
Sulfate	13	5.0	mg/L	12.50		102	90-110	0.07	10	
Matrix Spike (2508204-MS1)	**Source: 25H0524-04**			Prepared: 08/20/2025 Analyzed: 09/03/2025						
Chloride	12	1.0	mg/L	12.50	1.3	88	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	101	80-120			
Nitrogen, Nitrate (As N)	5.1	0.50	mg/L	5.000	0.23	97	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	95	80-120			
Sulfate	13	5.0	mg/L	12.50	3.1	81	80-120			
Matrix Spike (2508204-MS2)	**Source: 25H0538-01**			Prepared: 08/20/2025 Analyzed: 09/03/2025						
Chloride	14	1.0	mg/L	12.50	1.3	100	80-120			
Fluoride	2.3	0.50	mg/L	2.000	0.48	89	80-120			
Nitrogen, Nitrate (As N)	6.2	0.50	mg/L	5.000	1.2	101	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	0.097	93	80-120			
Sulfate	18	5.0	mg/L	12.50	7.3	89	80-120			
Matrix Spike (2508204-MS3)	**Source: 25H0406-06RE1**			Prepared: 08/20/2025 Analyzed: 09/03/2025						
Chloride	590	10	mg/L	125.0	450	111	80-120			
Fluoride	20	5.0	mg/L	20.00		99	80-120			
Nitrogen, Nitrate (As N)	65	5.0	mg/L	50.00	14	102	80-120			
Nitrogen, Nitrite (As N)	23	1.0	mg/L	25.00	ND	94	80-120			
Sulfate	350	50	mg/L	125.0	240	88	80-120			
Matrix Spike (2508204-MS4)	**Source: 25H0406-07RE1**			Prepared: 08/20/2025 Analyzed: 09/03/2025						
Chloride	400	10	mg/L	125.0	260	109	80-120			
Fluoride	20	5.0	mg/L	20.00		98	80-120			
Nitrogen, Nitrate (As N)	59	5.0	mg/L	50.00	9.1	101	80-120			
Nitrogen, Nitrite (As N)	24	1.0	mg/L	25.00	ND	95	80-120			
Sulfate	290	50	mg/L	125.0	180	86	80-120			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0524
Date Received: 08/19/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508204 - EPA 300.0 (2.1)										
Matrix Spike Dup (2508204-MSD1)	**Source: 25H0524-04**			Prepared: 08/20/2025 Analyzed: 09/03/2025						
Chloride	12	1.0	mg/L	12.50	1.3	88	80-120	0.3	10	
Fluoride	2.0	0.50	mg/L	2.000	ND	101	80-120	0.9	10	
Nitrogen, Nitrate (As N)	5.1	0.50	mg/L	5.000	0.23	97	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	95	80-120	0.1	10	
Sulfate	13	5.0	mg/L	12.50	3.1	81	80-120	0.3	10	
Matrix Spike Dup (2508204-MSD2)	**Source: 25H0538-01**			Prepared: 08/20/2025 Analyzed: 09/03/2025						
Chloride	14	1.0	mg/L	12.50	1.3	100	80-120	0.03	10	
Fluoride	2.2	0.50	mg/L	2.000	0.48	88	80-120	0.6	10	
Nitrogen, Nitrate (As N)	6.3	0.50	mg/L	5.000	1.2	101	80-120	0.1	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	0.097	94	80-120	0.2	10	
Sulfate	18	5.0	mg/L	12.50	7.3	89	80-120	0.1	10	
Matrix Spike Dup (2508204-MSD3)	**Source: 25H0406-06RE1**			Prepared: 08/20/2025 Analyzed: 09/03/2025						
Chloride	590	10	mg/L	125.0	450	112	80-120	0.09	10	
Fluoride	20	5.0	mg/L	20.00		99	80-120	0.04	10	
Nitrogen, Nitrate (As N)	65	5.0	mg/L	50.00	14	102	80-120	0.06	10	
Nitrogen, Nitrite (As N)	23	1.0	mg/L	25.00	ND	94	80-120	0.04	10	
Sulfate	350	50	mg/L	125.0	240	87	80-120	0.1	10	
Matrix Spike Dup (2508204-MSD4)	**Source: 25H0406-07RE1**			Prepared: 08/20/2025 Analyzed: 09/03/2025						
Chloride	400	10	mg/L	125.0	260	108	80-120	0.2	10	
Fluoride	20	5.0	mg/L	20.00		98	80-120	0.8	10	
Nitrogen, Nitrate (As N)	59	5.0	mg/L	50.00	9.1	100	80-120	0.5	10	
Nitrogen, Nitrite (As N)	24	1.0	mg/L	25.00	ND	95	80-120	0.1	10	
Sulfate	290	50	mg/L	125.0	180	86	80-120	0.2	10	

2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE _____ PAGE _____ OF _____

PROJECT NAME _____ # _____
CONTACT NAME _____
COMPANY NAME _____
ADDRESS _____
ZIP _____ PHONE _____ EMAIL _____
SAMPLER'S SIGNATURE _____

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	Base Neutrals 625/8270 / Acids	Volatile Organics 624 / 524.2	TPHMS	8260 / HAA5	Chloride	Sulfate	Resistivity	NO3	NO2	TKN	TPH	1664	Oil & Grease	VOA	TCLP Analysis	Semi-VOA	Part.	TCLP	Metals	Dissolved	Total	RCRA	Total	Cyanide	Amen.	WAD	SDWA-INORGANICS	PRIMARY	SECONDARY	MRN	Coliform	PH	FECAL	Cl	COD	Turb	TSS	BOD	SEE ATTACHED			
[illegible]	[illegible]	[illegible]																																								X				
[illegible]	[illegible]	[illegible]																																								X				
[illegible]	[illegible]	[illegible]																																								X				
[illegible]	[illegible]	[illegible]																																								X				
																																										X				

1. RELINQUISHED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

2. RECEIVED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

TURNAROUND REQUIREMENTS:
___ Standard (approx. 10 days)*
___ Next Day ___ 2 Day ___ 5 Day*
___ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
___ I. Routine Report
___ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
___ III. Data Validation Report (Includes All Raw Data) Add 10% to invoice

INVOICE INFORMATION:
Account ___ Y ___ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers _____
Temperature _____
☐ Wet Ice
☐ Ambient
☐ Blue Ice
IR # _____

3. RELINQUISHED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

4. RECEIVED BY:
Signature _____
Printed Name _____
Firm TURNER LABORATORIES, INC.
Date/Time _____

* LEGEND
SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☐
COC / Labels Agree ☐

Preservation Confirmation ☐
Appropriate Head Space ☐
Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 19, 2025
Sample Received: August 21, 2025
Analysis Completed: September 12, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25H0524-01	15.7 ± 0.9	12.2 ± 1.2	3.5 ± 1.5	9.5 ± 1.6	< 0.5	1.5 ± 0.3	1.5 ± 0.3

Analysis Date/Time	8/28/2025	8/27/2025	8/28/2025	9/4/2025	8/29/2025	8/29/2025	8/29/2025
	21:07	16:34	21:07	3:53	11:43	11:43	11:43

September 12, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 19, 2025
Sample Received: August 21, 2025
Uranium Analysis Date: August 27, 2025
Uranium Analysis Time: 16:34

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25H0524-01	5.1 ± 0.5	0.236 ± 0.004	6.9 ± 0.6	12.2 ± 1.2	Activity (pCi/L)
	15.1 ± 1.6	0.110 ± 0.002	0.00111 ± 0.00010	15.2 ± 1.6	Content (µg/L)
	Comments:				

September 12, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 19, 2025 (Sample Date) 10:30 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/28/2025	3.5 ± 1.5		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/28/2025	15.7 ± 0.9		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	8/27/2025	15.2 ± 1.6	µg/L	
			Uranium 234	4007	8/27/2025	0.00111 ± 0.00010		
			Uranium 235	4008	8/27/2025	0.110 ± 0.002		
			Uranium 238	4009	8/27/2025	15.1 ± 1.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/29/2025	1.5 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/29/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/29/2025	1.5 ± 0.3		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

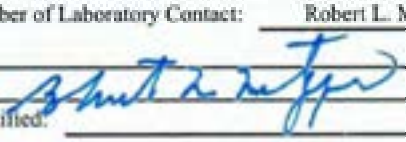
Specimen Number: RSE77879

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0524-01

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 19, 2025 (Sample Date) 10:30 (Sample Time) (24 hour clock) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/4/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

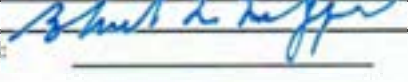
Specimen Number: RSE77879

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0524-01

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 19, 2025
Sample Received: August 21, 2025
Analysis Completed: September 12, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25H0524-02	16.6 ± 1.0	11.3 ± 1.1	5.3 ± 1.5	12.0 ± 1.6	< 0.5	0.9 ± 0.3	0.9 ± 0.3

Analysis Date/Time	8/28/2025	8/28/2025	8/28/2025	9/12/2025	8/29/2025	8/29/2025	8/29/2025
	22:47	11:26	11:26	3:33	15:44	15:44	15:44

September 12, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 19, 2025
Sample Received: August 21, 2025
Uranium Analysis Date: August 28, 2025
Uranium Analysis Time: 11:26

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25H0524-02	5.1 ± 0.5	0.239 ± 0.004	5.9 ± 0.6	11.3 ± 1.1	Activity (pCi/L)
	15.3 ± 1.6	0.112 ± 0.002	0.00095 ± 0.00010	15.4 ± 1.6	Content (µg/L)
	Comments:				

September 12, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 19, 2025 (Sample Date) 11:42 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/28/2025	5.3 ± 1.5		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/28/2025	16.6 ± 1.0		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	8/28/2025	15.4 ± 1.6	µg/L	
			Uranium 234	4007	8/28/2025	0.00095 ± 0.00010		
			Uranium 235	4008	8/28/2025	0.112 ± 0.002		
			Uranium 238	4009	8/28/2025	15.3 ± 1.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/29/2025	0.9 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/29/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/29/2025	0.9 ± 0.3		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

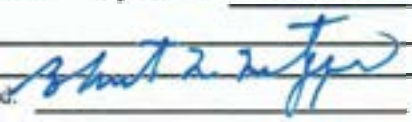
Specimen Number: RSE77880

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0524-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 19, 2025 (Sample Date) 11:42 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

Combined Uranium must be reported in micrograms per liter

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/12/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77880

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0524-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 19, 2025
Sample Received: August 21, 2025
Analysis Completed: September 12, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25H0524-03	17.1 ± 1.0	16.4 ± 1.4	0.7 ± 1.7	13.3 ± 1.6	< 0.5	3.5 ± 0.4	3.5 ± 0.4

Analysis Date/Time	8/27/2025	8/28/2025	8/28/2025	9/12/2025	8/29/2025	8/29/2025	8/29/2025
	23:24	11:40	11:40	10:14	19:45	19:45	19:45

September 12, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 19, 2025
Sample Received: August 21, 2025
Uranium Analysis Date: August 28, 2025
Uranium Analysis Time: 11:40

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25H0524-03	5.4 ± 0.6	0.252 ± 0.004	10.8 ± 0.8	16.4 ± 1.4	Activity (pCi/L)
	16.1 ± 1.7	0.118 ± 0.002	0.00173 ± 0.00013	16.2 ± 1.7	Content (µg/L)
	Comments:				

September 12, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 19, 2025 (Sample Date) 13:44 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/28/2025	0.7 ± 1.7		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/27/2025	17.1 ± 1.0		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	8/28/2025	16.2 ± 1.7	µg/L	
			Uranium 234	4007	8/28/2025	0.00173 ± 0.00013		
			Uranium 235	4008	8/28/2025	0.118 ± 0.002		
			Uranium 238	4009	8/28/2025	16.1 ± 1.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/29/2025	3.5 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/29/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/29/2025	3.5 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

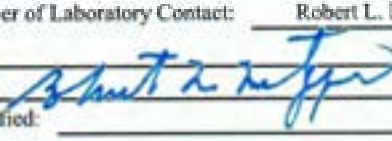
Specimen Number: RSE77881

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0524-03

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 19, 2025 (Sample Date) 13:44 (24 hour clock) (Sample Time) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/12/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77881

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0524-03

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 19, 2025
Sample Received: August 21, 2025
Analysis Completed: September 12, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25H0524-04	< 0.5	< 0.4	< 0.5	< 2.3	< 0.6	< 0.8	< 0.8

Analysis Date/Time	8/29/2025	8/28/2025	8/29/2025	9/6/2025	8/29/2025	8/29/2025	8/29/2025
	00:27	11:55	00:27	2:39	23:45	23:45	23:45

September 12, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 19, 2025
Sample Received: August 21, 2025
Uranium Analysis Date: August 28, 2025
Uranium Analysis Time: 11:55

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25H0524-04	< 0.3	< 0.002	< 0.3	< 0.4	Activity (pCi/L)
	< 0.8	< 0.001	< 0.00005	< 0.8	Content (µg/L)
	Comments:				

September 12, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 19, 2025 (Sample Date) 12:19 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	8/29/2025	< 0.5		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/29/2025	< 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	8/28/2025	< 0.8	µg/L	
			Uranium 234	4007	8/28/2025	< 0.00005		
			Uranium 235	4008	8/28/2025	< 0.001		
			Uranium 238	4009	8/28/2025	< 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	8/29/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	8/29/2025	< 0.6		
GammaRay HPGE		1 pCi/L	Radium 228	4030	8/29/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77882

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0524-04

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 19, 2025 (Sample Date) 12:19 (Sample Time) (24 hour clock)

_____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number)

_____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/6/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

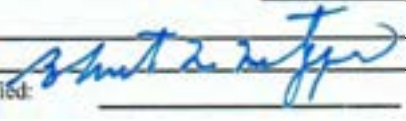
Specimen Number: RSE77882

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0524-04

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25H0524

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25H0524-01 Non-Potable Wa Sampled:08/19/2025 10:30			
Radiochemistry, Gross Alpha Beta	02/15/2026 10:30		
Radiochemistry, Uranium	02/15/2026 10:30		
Radiochemistry, Radium 226/228	09/18/2025 10:30		77879
Containers Supplied:			
Sample ID: 25H0524-02 Non-Potable Wa Sampled:08/19/2025 11:42			
Radiochemistry, Gross Alpha Beta	02/15/2026 11:42		
Radiochemistry, Uranium	02/15/2026 11:42		
Radiochemistry, Radium 226/228	09/18/2025 11:42		77880
Containers Supplied:			
Sample ID: 25H0524-03 Non-Potable Wa Sampled:08/19/2025 13:44			
Radiochemistry, Uranium	02/15/2026 13:44		
Radiochemistry, Radium 226/228	09/18/2025 13:44		
Radiochemistry, Gross Alpha Beta	02/15/2026 13:44		77881
Containers Supplied:			
Sample ID: 25H0524-04 Non-Potable Wa Sampled:08/19/2025 12:19			
Radiochemistry, Uranium	02/15/2026 12:19		
Radiochemistry, Radium 226/228	09/18/2025 12:19		
Radiochemistry, Gross Alpha Beta	02/15/2026 12:19		77882
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	8/20/25 1600	UPS	8/20/25 1600
Released By	Date	Received By	Date
		MB	8-21-25 13:15

September 18, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25H0579
Order Name: Groundwater
200999530000 619033

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 2 sample(s) on 08/20/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Date Received: 08/20/2025

Order: Groundwater 200999530000 619033

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25H0579-01	POC - 03	Ground Water	08/20/2025 0925
25H0579-02	POC - 04	Ground Water	08/20/2025 1308

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Date Received: 08/20/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

B7	Target analyte detected in method blank at or above the method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.
E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Lab Sample ID: 25H0579-01

Client Sample ID: POC - 03
Collection Date/Time: 08/20/2025 0925
Matrix: Ground Water
Order Name: Groundwater 200999530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.5		1.1		mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.5		0.60		mg/L	1	08/21/2025 1219	08/21/2025 1329	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.039	0.020	0.30	E4	mg/L	1	08/29/2025 1734	09/08/2025 2015	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0099		0.0010		mg/L	2	08/31/2025 1302	09/08/2025 1426	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	110		4.0		mg/L	1	09/01/2025 0800	09/04/2025 1659	RAR
Magnesium	16		3.0		mg/L	1	09/01/2025 0800	09/04/2025 1702	RAR
Potassium	5.0		5.0		mg/L	1	09/01/2025 0800	09/04/2025 1659	RAR
Sodium	50		5.0		mg/L	1	09/01/2025 0800	09/04/2025 1702	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.015	0.013	0.040	E4	mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Antimony	0.00091		0.00050		mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Arsenic	0.0078		0.00050		mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Barium	0.076		0.00050		mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Chromium	0.00096		0.00050		mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Cobalt	0.00025	0.000010	0.00025	E4	mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Copper	0.0013		0.00050		mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Manganese	0.049		0.00025		mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Molybdenum	0.22		0.00025		mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Nickel	0.0024		0.00050		mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Selenium	0.0045		0.0025		mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
Uranium	0.0096		0.00050		mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Lab Sample ID: 25H0579-01

Client Sample ID: POC - 03
Collection Date/Time: 08/20/2025 0925
Matrix: Ground Water
Order Name: Groundwater 200999530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.032	0.0023	0.040	E4	mg/L	1	08/26/2025 0800	09/04/2025 1638	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	09/05/2025 0829	09/07/2025 1300	RAR
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	30		5.0	B7	mg/L	5	08/21/2025 1219	09/05/2025 2357	ES
Fluoride	1.4		0.50		mg/L	1	08/21/2025 1219	08/21/2025 1329	ES
Nitrogen, Nitrate (As N)	1.5		0.50		mg/L	1	08/21/2025 1219	08/21/2025 1329	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	08/21/2025 1219	08/21/2025 1329	ES
Sulfate	210		25		mg/L	5	08/21/2025 1219	09/01/2025 1715	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	09/03/2025 1230	09/03/2025 1532	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	240		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Total (As CaCO3)	240		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	650		20		mg/L	1	08/27/2025 1022	09/03/2025 1001	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/27/2025 1030	08/27/2025 1507	ES
pH-SM4500-H+ B									

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Lab Sample ID: 25H0579-01

Client Sample ID: POC - 03
Collection Date/Time: 08/20/2025 0925
Matrix: Ground Water
Order Name: Groundwater 200999530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.5			H5	-	1	09/04/2025 1405	09/04/2025 1420	IM
Temperature (°C)	24			H5	-	1	09/04/2025 1405	09/04/2025 1420	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0829	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	08/28/2025 1122	08/29/2025 0829	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0829	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0829	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	08/28/2025 1122	08/29/2025 0829	KP
Surr: 4-Bromofluorobenzene	*88*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 829*	*KP*
Surr: Dibromofluoromethane	*93*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 829*	*KP*
Surr: Toluene-d8	*90*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 829*	*KP*

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Lab Sample ID: 25H0579-02

Client Sample ID: POC - 04
Collection Date/Time: 08/20/2025 1308
Matrix: Ground Water
Order Name: Groundwater 200999530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.34		0.60	J	mg/L	1	08/21/2025 1219	08/21/2025 1349	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.25	0.020	0.30	E4	mg/L	1	08/29/2025 1734	09/08/2025 2018	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0097		0.0010		mg/L	2	08/31/2025 1302	09/08/2025 1429	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	50		40		mg/L	10	09/01/2025 1659	09/10/2025 1447	RAR
Magnesium	16		30		mg/L	10	09/01/2025 1659	09/10/2025 1447	RAR
Potassium	5.0		50		mg/L	10	09/01/2025 1659	09/10/2025 1447	RAR
Sodium	57		50		mg/L	10	09/01/2025 1659	09/10/2025 1447	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.028	0.013	0.040	E4	mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Antimony	0.0010		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Arsenic	0.0050		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Barium	0.068		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Beryllium	0.000041	0.000013	0.00025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Chromium	0.00059		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Cobalt	0.00040		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Copper	0.0050		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Lead	0.00011	0.000057	0.00050	E4	mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Manganese	0.69		0.00050		mg/L	2	08/29/2025 1417	09/18/2025 1155	RAR
Molybdenum	0.11		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Nickel	0.0016		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Selenium	0.0015	0.00025	0.0025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Thallium	0.000044	0.000023	0.00050	E4	mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Uranium	0.013		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR
Zinc	0.015	0.0023	0.040	E4	mg/L	1	08/29/2025 1417	09/16/2025 1643	RAR

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Lab Sample ID: 25H0579-02

Client Sample ID: POC - 04
Collection Date/Time: 08/20/2025 1308
Matrix: Ground Water
Order Name: Groundwater 200999530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	09/05/2025 0829	09/07/2025 1303	RAR
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	23		1.0		mg/L	1	08/21/2025 1219	09/10/2025 0126	ES
Fluoride	2.3		0.50		mg/L	1	08/21/2025 1219	08/21/2025 1349	ES
Nitrogen, Nitrate (As N)	0.28	0.18	0.50	E4	mg/L	1	08/21/2025 1219	08/21/2025 1349	ES
Nitrogen, Nitrite (As N)	0.057	0.014	0.10	E4	mg/L	1	08/21/2025 1219	08/21/2025 1349	ES
Sulfate	62		5.0		mg/L	1	08/21/2025 1219	08/21/2025 1349	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.36	0.30	0.50	E4	mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	09/03/2025 1230	09/03/2025 1532	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	240		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Total (As CaCO3)	240		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	390		20		mg/L	1	08/26/2025 0853	09/02/2025 0848	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/27/2025 1030	08/27/2025 1507	ES
pH-SM4500-H+ B									
pH (pH Units)	7.6			H5	-	1	09/04/2025 1405	09/04/2025 1422	IM
Temperature (°C)	24			H5	-	1	09/04/2025 1405	09/04/2025 1422	IM

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Lab Sample ID: 25H0579-02

Client Sample ID: POC - 04
Collection Date/Time: 08/20/2025 1308
Matrix: Ground Water
Order Name: Groundwater 200999530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0909	KP
Carbon disulfide	0.14	0.11	2.0	E4	ug/L	1	08/28/2025 1122	08/29/2025 0909	KP
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0909	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	08/28/2025 1122	08/29/2025 0909	KP
Toluene	0.66		0.50		ug/L	1	08/28/2025 1122	08/29/2025 0909	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	08/28/2025 1122	08/29/2025 0909	KP
Surr: 4-Bromofluorobenzene	*85*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 909*	*KP*
Surr: Dibromofluoromethane	*89*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 909*	*KP*
Surr: Toluene-d8	*89*	*70-130*			*%REC*	*1*	*08/28/2025 1122*	*08/29/2025 909*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Date Received: 08/20/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508275 - EPA 200.8 (5.4)										
Blank (2508275-BLK1)				Prepared & Analyzed: 08/26/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.00014	0.00025	mg/L							
Molybdenum	0.000025	0.00025	mg/L							
Nickel	0.000073	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2508275-BS1)				Prepared & Analyzed: 08/26/2025						
Aluminum	0.11	0.040	mg/L	0.1000		105	85-115			
Antimony	0.051	0.00050	mg/L	0.05000		102	85-115			
Arsenic	0.053	0.00050	mg/L	0.05000		107	85-115			
Barium	0.050	0.00050	mg/L	0.05000		100	85-115			
Beryllium	0.052	0.00025	mg/L	0.05000		104	85-115			
Cadmium	0.053	0.00025	mg/L	0.05000		106	85-115			
Chromium	0.052	0.00050	mg/L	0.05000		104	85-115			
Cobalt	0.053	0.00025	mg/L	0.05000		105	85-115			
Copper	0.050	0.00050	mg/L	0.05000		101	85-115			
Lead	0.053	0.00050	mg/L	0.05000		105	85-115			
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115			
Molybdenum	0.053	0.00025	mg/L	0.05000		105	85-115			
Nickel	0.054	0.00050	mg/L	0.05000		107	85-115			
Selenium	0.054	0.0025	mg/L	0.05000		108	85-115			
Thallium	0.047	0.00050	mg/L	0.05000		94	85-115			
Uranium	0.053	0.00050	mg/L	0.05000		105	85-115			
Zinc	0.10	0.040	mg/L	0.1000		103	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Date Received: 08/20/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508275 - EPA 200.8 (5.4)										
LCS Dup (2508275-BSD1)				Prepared & Analyzed: 08/26/2025						
Aluminum	0.11	0.040	mg/L	0.1000		113	85-115	7	20	
Antimony	0.051	0.00050	mg/L	0.05000		101	85-115	0.4	20	
Arsenic	0.053	0.00050	mg/L	0.05000		107	85-115	0.4	20	
Barium	0.050	0.00050	mg/L	0.05000		101	85-115	0.5	20	
Beryllium	0.054	0.00025	mg/L	0.05000		108	85-115	3	20	
Cadmium	0.053	0.00025	mg/L	0.05000		106	85-115	0.4	20	
Chromium	0.053	0.00050	mg/L	0.05000		107	85-115	2	20	
Cobalt	0.053	0.00025	mg/L	0.05000		107	85-115	1	20	
Copper	0.051	0.00050	mg/L	0.05000		101	85-115	0.5	20	
Lead	0.054	0.00050	mg/L	0.05000		107	85-115	2	20	
Manganese	0.051	0.00025	mg/L	0.05000		103	85-115	0.6	20	
Molybdenum	0.053	0.00025	mg/L	0.05000		106	85-115	0.2	20	
Nickel	0.054	0.00050	mg/L	0.05000		109	85-115	1	20	
Selenium	0.053	0.0025	mg/L	0.05000		107	85-115	1	20	
Thallium	0.048	0.00050	mg/L	0.05000		95	85-115	0.9	20	
Uranium	0.054	0.00050	mg/L	0.05000		107	85-115	2	20	
Zinc	0.11	0.040	mg/L	0.1000		106	85-115	3	20	
Matrix Spike (2508275-MS1)		**Source: 25H0641-01**		Prepared & Analyzed: 08/26/2025						
Aluminum	0.24	0.040	mg/L	0.1000	0.13	107	70-130			
Antimony	0.066	0.00050	mg/L	0.05000	0.000044	132	70-130			
Arsenic	0.070	0.00050	mg/L	0.05000	0.0038	132	70-130			M1
Barium	0.099	0.00050	mg/L	0.05000	0.033	132	70-130			
Beryllium	0.061	0.00025	mg/L	0.05000	0.000014	123	70-130			
Cadmium	0.060	0.00025	mg/L	0.05000	ND	120	70-130			
Chromium	0.065	0.00050	mg/L	0.05000	0.0043	121	70-130			
Cobalt	0.059	0.00025	mg/L	0.05000	0.00028	118	70-130			
Copper	0.066	0.00050	mg/L	0.05000	0.012	109	70-130			
Lead	0.064	0.00050	mg/L	0.05000	0.00016	128	70-130			
Manganese	0.098	0.00025	mg/L	0.05000	0.038	119	70-130			
Molybdenum	0.067	0.00025	mg/L	0.05000	0.0012	131	70-130			M1
Nickel	0.058	0.00050	mg/L	0.05000	0.0013	114	70-130			
Selenium	0.067	0.0025	mg/L	0.05000	0.00072	132	70-130			M1
Thallium	0.057	0.00050	mg/L	0.05000	ND	114	70-130			
Uranium	0.072	0.00050	mg/L	0.05000	0.0022	140	70-130			M1
Zinc	0.10	0.040	mg/L	0.1000	ND	103	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Date Received: 08/20/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508275 - EPA 200.8 (5.4)										
Matrix Spike (2508275-MS2)		**Source: 25H0641-02**		Prepared & Analyzed: 08/26/2025						
Aluminum	0.69	0.040	mg/L	0.1000	0.58	110	70-130			
Antimony	0.060	0.00050	mg/L	0.05000	0.00022	120	70-130			
Arsenic	0.063	0.00050	mg/L	0.05000	0.00073	125	70-130			
Barium	0.52	0.00050	mg/L	0.05000	0.53	NR	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.0017	100	70-130			
Cadmium	0.053	0.00025	mg/L	0.05000	0.0017	102	70-130			
Chromium	0.060	0.00050	mg/L	0.05000	0.0022	115	70-130			
Cobalt	0.10	0.00025	mg/L	0.05000	0.047	105	70-130			
Copper	0.076	0.00050	mg/L	0.05000	0.029	94	70-130			
Lead	0.063	0.00050	mg/L	0.05000	0.00014	127	70-130			
Manganese	ND	0.00025	mg/L	0.05000	ND		70-130			
Molybdenum	0.067	0.00025	mg/L	0.05000	0.0016	130	70-130			
Nickel	0.13	0.00050	mg/L	0.05000	0.077	98	70-130			
Selenium	0.058	0.0025	mg/L	0.05000	0.0022	111	70-130			
Thallium	0.057	0.00050	mg/L	0.05000	0.00011	114	70-130			
Uranium	0.070	0.00050	mg/L	0.05000	0.0010	139	70-130			M1
Zinc	0.22	0.040	mg/L	0.1000	0.14	82	70-130			
Batch 2508312 - E200.8 (5.4)										
Blank (2508312-BLK1)				Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	ND	0.00050	mg/L							
LCS (2508312-BS1)				Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115			
LCS Dup (2508312-BSD1)				Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115	0.2	20	
Matrix Spike (2508312-MS1)		**Source: 25H0459-03**		Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	0.072	0.00050	mg/L	0.05000	0.0042	136	70-130			
Matrix Spike (2508312-MS2)		**Source: 25H0459-04**		Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	0.073	0.00050	mg/L	0.05000	0.0040	138	70-130			
Batch 2508317 - EPA 200.8 (5.4)										

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Date Received: 08/20/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508317 - EPA 200.8 (5.4)										
Blank (2508317-BLK1)				Prepared & Analyzed: 09/16/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	0.000036	0.00050	mg/L							
Beryllium	0.000027	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	0.000077	0.00050	mg/L							
Cobalt	0.000022	0.00025	mg/L							
Copper	0.00021	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.000084	0.00025	mg/L							
Molybdenum	0.000092	0.00025	mg/L							
Nickel	0.000016	0.00050	mg/L							
Selenium	0.00025	0.0025	mg/L							
Thallium	0.000031	0.00050	mg/L							
Uranium	0.000033	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2508317-BS1)				Prepared & Analyzed: 09/16/2025						
Aluminum	0.094	0.040	mg/L	0.1000		94	85-115			
Antimony	0.050	0.00050	mg/L	0.05000		100	85-115			
Arsenic	0.050	0.00050	mg/L	0.05000		99	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.050	0.00025	mg/L	0.05000		101	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		101	85-115			
Chromium	0.049	0.00050	mg/L	0.05000		98	85-115			
Cobalt	0.049	0.00025	mg/L	0.05000		98	85-115			
Copper	0.049	0.00050	mg/L	0.05000		98	85-115			
Lead	0.051	0.00050	mg/L	0.05000		102	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		101	85-115			
Molybdenum	0.050	0.00025	mg/L	0.05000		100	85-115			
Nickel	0.049	0.00050	mg/L	0.05000		97	85-115			
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115			
Uranium	0.050	0.00050	mg/L	0.05000		99	85-115			
Zinc	0.099	0.040	mg/L	0.1000		99	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Date Received: 08/20/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508317 - EPA 200.8 (5.4)										
LCS Dup (2508317-BSD1)				Prepared & Analyzed: 09/16/2025						
Aluminum	0.094	0.040	mg/L	0.1000		94	85-115	0.4	20	
Antimony	0.050	0.00050	mg/L	0.05000		99	85-115	0.5	20	
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115	0.7	20	
Barium	0.052	0.00050	mg/L	0.05000		103	85-115	0.7	20	
Beryllium	0.050	0.00025	mg/L	0.05000		100	85-115	0.7	20	
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115	0.7	20	
Chromium	0.049	0.00050	mg/L	0.05000		98	85-115	0.02	20	
Cobalt	0.049	0.00025	mg/L	0.05000		97	85-115	0.4	20	
Copper	0.049	0.00050	mg/L	0.05000		99	85-115	0.3	20	
Lead	0.051	0.00050	mg/L	0.05000		102	85-115	0.7	20	
Manganese	0.050	0.00025	mg/L	0.05000		99	85-115	2	20	
Molybdenum	0.049	0.00025	mg/L	0.05000		99	85-115	1	20	
Nickel	0.049	0.00050	mg/L	0.05000		99	85-115	1	20	
Selenium	0.049	0.0025	mg/L	0.05000		99	85-115	0.9	20	
Thallium	0.049	0.00050	mg/L	0.05000		97	85-115	1	20	
Uranium	0.049	0.00050	mg/L	0.05000		99	85-115	0.8	20	
Zinc	0.099	0.040	mg/L	0.1000		99	85-115	0.4	20	
Matrix Spike (2508317-MS1)		**Source: 25H0579-02**		Prepared & Analyzed: 09/16/2025						
Aluminum	0.13	0.040	mg/L	0.1000	0.028	99	70-130			
Antimony	0.059	0.00050	mg/L	0.05000	0.0010	116	70-130			
Arsenic	0.064	0.00050	mg/L	0.05000	0.0050	119	70-130			
Barium	0.13	0.00050	mg/L	0.05000	0.068	116	70-130			
Beryllium	0.056	0.00025	mg/L	0.05000	0.000041	112	70-130			
Cadmium	0.054	0.00025	mg/L	0.05000	ND	108	70-130			
Chromium	0.053	0.00050	mg/L	0.05000	0.00059	106	70-130			
Cobalt	0.052	0.00025	mg/L	0.05000	0.00040	102	70-130			
Copper	0.053	0.00050	mg/L	0.05000	0.0050	95	70-130			
Lead	0.057	0.00050	mg/L	0.05000	0.00011	115	70-130			
Manganese	ND	0.00025	mg/L	0.05000	0.69	NR	70-130			
Molybdenum	0.16	0.00025	mg/L	0.05000	0.11	114	70-130			
Nickel	0.051	0.00050	mg/L	0.05000	0.0016	100	70-130			
Selenium	0.061	0.0025	mg/L	0.05000	0.0015	118	70-130			
Thallium	0.056	0.00050	mg/L	0.05000	0.000044	111	70-130			
Uranium	0.074	0.00050	mg/L	0.05000	0.013	123	70-130			
Zinc	0.12	0.040	mg/L	0.1000	0.015	101	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0579
Date Received: 08/20/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508317 - EPA 200.8 (5.4)										
Matrix Spike (2508317-MS2)		**Source: 25H0600-01**		Prepared & Analyzed: 09/16/2025						
Aluminum	0.096	0.040	mg/L	0.1000	ND	96	70-130			
Antimony	0.053	0.00050	mg/L	0.05000	0.000051	106	70-130			
Arsenic	0.055	0.00050	mg/L	0.05000	0.00011	111	70-130			
Barium	0.053	0.00050	mg/L	0.05000	0.00018	105	70-130			
Beryllium	0.054	0.00025	mg/L	0.05000	0.000038	109	70-130			
Cadmium	0.055	0.00025	mg/L	0.05000	ND	110	70-130			
Chromium	0.050	0.00050	mg/L	0.05000	0.00015	100	70-130			
Cobalt	0.050	0.00025	mg/L	0.05000	0.000044	99	70-130			
Copper	0.051	0.00050	mg/L	0.05000	ND	102	70-130			
Lead	0.051	0.00050	mg/L	0.05000	ND	103	70-130			
Manganese	0.051	0.00025	mg/L	0.05000	0.0013	100	70-130			
Molybdenum	0.050	0.00025	mg/L	0.05000	0.00049	100	70-130			
Nickel	0.050	0.00050	mg/L	0.05000	0.000082	101	70-130			
Selenium	0.061	0.0025	mg/L	0.05000	ND	122	70-130			
Thallium	0.049	0.00050	mg/L	0.05000	0.000044	99	70-130			
Uranium	0.051	0.00050	mg/L	0.05000	0.00010	102	70-130			
Zinc	0.12	0.040	mg/L	0.1000	ND	115	70-130			
Batch 2508324 - E200.7 (4.4)										
Blank (2508324-BLK1)				Prepared: 08/29/2025 Analyzed: 09/08/2025						
Iron	0.031	0.30	mg/L							
LCS (2508324-BS1)				Prepared: 08/29/2025 Analyzed: 09/08/2025						
Iron	0.97	0.30	mg/L	1.000		97	85-115			
LCS Dup (2508324-BSD1)				Prepared: 08/29/2025 Analyzed: 09/08/2025						
Iron	1.0	0.30	mg/L	1.000		100	85-115	3	20	
LCS Dup (2508324-BSD2)				Prepared: 08/29/2025 Analyzed: 09/08/2025						
Iron	ND	0.30	mg/L				85-115		20	
Matrix Spike (2508324-MS1)		**Source: 25H0573-01**		Prepared: 08/29/2025 Analyzed: 09/08/2025						
Iron	0.97	0.30	mg/L	1.000	0.021	95	70-130			
Matrix Spike (2508324-MS2)		**Source: 25H0573-02**		Prepared: 08/29/2025 Analyzed: 09/08/2025						
Iron	0.94	0.30	mg/L	1.000	ND	94	70-130			
Batch 2509047 - EPA 200.7 (4.4)										
Blank (2509047-BLK1)				Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.91	5.0	mg/L							
LCS (2509047-BS1)				Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	10	4.0	mg/L	10.00		103	85-115			
Magnesium	10	3.0	mg/L	10.00		102	85-115			
Potassium	10	5.0	mg/L	10.00		103	85-115			
Sodium	10	5.0	mg/L	10.00		105	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509047 - EPA 200.7 (4.4)										
LCS Dup (2509047-BSD1)				Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	11	4.0	mg/L	10.00		107	85-115	4	20	
Magnesium	11	3.0	mg/L	10.00		106	85-115	4	20	
Potassium	11	5.0	mg/L	10.00		107	85-115	4	20	
Sodium	11	5.0	mg/L	10.00		109	85-115	4	20	
Matrix Spike (2509047-MS1)		**Source: 25H0492-01**		Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	12	4.0	mg/L	10.00	3.0	90	70-130			
Magnesium	9.0	3.0	mg/L	10.00	0.16	89	70-130			
Potassium	10	5.0	mg/L	10.00	1.0	94	70-130			
Sodium	98	5.0	mg/L	10.00	90	74	70-130			
Matrix Spike (2509047-MS2)		**Source: 25H0492-02**		Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	140	4.0	mg/L	10.00	130	41	70-130			M2
Magnesium	40	3.0	mg/L	10.00	32	87	70-130			
Potassium	16	5.0	mg/L	10.00	5.8	102	70-130			
Sodium	130	5.0	mg/L	10.00	120	56	70-130			M2
Batch 2509055 - EPA 245.1										
Blank (2509055-BLK1)				Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	ND	0.0010	mg/L							
LCS (2509055-BS1)				Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0048	0.0010	mg/L	0.005000		96	85-115			
LCS Dup (2509055-BSD1)				Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0044	0.0010	mg/L	0.005000		88	85-115	8	20	
Matrix Spike (2509055-MS1)		**Source: 25H0524-01**		Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	92	70-130			
Matrix Spike (2509055-MS2)		**Source: 25H0524-02**		Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0047	0.0010	mg/L	0.005000	ND	93	70-130			
Matrix Spike Dup (2509055-MSD1)		**Source: 25H0524-01**		Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	92	70-130	0.1	20	
Matrix Spike Dup (2509055-MSD2)		**Source: 25H0524-02**		Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	93	70-130	0.5	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508258 - SM2540 C										
Duplicate (2508258-DUP1)		**Source: 25H0500-01**		Prepared: 08/26/2025 Analyzed: 09/02/2025						
Total Dissolved Solids (Residue, Filterable)	840	20	mg/L		840			0.8	5	
Duplicate (2508258-DUP2)		**Source: 25H0509-01**		Prepared: 08/26/2025 Analyzed: 09/02/2025						
Total Dissolved Solids (Residue, Filterable)	160	20	mg/L		150			3	5	
Batch 2508272 - SM2540 C										
Duplicate (2508272-DUP1)		**Source: 25H0553-01**		Prepared: 08/27/2025 Analyzed: 09/03/2025						
Total Dissolved Solids (Residue, Filterable)	450	20	mg/L		450			0.7	5	
Duplicate (2508272-DUP2)		**Source: 25H0553-02**		Prepared: 08/27/2025 Analyzed: 09/03/2025						
Total Dissolved Solids (Residue, Filterable)	450	20	mg/L		440			2	5	
Batch 2508273 - SM4500-CN BE										
Blank (2508273-BLK1)				Prepared & Analyzed: 08/27/2025						
Cyanide	ND	0.10	mg/L							
LCS (2508273-BS1)				Prepared & Analyzed: 08/27/2025						
Cyanide	2.0	0.10	mg/L	2.000		102	85-115			
LCS Dup (2508273-BSD1)				Prepared & Analyzed: 08/27/2025						
Cyanide	2.1	0.10	mg/L	2.000		106	85-115	4	15	
Matrix Spike (2508273-MS1)		**Source: 25H0684-01**		Prepared & Analyzed: 08/27/2025						
Cyanide	2.3	0.10	mg/L	2.000	ND	116	80-120			
Matrix Spike Dup (2508273-MSD1)		**Source: 25H0684-01**		Prepared & Analyzed: 08/27/2025						
Cyanide	2.2	0.10	mg/L	2.000	ND	111	80-120	4	15	
Batch 2509001 - SM2320B										
Blank (2509001-BLK1)				Prepared & Analyzed: 09/01/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2509001-BS1)				Prepared & Analyzed: 09/01/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110			
LCS Dup (2509001-BSD1)				Prepared & Analyzed: 09/01/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		95	90-110	2	10	
Matrix Spike (2509001-MS1)		**Source: 25H0636-01**		Prepared & Analyzed: 09/01/2025						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	40	94	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509001 - SM2320B										
Matrix Spike Dup (2509001-MSD1)	**Source: 25H0636-01**			Prepared & Analyzed: 09/01/2025						
Alkalinity, Total (As CaCO3)	280	2.0	mg/L	250.0	40	94	70-130	0.7	10	
Batch 2509019 - SM 4500-NH3 B, F										
Blank (2509019-BLK1)				Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2509019-BS1)				Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		108	90-110			
LCS Dup (2509019-BSD1)				Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	2.8	0.50	mg/L	2.500		110	90-110	3	10	
Matrix Spike (2509019-MS1)	**Source: 25H0485-01**			Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2509019-MSD1)	**Source: 25H0485-01**			Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2
Batch 2509036 - EPA 351.2										
Blank (2509036-BLK1)				Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2509036-BS1)				Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000		98	80-120			
LCS Dup (2509036-BSD1)				Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		99	80-120	1	20	
Matrix Spike (2509036-MS1)	**Source: 25H0524-01**			Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.5	0.50	mg/L	5.000	0.38	82	80-120			
Matrix Spike (2509036-MS2)	**Source: 25H0697-02**			Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000	ND	98	80-120			
Matrix Spike Dup (2509036-MSD1)	**Source: 25H0524-01**			Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.8	0.50	mg/L	5.000	0.38	88	80-120	6	20	
Matrix Spike Dup (2509036-MSD2)	**Source: 25H0697-02**			Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.7	0.50	mg/L	5.000	ND	95	80-120	3	20	
Batch 2509041 - SM4500-H+ B										
Duplicate (2509041-DUP1)	**Source: 25H0620-04**			Prepared & Analyzed: 09/04/2025						
pH (pH Units)	7.4		-		7.4			0	200	H5
Temperature (°C)	24		-		24			0.4	200	H5

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508292 - SW8260B										
Blank (2508292-BLK1)				Prepared & Analyzed: 08/28/2025						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Dibromofluoromethane	*24.1*		*ug/L*	*25.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*23.4*		*ug/L*	*25.00*		*93*	*70-130*			
LCS (2508292-BS1)				Prepared & Analyzed: 08/28/2025						
1,1-Dichloroethene	29		ug/L	25.00		117	70-130			
Benzene	26		ug/L	25.00		103	70-130			
Chlorobenzene	26		ug/L	25.00		104	70-130			
Toluene	26		ug/L	25.00		105	70-130			
Trichloroethene	27		ug/L	25.00		106	70-130			
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Dibromofluoromethane	*22.7*		*ug/L*	*25.00*		*91*	*70-130*			
Surrogate: Toluene-d8	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			
LCS Dup (2508292-BSD1)				Prepared & Analyzed: 08/28/2025						
1,1-Dichloroethene	27		ug/L	25.00		108	70-130	7	30	
Benzene	25		ug/L	25.00		98	70-130	5	30	
Chlorobenzene	24		ug/L	25.00		97	70-130	7	30	
Toluene	24		ug/L	25.00		98	70-130	7	30	
Trichloroethene	25		ug/L	25.00		100	70-130	6	30	
Surrogate: 4-Bromofluorobenzene	*23.2*		*ug/L*	*25.00*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*23.3*		*ug/L*	*25.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*22.7*		*ug/L*	*25.00*		*91*	*70-130*			
Matrix Spike (2508292-MS1)		**Source: 25H0416-06**		Prepared & Analyzed: 08/28/2025						
1,1-Dichloroethene	28		ug/L	25.00	0.020	110	70-130			
Benzene	25		ug/L	25.00	0.010	100	70-130			
Chlorobenzene	24		ug/L	25.00	0.010	96	70-130			
Toluene	24		ug/L	25.00	0.010	95	70-130			
Trichloroethene	24		ug/L	25.00	0.010	96	70-130			
Surrogate: 4-Bromofluorobenzene	*21.7*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Dibromofluoromethane	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			
Surrogate: Toluene-d8	*21.6*		*ug/L*	*25.00*		*86*	*70-130*			
Matrix Spike (2508292-MS2)		**Source: 25H0461-05**		Prepared: 08/28/2025 Analyzed: 08/29/2025						
1,1-Dichloroethene	29		ug/L	25.00	1.2	111	70-130			
Benzene	26		ug/L	25.00	0.010	102	70-130			
Chlorobenzene	24		ug/L	25.00	0.0	96	70-130			
Toluene	24		ug/L	25.00	0.0	96	70-130			
Trichloroethene	36		ug/L	25.00	11	100	70-130			
Surrogate: 4-Bromofluorobenzene	*22.7*		*ug/L*	*25.00*		*91*	*70-130*			
Surrogate: Dibromofluoromethane	*23.7*		*ug/L*	*25.00*		*95*	*70-130*			
Surrogate: Toluene-d8	*22.1*		*ug/L*	*25.00*		*88*	*70-130*			

Client: Copper World, Inc.
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508292 - SW8260B										
Matrix Spike Dup (2508292-MSD1)	**Source: 25H0416-06**			Prepared & Analyzed: 08/28/2025						
1,1-Dichloroethene	28		ug/L	25.00	0.020	111	70-130	0.2	30	
Benzene	25		ug/L	25.00	0.010	101	70-130	0.9	30	
Chlorobenzene	25		ug/L	25.00	0.010	99	70-130	3	30	
Toluene	25		ug/L	25.00	0.010	98	70-130	3	30	
Trichloroethene	25		ug/L	25.00	0.010	99	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*22.4*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			
Surrogate: Toluene-d8	*22.0*		*ug/L*	*25.00*		*88*	*70-130*			
Matrix Spike Dup (2508292-MSD2)	**Source: 25H0461-05**			Prepared: 08/28/2025 Analyzed: 08/29/2025						
1,1-Dichloroethene	29		ug/L	25.00	1.2	109	70-130	1	30	
Benzene	25		ug/L	25.00	0.010	101	70-130	2	30	
Chlorobenzene	24		ug/L	25.00	0.0	98	70-130	2	30	
Toluene	24		ug/L	25.00	0.0	97	70-130	1	30	
Trichloroethene	36		ug/L	25.00	11	102	70-130	1	30	
Surrogate: 4-Bromofluorobenzene	*21.8*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Dibromofluoromethane	*22.5*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Toluene-d8	*21.6*		*ug/L*	*25.00*		*86*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508219 - EPA 300.0 (2.1)										
Blank (2508219-BLK1)				Prepared & Analyzed: 08/21/2025						
Chloride	0.90	1.0	mg/L							B7
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2508219-BS1)				Prepared & Analyzed: 08/21/2025						
Fluoride	2.0	0.50	mg/L	2.000		100	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		96	90-110			
Sulfate	13	5.0	mg/L	12.50		103	90-110			
LCS Dup (2508219-BSD1)				Prepared & Analyzed: 08/21/2025						
Fluoride	2.0	0.50	mg/L	2.000		101	90-110	1	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		97	90-110	0.1	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		96	90-110	0	10	
Sulfate	13	5.0	mg/L	12.50		103	90-110	0.1	10	
Matrix Spike (2508219-MS1)		**Source: 25H0584-01**		Prepared: 08/21/2025 Analyzed: 09/10/2025						
Chloride	21	1.0	mg/L	12.50	7.5	109	80-120			
Fluoride	3.1	0.50	mg/L	2.000	0.94	109	80-120			
Nitrogen, Nitrate (As N)	6.1	0.50	mg/L	5.000	1.2	99	80-120			
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	102	80-120			
Sulfate	32	5.0	mg/L	12.50	20	95	80-120			
Matrix Spike Dup (2508219-MSD1)		**Source: 25H0584-01**		Prepared: 08/21/2025 Analyzed: 09/10/2025						
Chloride	21	1.0	mg/L	12.50	7.5	109	80-120	0.04	10	
Fluoride	3.1	0.50	mg/L	2.000	0.94	109	80-120	0.3	10	
Nitrogen, Nitrate (As N)	6.1	0.50	mg/L	5.000	1.2	99	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	103	80-120	0.5	10	
Sulfate	32	5.0	mg/L	12.50	20	95	80-120	0.02	10	
Batch 2509107 - EPA 300.0 (2.1)										
Blank (2509107-BLK1)				Prepared & Analyzed: 09/09/2025						
Chloride	ND	1.0	mg/L							
LCS (2509107-BS1)				Prepared & Analyzed: 09/09/2025						
Chloride	12	1.0	mg/L	12.50		98	90-110			
LCS Dup (2509107-BSD1)				Prepared & Analyzed: 09/09/2025						
Chloride	12	1.0	mg/L	12.50		98	90-110	0.3	10	

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE _____ PAGE _____ OF _____

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SAMPLER'S SIGNATURE _____

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS
POC - 03	8/20	0925		SW	1
POC - 04	8/20	1000		SW	1

Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics ☐ 624 ☐ 524.2 ☐ TTHMS ☐ 8260 ☐ HAAS ☐ Chloride ☐ Sulfate ☐ Resistivity ☐ NO3 ☐ NO2 ☐ TKN ☐ TPH ☐ 1664 ☐ Oil & Grease ☐ VOA ☐ TCLP Analysis ☐ Semi-VOA ☐ Pest ☐ TCLP ☐ Metals ☐ Dissolved ☐ Total ☐ RCRA8 ☐ Total ☐ Cyanide ☐ Amen. ☐ WAD ☐ SDWA-INORGANICS ☐ PRIMARY ☐ SECONDARY ☐ Coliform ☐ MPN ☐ PIA ☐ pH ☐ Fecal ☐ Cl2 ☐ Cl2 ☐ Turb ☐ TSS ☐ BOD ☐ COD ☐

1. RELINQUISHED BY:	2. RECEIVED BY:	TURNAROUND REQUIREMENTS:	REPORT REQUIREMENTS:	INVOICE INFORMATION:	SAMPLE RECEIPT:
Signature	Signature	____ Standard (approx. 10 days)*	____ I. Routine Report	Account ____ Y ____ N	Total Containers
Printed Name	Printed Name	____ Next Day ____ 2 Day ____ 5 Day*	____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)	P.O. #	Temperature
Firm	Firm	____ Email Preliminary Results	____ III. Data Validation Report (includes All Raw Data) Add 10% to Invoice	Bill to:	☐ Wet Ice ☐ Ambient ☐ Blue Ice
Date/Time	Date/Time	* Working Days			IR #

3. RELINQUISHED BY:	4. RECEIVED BY:
Signature	Signature
Printed Name	Printed Name
Firm	TURNER LABORATORIES, INC.
Date/Time	Firm
	Date/Time

* LEGEND
SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No	Custody Seals ☐	Preservation Confirmation ☒
CMDP Deliverable: ☐ Yes ☐ No	Container Intact ☒	Appropriate Head Space ☒
Submit To CMDP: ☐ Yes ☐ No	COC / Labels Agree ☒	Received Within Hold Time ☒

SPECIAL INSTRUCTIONS/COMMENTS:

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 20, 2025
Sample Received: August 22, 2025
Analysis Completed: September 09, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25H0579-01	10.9 ± 0.8	9.7 ± 1.0	1.2 ± 1.3	6.3 ± 1.4	< 0.5	< 0.8	< 0.8

Analysis Date/Time	8/28/2025	9/2/2025	9/2/2025	9/6/2025	9/6/2025	9/6/2025	9/6/2025
	09:25	12:11	12:11	22:41	21:26	21:26	21:26

Robert L. Metzger, Ph.D., C.H.P.

September 9, 2025
Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 20, 2025
Sample Received: August 22, 2025
Uranium Analysis Date: September 02, 2025
Uranium Analysis Time: 12:11

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25H0579-01	2.9 ± 0.4	0.133 ± 0.003	6.8 ± 0.6	9.7 ± 1.0	Activity (pCi/L)
	8.5 ± 1.2	0.062 ± 0.001	0.00109 ± 0.00010	8.6 ± 1.2	Content (µg/L)
	Comments:				

September 9, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 20, 2025 (Sample Date) 9:25 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/2/2025	1.2 ± 1.3		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/28/2025	10.9 ± 0.8		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/2/2025	8.6 ± 1.2	µg/L	
			Uranium 234	4007	9/2/2025	0.00109 ± 0.00010		
			Uranium 235	4008	9/2/2025	0.062 ± 0.001		
			Uranium 238	4009	9/2/2025	8.5 ± 1.2		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/6/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/6/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/6/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77917

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0579-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 20, 2025 (Sample Date) 9:25 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/6/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

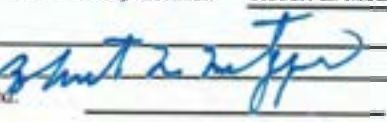
Specimen Number: RSE77917

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0579-01

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 20, 2025
Sample Received: August 22, 2025
Analysis Completed: September 09, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25H0579-02	7.3 ± 0.6	9.2 ± 1.0	< 1.0	7.8 ± 1.3	< 0.5	< 0.8	< 0.8

Analysis Date/Time	8/30/2025	9/2/2025	9/2/2025	9/4/2025	9/7/2025	9/7/2025	9/7/2025
	03:11	15:11	15:11	13:54	1:27	1:27	1:27

September 9, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 20, 2025
Sample Received: August 22, 2025
Uranium Analysis Date: September 02, 2025
Uranium Analysis Time: 15:11

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25H0579-02	3.2 ± 0.4	0.148 ± 0.003	5.9 ± 0.6	9.2 ± 1.0	Activity (pCi/L)
	9.5 ± 1.3	0.069 ± 0.001	0.00094 ± 0.00010	9.6 ± 1.3	Content (µg/L)
	Comments:				

September 9, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 20, 2025 (Sample Date) 13:08 (24 hour clock) (Sample Time) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/2/2025	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	8/30/2025	7.3 ± 0.6		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/2/2025	9.6 ± 1.3	µg/L	
			Uranium 234	4007	9/2/2025	0.00094 ± 0.00010		
			Uranium 235	4008	9/2/2025	0.069 ± 0.001		
			Uranium 238	4009	9/2/2025	9.5 ± 1.3		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/7/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/7/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/7/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77918

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0579-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 20, 2025 (Sample Date) 13:08 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/4/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77918

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0579-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25H0579

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25H0579-01 Non-Potable Wa Sampled:08/20/2025 09:25			
Radiochemistry, Gross Alpha Beta	02/16/2026 09:25		
Radiochemistry, Uranium	02/16/2026 09:25		
Radiochemistry, Radium 226/228	09/19/2025 09:25		77917
Containers Supplied:			
Sample ID: 25H0579-02 Non-Potable Wa Sampled:08/20/2025 13:08			
Radiochemistry, Gross Alpha Beta	02/16/2026 13:08		
Radiochemistry, Uranium	02/16/2026 13:08		
Radiochemistry, Radium 226/228	09/19/2025 13:08		77918
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	8/21/25 1600	UPS	8/21/25 1600
Released By	Date	Received By	Date
		MS	8/22/25 11:30

September 18, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25H0620
Order Name: Groundwater
200194530000 61903

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 4 sample(s) on 08/21/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Date Received: 08/21/2025

Order: Groundwater 200194530000 61903

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25H0620-01	POC - 10	Ground Water	08/21/2025 0830
25H0620-02	POC - 09	Ground Water	08/21/2025 1013
25H0620-03	POC - 08	Ground Water	08/21/2025 1252
25H0620-04	POC - 07	Ground Water	08/21/2025 1431

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Date Received: 08/21/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

B7	Target analyte detected in method blank at or above the method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.
E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Lab Sample ID: 25H0620-01

Client Sample ID: POC - 10
Collection Date/Time: 08/21/2025 0830
Matrix: Ground Water
Order Name: Groundwater 200194530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.4		1.1		mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.4		0.60		mg/L	1	08/22/2025 1152	08/22/2025 1533	ES
ICP Total Metals-E200.7 (4.4)									
Iron	1.0		0.33		mg/L	1	09/04/2025 0919	09/04/2025 1953	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0053		0.00050		mg/L	1	08/31/2025 1302	09/08/2025 1344	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	91		4.0		mg/L	1	09/01/2025 1700	09/04/2025 1852	RAR
Magnesium	16		3.0		mg/L	1	09/01/2025 1700	09/04/2025 1852	RAR
Potassium	2.5	0.14	5.0	E4	mg/L	1	09/01/2025 1700	09/04/2025 1852	RAR
Sodium	7.1		5.0		mg/L	1	09/01/2025 1700	09/04/2025 1852	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Antimony	0.00028	0.000039	0.00050	E4	mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Arsenic	0.0020		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Barium	0.029		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Beryllium	0.000014	0.000013	0.00025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Chromium	0.00061		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Cobalt	0.00020	0.000010	0.00025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Copper	0.0012		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Manganese	0.0054		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Molybdenum	0.074		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Nickel	0.0030		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Selenium	0.0090		0.0025		mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
Uranium	0.0049		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Lab Sample ID: 25H0620-01

Client Sample ID: POC - 10
Collection Date/Time: 08/21/2025 0830
Matrix: Ground Water
Order Name: Groundwater 200194530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.026	0.0023	0.040	E4	mg/L	1	08/29/2025 1417	09/16/2025 1725	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	09/05/2025 0829	09/07/2025 1344	RAR
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	9.9		1.0	B7	mg/L	1	08/22/2025 1152	08/22/2025 1533	ES
Fluoride	0.84		0.50		mg/L	1	08/22/2025 1152	08/22/2025 1533	ES
Nitrogen, Nitrate (As N)	1.4		0.50		mg/L	1	08/22/2025 1152	08/22/2025 1533	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	08/22/2025 1152	08/22/2025 1533	ES
Sulfate	63		5.0		mg/L	1	08/22/2025 1152	08/22/2025 1533	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	09/03/2025 1230	09/03/2025 1532	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	240		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Total (As CaCO3)	240		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	400		20		mg/L	1	08/28/2025 0832	09/05/2025 1430	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/27/2025 1030	08/27/2025 1507	ES
pH-SM4500-H+ B									

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Lab Sample ID: 25H0620-01

Client Sample ID: POC - 10
Collection Date/Time: 08/21/2025 0830
Matrix: Ground Water
Order Name: Groundwater 200194530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.7			H5	-	1	09/04/2025 1405	09/04/2025 1429	IM
Temperature (°C)	24			H5	-	1	09/04/2025 1405	09/04/2025 1429	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8, M2	ug/L	1	09/02/2025 0800	09/02/2025 1942	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	09/02/2025 0800	09/02/2025 1942	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/02/2025 0800	09/02/2025 1942	PB
Toluene	0.11	0.057	0.50	E4, M2	ug/L	1	09/02/2025 0800	09/02/2025 1942	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/02/2025 0800	09/02/2025 1942	PB
Surr: 4-Bromofluorobenzene	*104*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/02/2025 1942*	*PB*
Surr: Dibromofluoromethane	*92*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/02/2025 1942*	*PB*
Surr: Toluene-d8	*101*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/02/2025 1942*	*PB*

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Lab Sample ID: 25H0620-02

Client Sample ID: POC - 09
Collection Date/Time: 08/21/2025 1013
Matrix: Ground Water
Order Name: Groundwater 200194530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.52		0.60	J	mg/L	1	08/22/2025 1152	08/22/2025 1710	ES
ICP Total Metals-E200.7 (4.4)									
Iron	1.0		0.33		mg/L	1	09/04/2025 0919	09/04/2025 1959	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0052		0.00050		mg/L	1	08/31/2025 1302	09/08/2025 1347	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	59		4.0		mg/L	1	09/01/2025 1700	09/04/2025 1855	RAR
Magnesium	14		3.0		mg/L	1	09/01/2025 1700	09/04/2025 1855	RAR
Potassium	3.2	0.14	5.0	E4	mg/L	1	09/01/2025 1700	09/04/2025 1855	RAR
Sodium	14		5.0		mg/L	1	09/01/2025 1700	09/04/2025 1855	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Antimony	0.00031	0.000039	0.00050	E4	mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Arsenic	0.0029		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Barium	0.030		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Chromium	0.00017	0.000023	0.00050	E4	mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Cobalt	0.00014	0.000010	0.00025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Copper	0.0012		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Manganese	0.020		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Molybdenum	0.049		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Nickel	0.0020		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Selenium	0.0021	0.00025	0.0025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Uranium	0.0048		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR
Zinc	0.011	0.0023	0.040	E4	mg/L	1	08/29/2025 1417	09/16/2025 1729	RAR

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Lab Sample ID: 25H0620-02

Client Sample ID: POC - 09
Collection Date/Time: 08/21/2025 1013
Matrix: Ground Water
Order Name: Groundwater 200194530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	09/05/2025 0829	09/07/2025 1346	RAR
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11		1.0	B7	mg/L	1	08/22/2025 1152	08/22/2025 1710	ES
Fluoride	1.1		0.50		mg/L	1	08/22/2025 1152	08/22/2025 1710	ES
Nitrogen, Nitrate (As N)	0.52		0.50		mg/L	1	08/22/2025 1152	08/22/2025 1710	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	08/22/2025 1152	08/22/2025 1710	ES
Sulfate	18		5.0		mg/L	1	08/22/2025 1152	08/22/2025 1710	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	09/03/2025 1230	09/03/2025 1532	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	220		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Total (As CaCO3)	220		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	290		20		mg/L	1	08/28/2025 0832	09/05/2025 1430	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/27/2025 1030	08/27/2025 1507	ES
pH-SM4500-H+ B									
pH (pH Units)	7.7			H5	-	1	09/04/2025 1405	09/04/2025 1431	IM
Temperature (°C)	24			H5	-	1	09/04/2025 1405	09/04/2025 1431	IM

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Lab Sample ID: 25H0620-02

Client Sample ID: POC - 09
Collection Date/Time: 08/21/2025 1013
Matrix: Ground Water
Order Name: Groundwater 200194530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/02/2025 0800	09/02/2025 2242	PB
Carbon disulfide	0.61		2.0		ug/L	1	09/02/2025 0800	09/02/2025 2242	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/02/2025 0800	09/02/2025 2242	PB
Toluene	0.057	0.057	0.50	E4	ug/L	1	09/02/2025 0800	09/02/2025 2242	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/02/2025 0800	09/02/2025 2242	PB
Surr: 4-Bromofluorobenzene	*98*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/02/2025 2242*	*PB*
Surr: Dibromofluoromethane	*89*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/02/2025 2242*	*PB*
Surr: Toluene-d8	*97*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/02/2025 2242*	*PB*

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Lab Sample ID: 25H0620-03

Client Sample ID: POC - 08
Collection Date/Time: 08/21/2025 1252
Matrix: Ground Water
Order Name: Groundwater 200194530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.22		0.60	J	mg/L	1	08/22/2025 1152	08/22/2025 1729	ES
ICP Total Metals-E200.7 (4.4)									
Iron	2.0		0.33		mg/L	1	09/04/2025 0919	09/04/2025 2002	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0040	0.00015	0.0050	E4	mg/L	10	08/29/2025 1951	09/12/2025 1723	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	81		4.0		mg/L	1	09/01/2025 1700	09/04/2025 1858	RAR
Magnesium	12		3.0		mg/L	1	09/01/2025 1700	09/04/2025 1858	RAR
Potassium	2.9	0.14	5.0	E4	mg/L	1	09/01/2025 1700	09/04/2025 1858	RAR
Sodium	16		5.0		mg/L	1	09/01/2025 1700	09/04/2025 1858	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Antimony	0.00057		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Arsenic	0.0014		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Barium	0.035		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Chromium	0.00012	0.000023	0.00050	E4	mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Cobalt	0.00031		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Copper	0.00053		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Manganese	0.25		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Molybdenum	0.82		0.00050		mg/L	2	08/29/2025 1417	09/18/2025 1202	RAR
Nickel	0.0022		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Selenium	0.0015	0.00025	0.0025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Uranium	0.0046		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR
Zinc	0.0027	0.0023	0.040	E4	mg/L	1	08/29/2025 1417	09/16/2025 1732	RAR

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Lab Sample ID: 25H0620-03

Client Sample ID: POC - 08
Collection Date/Time: 08/21/2025 1252
Matrix: Ground Water
Order Name: Groundwater 200194530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	09/05/2025 0829	09/07/2025 1349	RAR
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	9.5		1.0	B7	mg/L	1	08/22/2025 1152	08/22/2025 1729	ES
Fluoride	1.3		0.50		mg/L	1	08/22/2025 1152	08/22/2025 1729	ES
Nitrogen, Nitrate (As N)	0.22	0.18	0.50	E4	mg/L	1	08/22/2025 1152	08/22/2025 1729	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	08/22/2025 1152	08/22/2025 1729	ES
Sulfate	140		50		mg/L	10	08/22/2025 1152	09/01/2025 1735	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	09/03/2025 1230	09/03/2025 1532	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	170		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Total (As CaCO3)	170		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	400		20		mg/L	1	08/28/2025 0832	09/05/2025 1430	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/27/2025 1030	08/27/2025 1507	ES
pH-SM4500-H+ B									
pH (pH Units)	7.6			H5	-	1	09/04/2025 1405	09/04/2025 1434	IM
Temperature (°C)	24			H5	-	1	09/04/2025 1405	09/04/2025 1434	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Lab Sample ID: 25H0620-03

Client Sample ID: POC - 08
Collection Date/Time: 08/21/2025 1252
Matrix: Ground Water
Order Name: Groundwater 200194530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/02/2025 0800	09/02/2025 2318	PB
Carbon disulfide	0.61	0.11	2.0	E4	ug/L	1	09/02/2025 0800	09/02/2025 2318	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/02/2025 0800	09/02/2025 2318	PB
Toluene	0.18	0.057	0.50	E4	ug/L	1	09/02/2025 0800	09/02/2025 2318	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/02/2025 0800	09/02/2025 2318	PB
Surr: 4-Bromofluorobenzene	*102*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/02/2025 2318*	*PB*
Surr: Dibromofluoromethane	*91*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/02/2025 2318*	*PB*
Surr: Toluene-d8	*97*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/02/2025 2318*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Lab Sample ID: 25H0620-04

Client Sample ID: POC - 07
Collection Date/Time: 08/21/2025 1431
Matrix: Ground Water
Order Name: Groundwater 200194530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.28		0.60	J	mg/L	1	08/22/2025 1152	08/22/2025 1748	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.28	0.022	0.33	E4	mg/L	1	09/04/2025 0919	09/04/2025 2005	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.00060	0.00015	0.0050	E4	mg/L	10	08/29/2025 1951	09/12/2025 1726	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	120		4.0		mg/L	1	09/01/2025 1700	09/04/2025 1901	RAR
Magnesium	14		3.0		mg/L	1	09/01/2025 1700	09/04/2025 1901	RAR
Potassium	8.5		5.0		mg/L	1	09/01/2025 1700	09/04/2025 1901	RAR
Sodium	7.6		5.0		mg/L	1	09/01/2025 1700	09/04/2025 1901	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.031	0.013	0.040	E4	mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Antimony	0.000094	0.000039	0.00050	E4	mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Arsenic	0.014		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Barium	0.056		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Beryllium	0.000081	0.000013	0.00025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Chromium	0.00014	0.000023	0.00050	E4	mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Cobalt	0.00034		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Copper	0.00074		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Manganese	0.64		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Molybdenum	0.031		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Nickel	0.0030		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Selenium	0.0010	0.00025	0.0025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Uranium	0.00074		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR
Zinc	0.0025	0.0023	0.040	E4	mg/L	1	08/29/2025 1417	09/16/2025 1735	RAR

Turner Laboratories, Inc.

Date: 09/18/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Lab Sample ID: 25H0620-04

Client Sample ID: POC - 07
Collection Date/Time: 08/21/2025 1431
Matrix: Ground Water
Order Name: Groundwater 200194530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	09/05/2025 0829	09/07/2025 1351	RAR
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10		1.0	B7	mg/L	1	08/22/2025 1152	08/22/2025 1748	ES
Fluoride	0.55		0.50		mg/L	1	08/22/2025 1152	08/22/2025 1748	ES
Nitrogen, Nitrate (As N)	0.28	0.18	0.50	E4	mg/L	1	08/22/2025 1152	08/22/2025 1748	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	08/22/2025 1152	08/22/2025 1748	ES
Sulfate	210		50		mg/L	10	08/22/2025 1152	09/01/2025 1754	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/04/2025 1041	09/04/2025 1533	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	09/03/2025 1230	09/03/2025 1532	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Total (As CaCO3)	190		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	580		20		mg/L	1	08/28/2025 0832	09/05/2025 1430	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/27/2025 1030	08/27/2025 1507	ES
pH-SM4500-H+ B									
pH (pH Units)	7.4			H5	-	1	09/04/2025 1405	09/04/2025 1435	IM
Temperature (°C)	24			H5	-	1	09/04/2025 1405	09/04/2025 1435	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Lab Sample ID: 25H0620-04

Client Sample ID: POC - 07
Collection Date/Time: 08/21/2025 1431
Matrix: Ground Water
Order Name: Groundwater 200194530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/02/2025 0800	09/02/2025 2353	PB
Carbon disulfide	1.3	0.11	2.0	E4	ug/L	1	09/02/2025 0800	09/02/2025 2353	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/02/2025 0800	09/02/2025 2353	PB
Toluene	8.1		0.50		ug/L	1	09/02/2025 0800	09/02/2025 2353	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/02/2025 0800	09/02/2025 2353	PB
Surr: 4-Bromofluorobenzene	*100*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/02/2025 2353*	*PB*
Surr: Dibromofluoromethane	*92*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/02/2025 2353*	*PB*
Surr: Toluene-d8	*99*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/02/2025 2353*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Date Received: 08/21/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508312 - E200.8 (5.4)										
Blank (2508312-BLK1)				Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	ND	0.00050	mg/L							
LCS (2508312-BS1)				Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115			
LCS Dup (2508312-BSD1)				Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115	0.2	20	
Matrix Spike (2508312-MS1)		**Source: 25H0459-03**		Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	0.072	0.00050	mg/L	0.05000	0.0042	136	70-130			
Matrix Spike (2508312-MS2)		**Source: 25H0459-04**		Prepared: 08/31/2025 Analyzed: 09/03/2025						
Uranium	0.073	0.00050	mg/L	0.05000	0.0040	138	70-130			
Batch 2508314 - E200.8 (5.4)										
Blank (2508314-BLK1)				Prepared: 08/29/2025 Analyzed: 09/12/2025						
Uranium	ND	0.00050	mg/L							
LCS (2508314-BS1)				Prepared: 08/29/2025 Analyzed: 09/12/2025						
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115			
LCS Dup (2508314-BSD1)				Prepared: 08/29/2025 Analyzed: 09/12/2025						
Uranium	0.053	0.00050	mg/L	0.05000		106	85-115	1	20	
Matrix Spike (2508314-MS1)		**Source: 25H0447-01**		Prepared: 08/29/2025 Analyzed: 09/12/2025						
Uranium	0.062	0.0050	mg/L	0.05000	0.0019	121	70-130			
Matrix Spike (2508314-MS2)		**Source: 25H0599-01**		Prepared: 08/29/2025 Analyzed: 09/12/2025						
Uranium	0.079	0.0050	mg/L	0.05000	0.016	126	70-130			
Batch 2508317 - EPA 200.8 (5.4)										
Blank (2508317-BLK1)				Prepared & Analyzed: 09/16/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	0.000036	0.00050	mg/L							
Beryllium	0.000027	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	0.000077	0.00050	mg/L							
Cobalt	0.000022	0.00025	mg/L							
Copper	0.00021	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.000084	0.00025	mg/L							
Molybdenum	0.000092	0.00025	mg/L							
Nickel	0.000016	0.00050	mg/L							
Selenium	0.00025	0.0025	mg/L							
Thallium	0.000031	0.00050	mg/L							
Uranium	0.000033	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Date Received: 08/21/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508317 - EPA 200.8 (5.4)										
LCS (2508317-BS1)				Prepared & Analyzed: 09/16/2025						
Aluminum	0.094	0.040	mg/L	0.1000		94	85-115			
Antimony	0.050	0.00050	mg/L	0.05000		100	85-115			
Arsenic	0.050	0.00050	mg/L	0.05000		99	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.050	0.00025	mg/L	0.05000		101	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		101	85-115			
Chromium	0.049	0.00050	mg/L	0.05000		98	85-115			
Cobalt	0.049	0.00025	mg/L	0.05000		98	85-115			
Copper	0.049	0.00050	mg/L	0.05000		98	85-115			
Lead	0.051	0.00050	mg/L	0.05000		102	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		101	85-115			
Molybdenum	0.050	0.00025	mg/L	0.05000		100	85-115			
Nickel	0.049	0.00050	mg/L	0.05000		97	85-115			
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115			
Uranium	0.050	0.00050	mg/L	0.05000		99	85-115			
Zinc	0.099	0.040	mg/L	0.1000		99	85-115			
LCS Dup (2508317-BSD1)				Prepared & Analyzed: 09/16/2025						
Aluminum	0.094	0.040	mg/L	0.1000		94	85-115	0.4	20	
Antimony	0.050	0.00050	mg/L	0.05000		99	85-115	0.5	20	
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115	0.7	20	
Barium	0.052	0.00050	mg/L	0.05000		103	85-115	0.7	20	
Beryllium	0.050	0.00025	mg/L	0.05000		100	85-115	0.7	20	
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115	0.7	20	
Chromium	0.049	0.00050	mg/L	0.05000		98	85-115	0.02	20	
Cobalt	0.049	0.00025	mg/L	0.05000		97	85-115	0.4	20	
Copper	0.049	0.00050	mg/L	0.05000		99	85-115	0.3	20	
Lead	0.051	0.00050	mg/L	0.05000		102	85-115	0.7	20	
Manganese	0.050	0.00025	mg/L	0.05000		99	85-115	2	20	
Molybdenum	0.049	0.00025	mg/L	0.05000		99	85-115	1	20	
Nickel	0.049	0.00050	mg/L	0.05000		99	85-115	1	20	
Selenium	0.049	0.0025	mg/L	0.05000		99	85-115	0.9	20	
Thallium	0.049	0.00050	mg/L	0.05000		97	85-115	1	20	
Uranium	0.049	0.00050	mg/L	0.05000		99	85-115	0.8	20	
Zinc	0.099	0.040	mg/L	0.1000		99	85-115	0.4	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Date Received: 08/21/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508317 - EPA 200.8 (5.4)										
Matrix Spike (2508317-MS1)		**Source: 25H0579-02**		Prepared & Analyzed: 09/16/2025						
Aluminum	0.13	0.040	mg/L	0.1000	0.028	99	70-130			
Antimony	0.059	0.00050	mg/L	0.05000	0.0010	116	70-130			
Arsenic	0.064	0.00050	mg/L	0.05000	0.0050	119	70-130			
Barium	0.13	0.00050	mg/L	0.05000	0.068	116	70-130			
Beryllium	0.056	0.00025	mg/L	0.05000	0.000041	112	70-130			
Cadmium	0.054	0.00025	mg/L	0.05000	ND	108	70-130			
Chromium	0.053	0.00050	mg/L	0.05000	0.00059	106	70-130			
Cobalt	0.052	0.00025	mg/L	0.05000	0.00040	102	70-130			
Copper	0.053	0.00050	mg/L	0.05000	0.0050	95	70-130			
Lead	0.057	0.00050	mg/L	0.05000	0.00011	115	70-130			
Manganese	ND	0.00025	mg/L	0.05000	0.69	NR	70-130			
Molybdenum	0.16	0.00025	mg/L	0.05000	0.11	114	70-130			
Nickel	0.051	0.00050	mg/L	0.05000	0.0016	100	70-130			
Selenium	0.061	0.0025	mg/L	0.05000	0.0015	118	70-130			
Thallium	0.056	0.00050	mg/L	0.05000	0.000044	111	70-130			
Uranium	0.074	0.00050	mg/L	0.05000	0.013	123	70-130			
Zinc	0.12	0.040	mg/L	0.1000	0.015	101	70-130			
Matrix Spike (2508317-MS2)		**Source: 25H0600-01**		Prepared & Analyzed: 09/16/2025						
Aluminum	0.096	0.040	mg/L	0.1000	ND	96	70-130			
Antimony	0.053	0.00050	mg/L	0.05000	0.000051	106	70-130			
Arsenic	0.055	0.00050	mg/L	0.05000	0.00011	111	70-130			
Barium	0.053	0.00050	mg/L	0.05000	0.00018	105	70-130			
Beryllium	0.054	0.00025	mg/L	0.05000	0.000038	109	70-130			
Cadmium	0.055	0.00025	mg/L	0.05000	ND	110	70-130			
Chromium	0.050	0.00050	mg/L	0.05000	0.00015	100	70-130			
Cobalt	0.050	0.00025	mg/L	0.05000	0.000044	99	70-130			
Copper	0.051	0.00050	mg/L	0.05000	ND	102	70-130			
Lead	0.051	0.00050	mg/L	0.05000	ND	103	70-130			
Manganese	0.051	0.00025	mg/L	0.05000	0.0013	100	70-130			
Molybdenum	0.050	0.00025	mg/L	0.05000	0.00049	100	70-130			
Nickel	0.050	0.00050	mg/L	0.05000	0.000082	101	70-130			
Selenium	0.061	0.0025	mg/L	0.05000	ND	122	70-130			
Thallium	0.049	0.00050	mg/L	0.05000	0.000044	99	70-130			
Uranium	0.051	0.00050	mg/L	0.05000	0.00010	102	70-130			
Zinc	0.12	0.040	mg/L	0.1000	ND	115	70-130			
Batch 2508328 - E200.7 (4.4)										
Blank (2508328-BLK1)				Prepared & Analyzed: 09/04/2025						
Iron	ND	0.33	mg/L							
LCS (2508328-BS1)				Prepared & Analyzed: 09/04/2025						
Iron	1.0	0.33	mg/L	1.111		94	85-115			
LCS Dup (2508328-BSD1)				Prepared & Analyzed: 09/04/2025						
Iron	1.0	0.33	mg/L	1.111		93	85-115	0.7	20	
Matrix Spike (2508328-MS1)		**Source: 25H0605-02**		Prepared & Analyzed: 09/04/2025						
Iron	ND	0.33	mg/L	1.111	ND		70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Date Received: 08/21/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508328 - E200.7 (4.4)										
Matrix Spike (2508328-MS2)		**Source: 25H0620-01**		Prepared & Analyzed: 09/04/2025						
Iron	0.041	0.33	mg/L	1.111	1.0	NR	70-130			
Batch 2509048 - EPA 200.7 (4.4)										
Blank (2509048-BLK1)				Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.86	5.0	mg/L							
LCS (2509048-BS1)				Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	9.5	4.0	mg/L	10.00		95	85-115			
Magnesium	9.3	3.0	mg/L	10.00		93	85-115			
Potassium	9.7	5.0	mg/L	10.00		97	85-115			
Sodium	10	5.0	mg/L	10.00		101	85-115			
LCS Dup (2509048-BSD1)				Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	9.6	4.0	mg/L	10.00		96	85-115	0.2	20	
Magnesium	9.4	3.0	mg/L	10.00		94	85-115	0.7	20	
Potassium	9.7	5.0	mg/L	10.00		97	85-115	0.8	20	
Sodium	9.9	5.0	mg/L	10.00		99	85-115	2	20	
Matrix Spike (2509048-MS1)		**Source: 25H0590-05**		Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	46	4.0	mg/L	10.00	36	102	70-130			
Magnesium	25	3.0	mg/L	10.00	14	105	70-130			
Potassium	17	5.0	mg/L	10.00	5.7	110	70-130			
Sodium	110	5.0	mg/L	10.00	110	81	70-130			
Matrix Spike (2509048-MS2)		**Source: 25H0590-06**		Prepared: 09/01/2025 Analyzed: 09/04/2025						
Calcium	110	4.0	mg/L	10.00	100	49	70-130			M2
Magnesium	18	3.0	mg/L	10.00	8.5	91	70-130			
Potassium	14	5.0	mg/L	10.00	4.4	101	70-130			
Sodium	210	5.0	mg/L	10.00	200	23	70-130			M2
Batch 2509055 - EPA 245.1										
Blank (2509055-BLK1)				Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	ND	0.0010	mg/L							
LCS (2509055-BS1)				Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0048	0.0010	mg/L	0.005000		96	85-115			
LCS Dup (2509055-BSD1)				Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0044	0.0010	mg/L	0.005000		88	85-115	8	20	
Matrix Spike (2509055-MS1)		**Source: 25H0524-01**		Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	92	70-130			
Matrix Spike (2509055-MS2)		**Source: 25H0524-02**		Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0047	0.0010	mg/L	0.005000	ND	93	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Date Received: 08/21/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509055 - EPA 245.1										
Matrix Spike Dup (2509055-MSD1)		**Source: 25H0524-01**		Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	92	70-130	0.1	20	
Matrix Spike Dup (2509055-MSD2)		**Source: 25H0524-02**		Prepared: 09/05/2025 Analyzed: 09/07/2025						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	93	70-130	0.5	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Date Received: 08/21/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508273 - SM4500-CN BE										
Blank (2508273-BLK1)				Prepared & Analyzed: 08/27/2025						
Cyanide	ND	0.10	mg/L							
LCS (2508273-BS1)				Prepared & Analyzed: 08/27/2025						
Cyanide	2.0	0.10	mg/L	2.000		102	85-115			
LCS Dup (2508273-BSD1)				Prepared & Analyzed: 08/27/2025						
Cyanide	2.1	0.10	mg/L	2.000		106	85-115	4	15	
Matrix Spike (2508273-MS1)		**Source: 25H0684-01**		Prepared & Analyzed: 08/27/2025						
Cyanide	2.3	0.10	mg/L	2.000	ND	116	80-120			
Matrix Spike Dup (2508273-MSD1)		**Source: 25H0684-01**		Prepared & Analyzed: 08/27/2025						
Cyanide	2.2	0.10	mg/L	2.000	ND	111	80-120	4	15	
Batch 2508282 - SM2540 C										
Duplicate (2508282-DUP1)		**Source: 25H0601-06**		Prepared: 08/28/2025 Analyzed: 09/05/2025						
Total Dissolved Solids (Residue, Filterable)	16000	20	mg/L		16000			0.6	5	
Duplicate (2508282-DUP2)		**Source: 25H0601-07**		Prepared: 08/28/2025 Analyzed: 09/05/2025						
Total Dissolved Solids (Residue, Filterable)	180000	20	mg/L		180000			0.08	5	
Batch 2509001 - SM2320B										
Blank (2509001-BLK1)				Prepared & Analyzed: 09/01/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2509001-BS1)				Prepared & Analyzed: 09/01/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110			
LCS Dup (2509001-BSD1)				Prepared & Analyzed: 09/01/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		95	90-110	2	10	
Matrix Spike (2509001-MS1)		**Source: 25H0636-01**		Prepared & Analyzed: 09/01/2025						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	40	94	70-130			
Matrix Spike Dup (2509001-MSD1)		**Source: 25H0636-01**		Prepared & Analyzed: 09/01/2025						
Alkalinity, Total (As CaCO3)	280	2.0	mg/L	250.0	40	94	70-130	0.7	10	
Batch 2509019 - SM 4500-NH3 B, F										
Blank (2509019-BLK1)				Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2509019-BS1)				Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		108	90-110			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Date Received: 08/21/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509019 - SM 4500-NH3 B, F										
LCS Dup (2509019-BSD1)				Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	2.8	0.50	mg/L	2.500		110	90-110	3	10	
Matrix Spike (2509019-MS1)		**Source: 25H0485-01**		Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2509019-MSD1)		**Source: 25H0485-01**		Prepared & Analyzed: 09/03/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2
Batch 2509036 - EPA 351.2										
Blank (2509036-BLK1)				Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2509036-BS1)				Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000		98	80-120			
LCS Dup (2509036-BSD1)				Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		99	80-120	1	20	
Matrix Spike (2509036-MS1)		**Source: 25H0524-01**		Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.5	0.50	mg/L	5.000	0.38	82	80-120			
Matrix Spike (2509036-MS2)		**Source: 25H0697-02**		Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000	ND	98	80-120			
Matrix Spike Dup (2509036-MSD1)		**Source: 25H0524-01**		Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.8	0.50	mg/L	5.000	0.38	88	80-120	6	20	
Matrix Spike Dup (2509036-MSD2)		**Source: 25H0697-02**		Prepared & Analyzed: 09/04/2025						
Nitrogen, Total Kjeldahl	4.7	0.50	mg/L	5.000	ND	95	80-120	3	20	
Batch 2509041 - SM4500-H+ B										
Duplicate (2509041-DUP1)		**Source: 25H0620-04**		Prepared & Analyzed: 09/04/2025						
pH (pH Units)	7.4		-		7.4			0	200	H5
Temperature (°C)	24		-		24			0.4	200	H5

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Date Received: 08/21/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509027 - SW8260B										
Blank (2509027-BLK1)				Prepared & Analyzed: 09/02/2025						
Benzene	0.078	0.50	ug/L							
Carbon disulfide	0.57	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*58.3*		*ug/L*	*50.00*		*117*	*70-130*			
Surrogate: Dibromofluoromethane	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Toluene-d8	*56.6*		*ug/L*	*50.00*		*113*	*70-130*			
LCS (2509027-BS1)				Prepared & Analyzed: 09/02/2025						
1,1-Dichloroethene	65	0.50	ug/L	50.00		130	70-130			
Benzene	54	0.50	ug/L	50.00		108	70-130			
Chlorobenzene	53	0.50	ug/L	50.00		106	70-130			
Toluene	54	0.50	ug/L	50.00		108	70-130			
Trichloroethene	53	0.50	ug/L	50.00		106	70-130			
Surrogate: 4-Bromofluorobenzene	*53.5*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*47.8*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*51.5*		*ug/L*	*50.00*		*103*	*70-130*			
LCS Dup (2509027-BSD1)				Prepared & Analyzed: 09/02/2025						
1,1-Dichloroethene	62	0.50	ug/L	50.00		124	70-130	4	30	
Benzene	52	0.50	ug/L	50.00		104	70-130	5	30	
Chlorobenzene	49	0.50	ug/L	50.00		99	70-130	7	30	
Toluene	51	0.50	ug/L	50.00		103	70-130	5	30	
Trichloroethene	51	0.50	ug/L	50.00		101	70-130	5	30	
Surrogate: 4-Bromofluorobenzene	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*48.7*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Matrix Spike (2509027-MS1)		**Source: 25H0620-01**		Prepared: 09/02/2025 Analyzed: 09/03/2025						
1,1-Dichloroethene	27	0.50	ug/L	50.00	ND	54	70-130			M2
Benzene	31	0.50	ug/L	50.00	ND	61	70-130			M2
Chlorobenzene	35	0.50	ug/L	50.00	ND	71	70-130			
Toluene	32	0.50	ug/L	50.00	0.11	64	70-130			M2
Trichloroethene	29	0.50	ug/L	50.00	ND	59	70-130			M2
Surrogate: 4-Bromofluorobenzene	*52.8*		*ug/L*	*50.00*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*48.9*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*51.7*		*ug/L*	*50.00*		*103*	*70-130*			
Matrix Spike (2509027-MS2)		**Source: 25H0636-04**		Prepared: 09/02/2025 Analyzed: 09/03/2025						
1,1-Dichloroethene	29	0.50	ug/L	50.00	ND	57	70-130			M2
Benzene	33	0.50	ug/L	50.00	ND	66	70-130			M2
Chlorobenzene	38	0.50	ug/L	50.00	ND	76	70-130			
Toluene	34	0.50	ug/L	50.00	ND	67	70-130			M2
Trichloroethene	32	0.50	ug/L	50.00	ND	63	70-130			M2
Surrogate: 4-Bromofluorobenzene	*50.2*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Dibromofluoromethane	*47.1*		*ug/L*	*50.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*49.3*		*ug/L*	*50.00*		*99*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Date Received: 08/21/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509027 - SW8260B										
Matrix Spike Dup (2509027-MSD1)	**Source: 25H0620-01**			Prepared: 09/02/2025 Analyzed: 09/03/2025						
1,1-Dichloroethene	30	0.50	ug/L	50.00	ND	59	70-130	9	30	M2
Benzene	33	0.50	ug/L	50.00	ND	66	70-130	7	30	M2
Chlorobenzene	39	0.50	ug/L	50.00	ND	78	70-130	9	30	
Toluene	35	0.50	ug/L	50.00	0.11	70	70-130	8	30	M2
Trichloroethene	32	0.50	ug/L	50.00	ND	64	70-130	8	30	M2
Surrogate: 4-Bromofluorobenzene	*51.0*		*ug/L*	*50.00*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*46.7*		*ug/L*	*50.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*50.3*		*ug/L*	*50.00*		*101*	*70-130*			
Matrix Spike Dup (2509027-MSD2)	**Source: 25H0636-04**			Prepared: 09/02/2025 Analyzed: 09/03/2025						
1,1-Dichloroethene	31	0.50	ug/L	50.00	ND	62	70-130	7	30	M2
Benzene	35	0.50	ug/L	50.00	ND	69	70-130	5	30	M2
Chlorobenzene	40	0.50	ug/L	50.00	ND	80	70-130	5	30	
Toluene	36	0.50	ug/L	50.00	ND	72	70-130	6	30	
Trichloroethene	33	0.50	ug/L	50.00	ND	66	70-130	4	30	M2
Surrogate: 4-Bromofluorobenzene	*51.7*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*48.4*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*50.3*		*ug/L*	*50.00*		*101*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0620
Date Received: 08/21/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508234 - EPA 300.0 (2.1)										
Blank (2508234-BLK1)				Prepared & Analyzed: 08/22/2025						
Chloride	0.90	1.0	mg/L							B7
Fluoride	0.15	0.50	mg/L							
Nitrogen, Nitrate (As N)	0.21	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2508234-BS1)				Prepared & Analyzed: 08/22/2025						
Chloride	12	1.0	mg/L	12.50		97	90-110			
Fluoride	2.0	0.50	mg/L	2.000		101	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		96	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2508234-BSD1)				Prepared & Analyzed: 08/22/2025						
Chloride	12	1.0	mg/L	12.50		97	90-110	0.2	10	
Fluoride	2.0	0.50	mg/L	2.000		102	90-110	0.8	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110	0.03	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110	0.3	10	
Sulfate	13	5.0	mg/L	12.50		104	90-110	0.02	10	
Matrix Spike (2508234-MS1)		**Source: 25H0620-01**		Prepared: 08/22/2025 Analyzed: 09/10/2025						
Chloride	24	1.0	mg/L	12.50	9.9	113	80-120			
Fluoride	3.0	0.50	mg/L	2.000	0.84	108	80-120			
Nitrogen, Nitrate (As N)	6.3	0.50	mg/L	5.000	1.4	98	80-120			
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	103	80-120			
Sulfate	75	5.0	mg/L	12.50	63	101	80-120			
Matrix Spike (2508234-MS2)		**Source: 25H0620-02**		Prepared: 08/22/2025 Analyzed: 09/10/2025						
Chloride	25	1.0	mg/L	12.50	11	112	80-120			
Fluoride	3.3	0.50	mg/L	2.000	1.1	110	80-120			
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.52	97	80-120			
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	103	80-120			
Sulfate	30	5.0	mg/L	12.50	18	93	80-120			
Matrix Spike Dup (2508234-MSD1)		**Source: 25H0620-01**		Prepared: 08/22/2025 Analyzed: 09/10/2025						
Chloride	24	1.0	mg/L	12.50	9.9	112	80-120	0.06	10	
Fluoride	3.0	0.50	mg/L	2.000	0.84	108	80-120	0.1	10	
Nitrogen, Nitrate (As N)	6.3	0.50	mg/L	5.000	1.4	98	80-120	0.08	10	
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	103	80-120	0.1	10	
Sulfate	75	5.0	mg/L	12.50	63	100	80-120	0.1	10	
Matrix Spike Dup (2508234-MSD2)		**Source: 25H0620-02**		Prepared: 08/22/2025 Analyzed: 09/10/2025						
Chloride	25	1.0	mg/L	12.50	11	112	80-120	0.1	10	
Fluoride	3.3	0.50	mg/L	2.000	1.1	110	80-120	0.3	10	
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.52	97	80-120	0.1	10	
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	103	80-120	0.3	10	
Sulfate	30	5.0	mg/L	12.50	18	93	80-120	0.3	10	

TURNER LABORATORIES INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE _____ PAGE _____ OF _____

PROJECT NAME _____ # _____

CONTACT NAME _____

COMPANY NAME _____

ADDRESS _____

ZIP _____ PHONE _____ EMAIL _____

SAMPLER'S SIGNATURE _____

NUMBER OF CONTAINERS

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	Base Neutrals 625/8270	Acids	Volatile Organics 624	524.2	TTHMS	8260 HAAS	Chloride	Sulfate	Resistivity	NO_3	NO_2	TKN	1664	TPH	Oil & Grease	TCLP Analysis	VOA	Semi-VOA	Post	TCLP	Metals	Dissolved	Total	RCRA 8	Total	Cyanide	Amen.	WAD	SDWA INORGANICS PRIMARY	SECONDARY	Coliform	MPN	PIA	pH	Fecal	Cl_2	Turb	COD	TSS	BOD				

1. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
____ Standard (approx. 10 days)*
____ Next Day ____ 2 Day ____ 5 Day*
____ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
____ I. Routine Report
____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
____ III. Data Validation Report (Includes All Raw Data) Add 10% to Invoice

INVOICE INFORMATION:
Account ____ Y ____ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers _____
Temperature 2.5°C
☑ Wet Ice
☐ Ambient
☐ Blue Ice
IR # 45

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Printed Name
TURNER LABORATORIES, INC.
Firm
5/21/20 23 16:12
Date/Time

* LEGEND
SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No		Custody Seals ☐	Preservation Confirmation ☑
CMDP Deliverable: ☐ Yes ☐ No		Container Intact ☒	Appropriate Head Space ☒
Submit To CMDP: ☐ Yes ☐ No		COC / Labels Agree ☑	Received Within Hold Time ☑

SPECIAL INSTRUCTIONS/COMMENTS:

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 21, 2025
Sample Received: August 25, 2025
Analysis Completed: September 09, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25H0620-01	4.5 ± 0.5	4.2 ± 0.7	0.3 ± 0.9	< 2.5	< 0.6	< 0.8	< 0.8

Analysis Date/Time	9/4/2025	9/2/2025	9/4/2025	9/4/2025	9/4/2025	9/4/2025	9/4/2025
	16:32	12:44	16:32	17:15	4:39	4:39	4:39

September 9, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 21, 2025
Sample Received: August 25, 2025
Uranium Analysis Date: September 02, 2025
Uranium Analysis Time: 12:44

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25H0620-01	1.1 ± 0.3	0.050 ± 0.002	3.0 ± 0.4	4.2 ± 0.7	Activity (pCi/L)
	3.2 ± 0.8	0.023 ± 0.001	0.00049 ± 0.00007	3.2 ± 0.8	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P. — September 9, 2025 Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 21, 2025 (Sample Date) 8:30 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/4/2025	0.3 ± 0.9		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/4/2025	4.5 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/2/2025	3.2 ± 0.8	µg/L	
			Uranium 234	4007	9/2/2025	0.00049 ± 0.00007		
			Uranium 235	4008	9/2/2025	0.023 ± 0.001		
			Uranium 238	4009	9/2/2025	3.2 ± 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/4/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/4/2025	< 0.6		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/4/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77936

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0620-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 21, 2025 (Sample Date) 8:30 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/4/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77936

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0620-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST.• CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 21, 2025
Sample Received: August 25, 2025
Analysis Completed: September 09, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25H0620-02	5.2 ± 0.5	4.7 ± 0.7	0.5 ± 0.9	4.3 ± 1.2	< 0.6	< 0.8	< 0.8

Analysis Date/Time	9/5/2025	9/2/2025	9/5/2025	9/7/2025	9/4/2025	9/4/2025	9/4/2025
	20:57	16:46	20:57	2:01	8:41	8:41	8:41

September 9, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 21, 2025
Sample Received: August 25, 2025
Uranium Analysis Date: September 02, 2025
Uranium Analysis Time: 16:46

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25H0620-02	1.5 ± 0.3	0.072 ± 0.002	3.1 ± 0.4	4.7 ± 0.7	Activity (pCi/L)
	4.6 ± 0.9	0.034 ± 0.001	0.00050 ± 0.00007	4.6 ± 0.9	Content (µg/L)
	Comments:				

September 9, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 21, 2025 (Sample Date) 10:13 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/5/2025	0.5 ± 0.9		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/5/2025	5.2 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/2/2025	4.6 ± 0.9	µg/L	
			Uranium 234	4007	9/2/2025	0.00050 ± 0.00007		
			Uranium 235	4008	9/2/2025	0.034 ± 0.001		
			Uranium 238	4009	9/2/2025	4.6 ± 0.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/4/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/4/2025	< 0.6		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/4/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

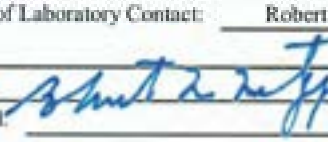
Specimen Number: RSE77937

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0620-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 21, 2025 (Sample Date) 10:13 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/7/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77937

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0620-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 21, 2025
Sample Received: August 25, 2025
Analysis Completed: September 09, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25H0620-03	4.4 ± 0.5	4.1 ± 0.7	0.3 ± 0.9	5.4 ± 1.3	< 0.6	< 0.8	< 0.8

Analysis Date/Time	9/5/2025 22:37	9/3/2025 9:28	9/5/2025 22:37	9/7/2025 5:22	9/4/2025 12:42	9/4/2025 12:42	9/4/2025 12:42

September 9, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 21, 2025
Sample Received: August 25, 2025
Uranium Analysis Date: September 03, 2025
Uranium Analysis Time: 9:28

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25H0620-03	1.3 ± 0.3	0.063 ± 0.002	2.7 ± 0.4	4.1 ± 0.7	Activity (pCi/L)
	4.0 ± 0.8	0.029 ± 0.001	0.00043 ± 0.00006	4.0 ± 0.8	Content (µg/L)
	Comments:				

September 9, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 21, 2025 _____ (24 hour clock)

Sample Date Sample Time

_____

Owner/Contact Person

_____

Owner/Contact Fax Number

_____

Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/5/2025	0.3 ± 0.9		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/5/2025	4.4 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/3/2025	4.0 ± 0.8	µg/L	
			Uranium 234	4007	9/3/2025	0.00043 ± 0.00006		
			Uranium 235	4008	9/3/2025	0.029 ± 0.001		
			Uranium 238	4009	9/3/2025	4.0 ± 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/4/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/4/2025	< 0.6		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/4/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

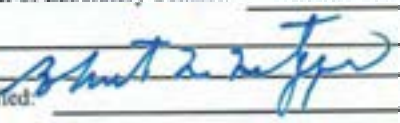
Specimen Number: RSE77938

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0620-03

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 21, 2025 _____ (24 hour clock) _____

Sample Date Sample Time Owner/Contact Person

_____ _____

Owner/Contact Fax Number Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring Date Q1 collected: _____

☐ Quarterly Date Q2 collected: _____

☐ Composite of four quarterly samples Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/7/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

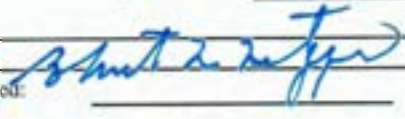
Specimen Number: RSE77938

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0620-03

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 21, 2025
Sample Received: August 25, 2025
Analysis Completed: September 09, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25H0620-04	1.3 ± 0.3	< 0.4	1.3 ± 0.3	6.7 ± 1.3	< 0.5	< 0.8	< 0.8

Analysis Date/Time	9/6/2025	9/3/2025	9/6/2025	9/7/2025	9/4/2025	9/4/2025	9/4/2025
	00:17	9:43	00:17	8:42	16:44	16:44	16:44

September 9, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 21, 2025
Sample Received: August 25, 2025
Uranium Analysis Date: September 03, 2025
Uranium Analysis Time: 9:43

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25H0620-04	< 0.3	< 0.002	< 0.3	< 0.4	Activity (pCi/L)
	< 0.8	< 0.001	< 0.00005	< 0.8	Content (µg/L)
	Comments:				

September 9, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 21, 2025 (Sample Date) 14:31 (Sample Time) (24 hour clock) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring Date Q1 collected: _____

☐ Quarterly Date Q2 collected: _____

☐ Composite of four quarterly samples Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/6/2025	1.3 ± 0.3		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/6/2025	1.3 ± 0.3		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/3/2025	< 0.8	µg/L	
			Uranium 234	4007	9/3/2025	< 0.00005		
			Uranium 235	4008	9/3/2025	< 0.001		
			Uranium 238	4009	9/3/2025	< 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/4/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/4/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/4/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

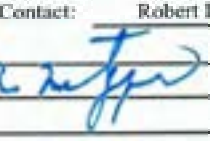
Specimen Number: RSE77939

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0620-04

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 21, 2025 (Sample Date) 14:31 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/7/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77939

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0620-04

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25H0620

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25H0620-01 Non-Potable Wa Sampled:08/21/2025 08:30			
Radiochemistry, Uranium	02/17/2026 08:30		
Radiochemistry, Radium 226/228	09/20/2025 08:30		77936
Radiochemistry, Gross Alpha Beta	02/17/2026 08:30		
Containers Supplied:			
Sample ID: 25H0620-02 Non-Potable Wa Sampled:08/21/2025 10:13			
Radiochemistry, Uranium	02/17/2026 10:13		
Radiochemistry, Radium 226/228	09/20/2025 10:13		77937
Radiochemistry, Gross Alpha Beta	02/17/2026 10:13		
Containers Supplied:			
Sample ID: 25H0620-03 Non-Potable Wa Sampled:08/21/2025 00:00			
Radiochemistry, Uranium	02/17/2026 00:00		
Radiochemistry, Radium 226/228	09/20/2025 00:00		77938
Radiochemistry, Gross Alpha Beta	02/17/2026 00:00		
Containers Supplied:			
Sample ID: 25H0620-04 Non-Potable Wa Sampled:08/21/2025 14:31			
Radiochemistry, Uranium	02/17/2026 14:31		
Radiochemistry, Radium 226/228	09/20/2025 14:31		77939
Radiochemistry, Gross Alpha Beta	02/17/2026 14:31		
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	8/22/25 1600	UPS	8/22/25 1600
Released By	Date	Received By	Date
		MS	8-25-25 13:05

September 23, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25H0656
Order Name: Groundwater
200994530000 619033

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 2 sample(s) on 08/25/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0656
Date Received: 08/25/2025

Order: Groundwater 200994530000 619033

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25H0656-01	POC - 05	Ground Water	08/25/2025 0930
25H0656-02	POC - 06	Ground Water	08/25/2025 1155

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0656
Date Received: 08/25/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

B1	Target analyte detected in the method blank at or above the method reporting limit.
B7	Target analyte detected in method blank at or above the method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.
E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 09/23/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0656
Lab Sample ID: 25H0656-01

Client Sample ID: POC - 05
Collection Date/Time: 08/25/2025 0930
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/18/2025 0911	09/18/2025 1436	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.24		0.60	J	mg/L	1	08/25/2025 1000	08/25/2025 1824	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.25	0.022	0.33	E4	mg/L	1	09/04/2025 0919	09/04/2025 2017	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Antimony	ND		0.0050		mg/L	10	08/29/2025 1951	09/12/2025 1729	RAR
Uranium	0.017		0.0050		mg/L	10	08/29/2025 1951	09/12/2025 1729	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	37		4.0		mg/L	1	09/04/2025 1024	09/08/2025 1501	RAR
Magnesium	7.7		3.0		mg/L	1	09/04/2025 1024	09/08/2025 1501	RAR
Potassium	3.3	0.14	5.0	E4	mg/L	1	09/04/2025 1024	09/08/2025 1501	RAR
Sodium	49		5.0		mg/L	1	09/04/2025 1024	09/08/2025 1501	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.28		0.040		mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Arsenic	0.0030		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Barium	0.099		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Beryllium	0.0013		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Chromium	0.00012	0.000023	0.00050	E4	mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Cobalt	0.00021	0.000010	0.00025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Copper	0.0083		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Manganese	0.17		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Molybdenum	0.052		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Nickel	0.0011		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Selenium	0.0010	0.00025	0.0025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0656
Lab Sample ID: 25H0656-01

Client Sample ID: POC - 05
Collection Date/Time: 08/25/2025 0930
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Uranium	0.020		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
Zinc	0.016	0.0023	0.040	E4	mg/L	1	08/29/2025 1417	09/16/2025 1805	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND		0.0010		mg/L	1	09/09/2025 1233	09/09/2025 1439	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	19		1.0	B7	mg/L	1	08/25/2025 1400	08/25/2025 1824	ES
Fluoride	2.5		0.50		mg/L	1	08/25/2025 1400	08/25/2025 1824	ES
Nitrogen, Nitrate (As N)	0.24	0.18	0.50	E4	mg/L	1	08/25/2025 1000	08/25/2025 1824	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	08/25/2025 1000	08/25/2025 1824	ES
Sulfate	25		5.0		mg/L	1	08/25/2025 1400	08/25/2025 1824	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/18/2025 0911	09/18/2025 1436	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	09/14/2025 0946	09/14/2025 1330	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	210		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Alkalinity, Total (As CaCO3)	210		2.0		mg/L	1	09/01/2025 0835	09/01/2025 1253	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	320		20		mg/L	1	08/28/2025 0832	09/05/2025 1430	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/27/2025 1030	08/27/2025 1507	ES
pH-SM4500-H+ B									

Turner Laboratories, Inc.

Date: 09/23/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0656
Lab Sample ID: 25H0656-01

Client Sample ID: POC - 05
Collection Date/Time: 08/25/2025 0930
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.7			H5	-	1	09/07/2025 1339	09/07/2025 1357	RAR
Temperature (°C)	24			H5	-	1	09/07/2025 1339	09/07/2025 1357	RAR
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/02/2025 0800	09/03/2025 0405	PB
Carbon disulfide	0.81	0.11	2.0	E4	ug/L	1	09/02/2025 0800	09/03/2025 0405	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/02/2025 0800	09/03/2025 0405	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	09/02/2025 0800	09/03/2025 0405	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/02/2025 0800	09/03/2025 0405	PB
Surr: 4-Bromofluorobenzene	*102*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/03/2025 405*	*PB*
Surr: Dibromofluoromethane	*92*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/03/2025 405*	*PB*
Surr: Toluene-d8	*99*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/03/2025 405*	*PB*

Turner Laboratories, Inc.

Date: 09/23/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0656
Lab Sample ID: 25H0656-02

Client Sample ID: POC - 06
Collection Date/Time: 08/25/2025 1155
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/18/2025 0911	09/18/2025 1436	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.22		0.60	J	mg/L	1	08/25/2025 1400	08/25/2025 1843	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.042	0.022	0.33	E4	mg/L	1	09/04/2025 0919	09/04/2025 2020	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Antimony	ND		0.0050		mg/L	10	08/29/2025 1951	09/12/2025 1741	RAR
Uranium	0.0090		0.0050		mg/L	10	08/29/2025 1951	09/12/2025 1741	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	51		4.0		mg/L	1	09/04/2025 1024	09/08/2025 1504	RAR
Magnesium	14		3.0		mg/L	1	09/04/2025 1024	09/08/2025 1504	RAR
Potassium	4.6	0.14	5.0	E4	mg/L	1	09/04/2025 1024	09/08/2025 1504	RAR
Sodium	41		5.0		mg/L	1	09/04/2025 1024	09/08/2025 1504	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.015	0.013	0.040	E4	mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Antimony	0.0021		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Arsenic	0.0031		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Barium	0.063		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Beryllium	0.00013	0.000013	0.00025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Chromium	0.00030	0.000023	0.00050	E4	mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Cobalt	0.00013	0.000010	0.00025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Copper	0.0030		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Manganese	0.013		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Molybdenum	0.14		0.00025		mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Nickel	0.0018		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Selenium	0.0013	0.00025	0.0025	E4	mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Uranium	0.0098		0.00050		mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR
Zinc	0.045		0.040		mg/L	1	08/29/2025 1417	09/16/2025 1808	RAR

Turner Laboratories, Inc.

Date: 09/23/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0656
Lab Sample ID: 25H0656-02

Client Sample ID: POC - 06
Collection Date/Time: 08/25/2025 1155
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND		0.0010		mg/L	1	09/09/2025 1233	09/09/2025 1442	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	30		5.0	B7	mg/L	5	08/25/2025 1400	09/22/2025 1258	ES
Fluoride	2.6		0.50		mg/L	1	08/25/2025 1400	08/25/2025 1843	ES
Nitrogen, Nitrate (As N)	0.22	0.18	0.50	E4	mg/L	1	08/25/2025 1400	08/25/2025 1843	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	08/25/2025 1400	08/25/2025 1843	ES
Sulfate	83		5.0		mg/L	1	08/25/2025 1400	08/25/2025 1843	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/18/2025 0911	09/18/2025 1436	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	09/14/2025 0946	09/14/2025 1330	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	170		2.0		mg/L	1	09/07/2025 0837	09/07/2025 1147	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/07/2025 0837	09/07/2025 1147	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/07/2025 0837	09/07/2025 1147	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/07/2025 0837	09/07/2025 1147	RAR
Alkalinity, Total (As CaCO3)	170		2.0		mg/L	1	09/07/2025 0837	09/07/2025 1147	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	290		20		mg/L	1	08/28/2025 0832	09/05/2025 1430	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	08/27/2025 1030	08/27/2025 1507	ES
pH-SM4500-H+ B									
pH (pH Units)	7.7			H5	-	1	09/07/2025 1339	09/07/2025 1358	RAR

Turner Laboratories, Inc.

Date: 09/23/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0656
Lab Sample ID: 25H0656-02

Client Sample ID: POC - 06
Collection Date/Time: 08/25/2025 1155
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	24			H5	-	1	09/07/2025 1339	09/07/2025 1358	RAR
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/02/2025 0800	09/03/2025 0441	PB
Carbon disulfide	0.72	0.11	2.0	E4	ug/L	1	09/02/2025 0800	09/03/2025 0441	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/02/2025 0800	09/03/2025 0441	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	09/02/2025 0800	09/03/2025 0441	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/02/2025 0800	09/03/2025 0441	PB
Surr: 4-Bromofluorobenzene	*100*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/03/2025 441*	*PB*
Surr: Dibromofluoromethane	*91*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/03/2025 441*	*PB*
Surr: Toluene-d8	*97*	*70-130*			*%REC*	*1*	*09/02/2025 0800*	*09/03/2025 441*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0656
Date Received: 08/25/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508314 - E200.8 (5.4)										
Blank (2508314-BLK1)				Prepared: 08/29/2025 Analyzed: 09/12/2025						
Antimony	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
LCS (2508314-BS1)				Prepared: 08/29/2025 Analyzed: 09/12/2025						
Antimony	0.051	0.00050	mg/L	0.05000		102	85-115			
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115			
LCS Dup (2508314-BSD1)				Prepared: 08/29/2025 Analyzed: 09/12/2025						
Antimony	0.052	0.00050	mg/L	0.05000		103	85-115	1	20	
Uranium	0.053	0.00050	mg/L	0.05000		106	85-115	1	20	
Matrix Spike (2508314-MS1)		**Source: 25H0447-01**		Prepared: 08/29/2025 Analyzed: 09/12/2025						
Antimony	0.074	0.0050	mg/L	0.05000	0.022	105	70-130			
Uranium	0.062	0.0050	mg/L	0.05000	0.0019	121	70-130			
Matrix Spike (2508314-MS2)		**Source: 25H0599-01**		Prepared: 08/29/2025 Analyzed: 09/12/2025						
Antimony	0.054	0.0050	mg/L	0.05000	0.00094	107	70-130			
Uranium	0.079	0.0050	mg/L	0.05000	0.016	126	70-130			
Batch 2508317 - EPA 200.8 (5.4)										
Blank (2508317-BLK1)				Prepared & Analyzed: 09/16/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	0.000036	0.00050	mg/L							
Beryllium	0.000027	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	0.000077	0.00050	mg/L							
Cobalt	0.000022	0.00025	mg/L							
Copper	0.00021	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.000084	0.00025	mg/L							
Molybdenum	0.000092	0.00025	mg/L							
Nickel	0.000016	0.00050	mg/L							
Selenium	0.00025	0.0025	mg/L							
Thallium	0.000031	0.00050	mg/L							
Uranium	0.000033	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0656
Date Received: 08/25/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508317 - EPA 200.8 (5.4)										
LCS (2508317-BS1)				Prepared & Analyzed: 09/16/2025						
Aluminum	0.094	0.040	mg/L	0.1000		94	85-115			
Antimony	0.050	0.00050	mg/L	0.05000		100	85-115			
Arsenic	0.050	0.00050	mg/L	0.05000		99	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.050	0.00025	mg/L	0.05000		101	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		101	85-115			
Chromium	0.049	0.00050	mg/L	0.05000		98	85-115			
Cobalt	0.049	0.00025	mg/L	0.05000		98	85-115			
Copper	0.049	0.00050	mg/L	0.05000		98	85-115			
Lead	0.051	0.00050	mg/L	0.05000		102	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		101	85-115			
Molybdenum	0.050	0.00025	mg/L	0.05000		100	85-115			
Nickel	0.049	0.00050	mg/L	0.05000		97	85-115			
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115			
Uranium	0.050	0.00050	mg/L	0.05000		99	85-115			
Zinc	0.099	0.040	mg/L	0.1000		99	85-115			
LCS Dup (2508317-BSD1)				Prepared & Analyzed: 09/16/2025						
Aluminum	0.094	0.040	mg/L	0.1000		94	85-115	0.4	20	
Antimony	0.050	0.00050	mg/L	0.05000		99	85-115	0.5	20	
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115	0.7	20	
Barium	0.052	0.00050	mg/L	0.05000		103	85-115	0.7	20	
Beryllium	0.050	0.00025	mg/L	0.05000		100	85-115	0.7	20	
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115	0.7	20	
Chromium	0.049	0.00050	mg/L	0.05000		98	85-115	0.02	20	
Cobalt	0.049	0.00025	mg/L	0.05000		97	85-115	0.4	20	
Copper	0.049	0.00050	mg/L	0.05000		99	85-115	0.3	20	
Lead	0.051	0.00050	mg/L	0.05000		102	85-115	0.7	20	
Manganese	0.050	0.00025	mg/L	0.05000		99	85-115	2	20	
Molybdenum	0.049	0.00025	mg/L	0.05000		99	85-115	1	20	
Nickel	0.049	0.00050	mg/L	0.05000		99	85-115	1	20	
Selenium	0.049	0.0025	mg/L	0.05000		99	85-115	0.9	20	
Thallium	0.049	0.00050	mg/L	0.05000		97	85-115	1	20	
Uranium	0.049	0.00050	mg/L	0.05000		99	85-115	0.8	20	
Zinc	0.099	0.040	mg/L	0.1000		99	85-115	0.4	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0656
Date Received: 08/25/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508317 - EPA 200.8 (5.4)										
Matrix Spike (2508317-MS1)		**Source: 25H0579-02**		Prepared & Analyzed: 09/16/2025						
Aluminum	0.13	0.040	mg/L	0.1000	0.028	99	70-130			
Antimony	0.059	0.00050	mg/L	0.05000	0.0010	116	70-130			
Arsenic	0.064	0.00050	mg/L	0.05000	0.0050	119	70-130			
Barium	0.13	0.00050	mg/L	0.05000	0.068	116	70-130			
Beryllium	0.056	0.00025	mg/L	0.05000	0.000041	112	70-130			
Cadmium	0.054	0.00025	mg/L	0.05000	ND	108	70-130			
Chromium	0.053	0.00050	mg/L	0.05000	0.00059	106	70-130			
Cobalt	0.052	0.00025	mg/L	0.05000	0.00040	102	70-130			
Copper	0.053	0.00050	mg/L	0.05000	0.0050	95	70-130			
Lead	0.057	0.00050	mg/L	0.05000	0.00011	115	70-130			
Manganese	ND	0.00025	mg/L	0.05000	0.69	NR	70-130			
Molybdenum	0.16	0.00025	mg/L	0.05000	0.11	114	70-130			
Nickel	0.051	0.00050	mg/L	0.05000	0.0016	100	70-130			
Selenium	0.061	0.0025	mg/L	0.05000	0.0015	118	70-130			
Thallium	0.056	0.00050	mg/L	0.05000	0.000044	111	70-130			
Uranium	0.074	0.00050	mg/L	0.05000	0.013	123	70-130			
Zinc	0.12	0.040	mg/L	0.1000	0.015	101	70-130			
Matrix Spike (2508317-MS2)		**Source: 25H0600-01**		Prepared & Analyzed: 09/16/2025						
Aluminum	0.096	0.040	mg/L	0.1000	ND	96	70-130			
Antimony	0.053	0.00050	mg/L	0.05000	0.000051	106	70-130			
Arsenic	0.055	0.00050	mg/L	0.05000	0.00011	111	70-130			
Barium	0.053	0.00050	mg/L	0.05000	0.00018	105	70-130			
Beryllium	0.054	0.00025	mg/L	0.05000	0.000038	109	70-130			
Cadmium	0.055	0.00025	mg/L	0.05000	ND	110	70-130			
Chromium	0.050	0.00050	mg/L	0.05000	0.00015	100	70-130			
Cobalt	0.050	0.00025	mg/L	0.05000	0.000044	99	70-130			
Copper	0.051	0.00050	mg/L	0.05000	ND	102	70-130			
Lead	0.051	0.00050	mg/L	0.05000	ND	103	70-130			
Manganese	0.051	0.00025	mg/L	0.05000	0.0013	100	70-130			
Molybdenum	0.050	0.00025	mg/L	0.05000	0.00049	100	70-130			
Nickel	0.050	0.00050	mg/L	0.05000	0.000082	101	70-130			
Selenium	0.061	0.0025	mg/L	0.05000	ND	122	70-130			
Thallium	0.049	0.00050	mg/L	0.05000	0.000044	99	70-130			
Uranium	0.051	0.00050	mg/L	0.05000	0.00010	102	70-130			
Zinc	0.12	0.040	mg/L	0.1000	ND	115	70-130			
Batch 2508328 - E200.7 (4.4)										
Blank (2508328-BLK1)				Prepared & Analyzed: 09/04/2025						
Iron	ND	0.33	mg/L							
LCS (2508328-BS1)				Prepared & Analyzed: 09/04/2025						
Iron	1.0	0.33	mg/L	1.111		94	85-115			
LCS Dup (2508328-BSD1)				Prepared & Analyzed: 09/04/2025						
Iron	1.0	0.33	mg/L	1.111		93	85-115	0.7	20	
Matrix Spike (2508328-MS1)		**Source: 25H0605-02**		Prepared: 09/04/2025 Analyzed: 09/18/2025						
Iron	1.1	0.33	mg/L	1.111	ND	99	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508328 - E200.7 (4.4)										
Matrix Spike (2508328-MS2)		**Source: 25H0620-01**		Prepared: 09/04/2025 Analyzed: 09/18/2025						
Iron	2.2	0.33	mg/L	1.111	1.0	100	70-130			
Batch 2509073 - EPA 200.7 (4.4)										
Blank (2509073-BLK1)				Prepared: 09/04/2025 Analyzed: 09/08/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.2	5.0	mg/L							
LCS (2509073-BS1)				Prepared: 09/04/2025 Analyzed: 09/08/2025						
Calcium	9.5	4.0	mg/L	10.00		95	85-115			
Magnesium	9.4	3.0	mg/L	10.00		94	85-115			
Potassium	9.6	5.0	mg/L	10.00		96	85-115			
Sodium	9.9	5.0	mg/L	10.00		99	85-115			
LCS Dup (2509073-BSD1)				Prepared: 09/04/2025 Analyzed: 09/08/2025						
Calcium	9.6	4.0	mg/L	10.00		96	85-115	0.8	20	
Magnesium	9.5	3.0	mg/L	10.00		95	85-115	0.7	20	
Potassium	9.7	5.0	mg/L	10.00		97	85-115	2	20	
Sodium	10	5.0	mg/L	10.00		100	85-115	0.8	20	
Matrix Spike (2509073-MS1)		**Source: 25H0634-01**		Prepared: 09/04/2025 Analyzed: 09/08/2025						
Calcium	48	4.0	mg/L	10.00	39	90	70-130			
Magnesium	14	3.0	mg/L	10.00	3.4	101	70-130			
Potassium	21	5.0	mg/L	10.00	10	108	70-130			
Sodium	25	5.0	mg/L	10.00	16	95	70-130			
Matrix Spike (2509073-MS2)		**Source: 25H0635-01**		Prepared: 09/04/2025 Analyzed: 09/08/2025						
Calcium	48	4.0	mg/L	10.00	39	89	70-130			
Magnesium	21	3.0	mg/L	10.00	12	96	70-130			
Potassium	18	5.0	mg/L	10.00	7.8	103	70-130			
Sodium	18	5.0	mg/L	10.00	8.4	93	70-130			
Batch 2509088 - EPA 245.1										
Blank (2509088-BLK1)				Prepared & Analyzed: 09/09/2025						
Mercury	ND	0.0010	mg/L							
LCS (2509088-BS1)				Prepared & Analyzed: 09/09/2025						
Mercury	0.0050	0.0010	mg/L	0.005000		100	85-115			
LCS Dup (2509088-BSD1)				Prepared & Analyzed: 09/09/2025						
Mercury	0.0049	0.0010	mg/L	0.005000		98	85-115	2	20	
Matrix Spike (2509088-MS1)		**Source: 25H0636-01**		Prepared & Analyzed: 09/09/2025						
Mercury	0.0058	0.0010	mg/L	0.005000	0.00072	101	70-130			
Matrix Spike (2509088-MS2)		**Source: 25H0636-02**		Prepared & Analyzed: 09/09/2025						
Mercury	0.0049	0.0010	mg/L	0.005000	0.00031	93	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509088 - EPA 245.1										
Matrix Spike Dup (2509088-MSD1)		**Source: 25H0636-01**		Prepared & Analyzed: 09/09/2025						
Mercury	0.0057	0.0010	mg/L	0.005000	0.00072	100	70-130	1	20	
Matrix Spike Dup (2509088-MSD2)		**Source: 25H0636-02**		Prepared & Analyzed: 09/09/2025						
Mercury	0.0049	0.0010	mg/L	0.005000	0.00031	92	70-130	0.8	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508273 - SM4500-CN BE										
Blank (2508273-BLK1)				Prepared & Analyzed: 08/27/2025						
Cyanide	ND	0.10	mg/L							
LCS (2508273-BS1)				Prepared & Analyzed: 08/27/2025						
Cyanide	2.0	0.10	mg/L	2.000		102	85-115			
LCS Dup (2508273-BSD1)				Prepared & Analyzed: 08/27/2025						
Cyanide	2.1	0.10	mg/L	2.000		106	85-115	4	15	
Matrix Spike (2508273-MS1)		**Source: 25H0684-01**		Prepared & Analyzed: 08/27/2025						
Cyanide	2.3	0.10	mg/L	2.000	ND	116	80-120			
Matrix Spike Dup (2508273-MSD1)		**Source: 25H0684-01**		Prepared & Analyzed: 08/27/2025						
Cyanide	2.2	0.10	mg/L	2.000	ND	111	80-120	4	15	
Batch 2508282 - SM2540 C										
Duplicate (2508282-DUP1)		**Source: 25H0601-06**		Prepared: 08/28/2025 Analyzed: 09/05/2025						
Total Dissolved Solids (Residue, Filterable)	16000	20	mg/L		16000			0.6	5	
Duplicate (2508282-DUP2)		**Source: 25H0601-07**		Prepared: 08/28/2025 Analyzed: 09/05/2025						
Total Dissolved Solids (Residue, Filterable)	180000	20	mg/L		180000			0.08	5	
Batch 2509001 - SM2320B										
Blank (2509001-BLK1)				Prepared & Analyzed: 09/01/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2509001-BS1)				Prepared & Analyzed: 09/01/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110			
LCS Dup (2509001-BSD1)				Prepared & Analyzed: 09/01/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		95	90-110	2	10	
Matrix Spike (2509001-MS1)		**Source: 25H0636-01**		Prepared & Analyzed: 09/01/2025						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	40	94	70-130			
Matrix Spike Dup (2509001-MSD1)		**Source: 25H0636-01**		Prepared & Analyzed: 09/01/2025						
Alkalinity, Total (As CaCO3)	280	2.0	mg/L	250.0	40	94	70-130	0.7	10	
Batch 2509063 - SM4500-H+ B										
Duplicate (2509063-DUP1)		**Source: 25H0597-01**		Prepared & Analyzed: 09/07/2025						
pH (pH Units)	7.9		-		7.8			0.9	200	
Temperature (°C)	24		-		24			0	200	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509063 - SM4500-H+ B										
Duplicate (2509063-DUP2)	**Source: 25H0728-01**			Prepared & Analyzed: 09/07/2025						
pH (pH Units)	7.0		-		6.9			0.4	200	
Temperature (°C)	24		-		24			0	200	
Batch 2509066 - SM2320B										
Blank (2509066-BLK1)				Prepared & Analyzed: 09/07/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2509066-BS1)				Prepared & Analyzed: 09/07/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		98	90-110			
LCS Dup (2509066-BSD1)				Prepared & Analyzed: 09/07/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		99	90-110	0.8	10	
Matrix Spike (2509066-MS1)	**Source: 25H0727-04**			Prepared & Analyzed: 09/07/2025						
Alkalinity, Total (As CaCO3)	320	2.0	mg/L	250.0	82	94	70-130			
Matrix Spike Dup (2509066-MSD1)	**Source: 25H0727-04**			Prepared & Analyzed: 09/07/2025						
Alkalinity, Total (As CaCO3)	320	2.0	mg/L	250.0	82	95	70-130	1	10	
Batch 2509136 - SM 4500-NH3 B, F										
Blank (2509136-BLK1)				Prepared & Analyzed: 09/14/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2509136-BS1)				Prepared & Analyzed: 09/14/2025						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500		98	90-110			
LCS Dup (2509136-BSD1)				Prepared & Analyzed: 09/14/2025						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		98	90-110	0.4	10	
Matrix Spike (2509136-MS1)	**Source: 25H0638-01**			Prepared & Analyzed: 09/14/2025						
Nitrogen, Ammonia (As N)	1.4	0.50	mg/L	2.500	ND	54	80-120			M2
Matrix Spike Dup (2509136-MSD1)	**Source: 25H0638-01**			Prepared & Analyzed: 09/14/2025						
Nitrogen, Ammonia (As N)	1.4	0.50	mg/L	2.500	ND	57	80-120	5	20	M2
Batch 2509173 - EPA 351.2										
Blank (2509173-BLK1)				Prepared & Analyzed: 09/18/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2509173-BS1)				Prepared & Analyzed: 09/18/2025						
Nitrogen, Total Kjeldahl	4.8	0.50	mg/L	5.000		96	80-120			
LCS Dup (2509173-BSD1)				Prepared & Analyzed: 09/18/2025						
Nitrogen, Total Kjeldahl	4.8	0.50	mg/L	5.000		97	80-120	0.4	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509173 - EPA 351.2										
Matrix Spike (2509173-MS1)		**Source: 25H0656-01**		Prepared & Analyzed: 09/18/2025						
Nitrogen, Total Kjeldahl	4.8	0.50	mg/L	5.000	ND	96	80-120			
Matrix Spike (2509173-MS2)		**Source: 25I0007-01**		Prepared & Analyzed: 09/18/2025						
Nitrogen, Total Kjeldahl	6.4	0.50	mg/L	5.000	1.0	108	80-120			
Matrix Spike Dup (2509173-MSD1)		**Source: 25H0656-01**		Prepared & Analyzed: 09/18/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000	ND	98	80-120	1	20	
Matrix Spike Dup (2509173-MSD2)		**Source: 25I0007-01**		Prepared & Analyzed: 09/18/2025						
Nitrogen, Total Kjeldahl	6.1	0.50	mg/L	5.000	1.0	103	80-120	4	20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509027 - SW8260B										
Blank (2509027-BLK1)				Prepared & Analyzed: 09/02/2025						
Benzene	0.078	0.50	ug/L							
Carbon disulfide	0.57	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*58.3*		*ug/L*	*50.00*		*117*	*70-130*			
Surrogate: Dibromofluoromethane	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Toluene-d8	*56.6*		*ug/L*	*50.00*		*113*	*70-130*			
LCS (2509027-BS1)				Prepared & Analyzed: 09/02/2025						
1,1-Dichloroethene	65	0.50	ug/L	50.00		130	70-130			
Benzene	54	0.50	ug/L	50.00		108	70-130			
Chlorobenzene	53	0.50	ug/L	50.00		106	70-130			
Toluene	54	0.50	ug/L	50.00		108	70-130			
Trichloroethene	53	0.50	ug/L	50.00		106	70-130			
Surrogate: 4-Bromofluorobenzene	*53.5*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*47.8*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*51.5*		*ug/L*	*50.00*		*103*	*70-130*			
LCS Dup (2509027-BSD1)				Prepared & Analyzed: 09/02/2025						
1,1-Dichloroethene	62	0.50	ug/L	50.00		124	70-130	4	30	
Benzene	52	0.50	ug/L	50.00		104	70-130	5	30	
Chlorobenzene	49	0.50	ug/L	50.00		99	70-130	7	30	
Toluene	51	0.50	ug/L	50.00		103	70-130	5	30	
Trichloroethene	51	0.50	ug/L	50.00		101	70-130	5	30	
Surrogate: 4-Bromofluorobenzene	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*48.7*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Matrix Spike (2509027-MS1)		**Source: 25H0620-01**		Prepared: 09/02/2025 Analyzed: 09/03/2025						
1,1-Dichloroethene	27	0.50	ug/L	50.00	ND	54	70-130			M2
Benzene	31	0.50	ug/L	50.00	ND	61	70-130			M2
Chlorobenzene	35	0.50	ug/L	50.00	ND	71	70-130			
Toluene	32	0.50	ug/L	50.00	0.11	64	70-130			M2
Trichloroethene	29	0.50	ug/L	50.00	ND	59	70-130			M2
Surrogate: 4-Bromofluorobenzene	*52.8*		*ug/L*	*50.00*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*48.9*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*51.7*		*ug/L*	*50.00*		*103*	*70-130*			
Matrix Spike (2509027-MS2)		**Source: 25H0636-04**		Prepared: 09/02/2025 Analyzed: 09/03/2025						
1,1-Dichloroethene	29	0.50	ug/L	50.00	ND	57	70-130			M2
Benzene	33	0.50	ug/L	50.00	ND	66	70-130			M2
Chlorobenzene	38	0.50	ug/L	50.00	ND	76	70-130			
Toluene	34	0.50	ug/L	50.00	ND	67	70-130			M2
Trichloroethene	32	0.50	ug/L	50.00	ND	63	70-130			M2
Surrogate: 4-Bromofluorobenzene	*50.2*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Dibromofluoromethane	*47.1*		*ug/L*	*50.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*49.3*		*ug/L*	*50.00*		*99*	*70-130*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509027 - SW8260B										
Matrix Spike Dup (2509027-MSD1)	**Source: 25H0620-01**			Prepared: 09/02/2025 Analyzed: 09/03/2025						
1,1-Dichloroethene	30	0.50	ug/L	50.00	ND	59	70-130	9	30	M2
Benzene	33	0.50	ug/L	50.00	ND	66	70-130	7	30	M2
Chlorobenzene	39	0.50	ug/L	50.00	ND	78	70-130	9	30	
Toluene	35	0.50	ug/L	50.00	0.11	70	70-130	8	30	M2
Trichloroethene	32	0.50	ug/L	50.00	ND	64	70-130	8	30	M2
Surrogate: 4-Bromofluorobenzene	*51.0*		*ug/L*	*50.00*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*46.7*		*ug/L*	*50.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*50.3*		*ug/L*	*50.00*		*101*	*70-130*			
Matrix Spike Dup (2509027-MSD2)	**Source: 25H0636-04**			Prepared: 09/02/2025 Analyzed: 09/03/2025						
1,1-Dichloroethene	31	0.50	ug/L	50.00	ND	62	70-130	7	30	M2
Benzene	35	0.50	ug/L	50.00	ND	69	70-130	5	30	M2
Chlorobenzene	40	0.50	ug/L	50.00	ND	80	70-130	5	30	
Toluene	36	0.50	ug/L	50.00	ND	72	70-130	6	30	
Trichloroethene	33	0.50	ug/L	50.00	ND	66	70-130	4	30	M2
Surrogate: 4-Bromofluorobenzene	*51.7*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*48.4*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*50.3*		*ug/L*	*50.00*		*101*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508255 - EPA 300.0 (2.1)										
Blank (2508255-BLK1)				Prepared & Analyzed: 08/25/2025						
Chloride	0.91	1.0	mg/L							B1
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	0.21	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2508255-BS1)				Prepared & Analyzed: 08/25/2025						
Chloride	12	1.0	mg/L	12.50		97	90-110			
Fluoride	2.0	0.50	mg/L	2.000		100	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		99	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		96	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2508255-BSD1)				Prepared & Analyzed: 08/25/2025						
Chloride	12	1.0	mg/L	12.50		97	90-110	0.04	10	
Fluoride	2.0	0.50	mg/L	2.000		100	90-110	0.4	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		99	90-110	0.03	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		96	90-110	0.04	10	
Sulfate	13	5.0	mg/L	12.50		104	90-110	0.2	10	
Matrix Spike (2508255-MS1)		**Source: 25H0647-01**		Prepared: 08/25/2025 Analyzed: 09/03/2025						
Chloride	24	1.0	mg/L	12.50	11	105	80-120			
Fluoride	2.9	0.50	mg/L	2.000	1.1	89	80-120			
Nitrogen, Nitrate (As N)	6.5	0.50	mg/L	5.000	1.5	100	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	94	80-120			
Sulfate	32	5.0	mg/L	12.50	21	87	80-120			
Matrix Spike (2508255-MS2)		**Source: 25H0641-01RE1**		Prepared: 08/25/2025 Analyzed: 09/03/2025						
Chloride	510	20	mg/L	250.0	240	106	80-120			
Fluoride	39	10	mg/L	40.00		97	80-120			
Nitrogen, Nitrate (As N)	100	10	mg/L	100.0		103	80-120			
Nitrogen, Nitrite (As N)	47	2.0	mg/L	50.00	ND	95	80-120			
Sulfate	300	100	mg/L	250.0		119	80-120			
Matrix Spike (2508255-MS3)		**Source: 25H0641-02RE1**		Prepared: 08/25/2025 Analyzed: 09/03/2025						
Chloride	550	20	mg/L	250.0	280	106	80-120			
Fluoride	38	10	mg/L	40.00		96	80-120			
Nitrogen, Nitrate (As N)	100	10	mg/L	100.0		103	80-120			
Nitrogen, Nitrite (As N)	47	2.0	mg/L	50.00	ND	95	80-120			
Sulfate	330	100	mg/L	250.0		133	80-120			
Matrix Spike Dup (2508255-MSD1)		**Source: 25H0647-01**		Prepared: 08/25/2025 Analyzed: 09/03/2025						
Chloride	25	1.0	mg/L	12.50	11	108	80-120	1	10	
Fluoride	2.9	0.50	mg/L	2.000	1.1	89	80-120	0.07	10	
Nitrogen, Nitrate (As N)	6.5	0.50	mg/L	5.000	1.5	100	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	94	80-120	0.02	10	
Sulfate	32	5.0	mg/L	12.50	21	87	80-120	0.007	10	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25H0656
Date Received: 08/25/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2508255 - EPA 300.0 (2.1)										
Matrix Spike Dup (2508255-MSD2)	**Source: 25H0641-01RE1**			Prepared: 08/25/2025 Analyzed: 09/03/2025						
Chloride	510	20	mg/L	250.0	240	107	80-120	0.5	10	
Fluoride	39	10	mg/L	40.00		96	80-120	0.5	10	
Nitrogen, Nitrate (As N)	100	10	mg/L	100.0		103	80-120	0.2	10	
Nitrogen, Nitrite (As N)	48	2.0	mg/L	50.00	ND	95	80-120	0.3	10	
Sulfate	300	100	mg/L	250.0		119	80-120	0.1	10	
Matrix Spike Dup (2508255-MSD3)	**Source: 25H0641-02RE1**			Prepared: 08/25/2025 Analyzed: 09/03/2025						
Chloride	540	20	mg/L	250.0	280	105	80-120	0.4	10	
Fluoride	39	10	mg/L	40.00		97	80-120	0.5	10	
Nitrogen, Nitrate (As N)	100	10	mg/L	100.0		103	80-120	0.1	10	
Nitrogen, Nitrite (As N)	47	2.0	mg/L	50.00	ND	95	80-120	0.1	10	
Sulfate	330	100	mg/L	250.0		133	80-120	0.03	10	

2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 45405-6 DATE 6/25 PAGE 1 OF 1

PROJECT NAME _____ # _____
CONTACT NAME _____
COMPANY NAME _____
ADDRESS _____
ZIP _____ PHONE _____ EMAIL _____
SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX
						Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics ☐ 624 ☐ 524.2 ☐ 8260 ☐ THMS ☐ HAAS ☐ Chloride ☐ Sulfate ☐ Resistivity NO3 ☐ NO2 ☐ TKN ☐ TPH ☐ 1664 ☐ Oil & Grease TCLP Analysis VOA ☐ SemiVOA ☐ Pest ☐ TCLP ☐ Metals Chelated ☐ Total ☐ RCRA8 ☐ Total ☐ Cyanide Amen. ☐ WAD ☐ SDWA-INORGANICS PRIMARY ☐ SECONDARY ☐ Coliform MPN ☐ PIA ☐ pH ☐ Fecal ☐ Cl2 ☐ Cl2 ☐ COD ☐ Turb ☐ TSS ☐ BOD ☐

1. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
____ Standard (approx. 10 days)*
____ Next Day ____ 2 Day ____ 5 Day*
____ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
____ I. Routine Report
____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
____ III. Data Validation Report (Includes All Raw Data) Add 10% to Invoice

INVOICE INFORMATION:
Account ____ Y ____ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers 13
Temperature 19.2
☒ Wet Ice
☐ Ambient
☐ Blue Ice
IR #48

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Printed Name
TURNER LABORATORIES, INC.
Firm
6/25/25 1457
Date/Time

* LEGEND
SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☒
COC / Labels Agree ☒

Preservation Confirmation ☒
Appropriate Head Space ☒
Received Within Hold Time ☒

SPECIAL INSTRUCTIONS/COMMENTS:

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 25, 2025
Sample Received: August 27, 2025
Analysis Completed: September 09, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25H0656-01	18.5 ± 1.0	17.2 ± 1.4	1.3 ± 1.7	7.5 ± 1.3	0.8 ± 0.2	< 0.8	0.8 ± 0.2

Analysis Date/Time	9/5/2025	9/3/2025	9/5/2025	9/4/2025	9/7/2025	9/7/2025	9/7/2025
	00:53	11:36	00:53	23:55	9:08	9:08	9:08

September 9, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 25, 2025
Sample Received: August 27, 2025
Uranium Analysis Date: September 03, 2025
Uranium Analysis Time: 11:36

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25H0656-01	5.8 ± 0.6	0.270 ± 0.004	11.1 ± 0.8	17.2 ± 1.4	Activity (pCi/L)
	17.3 ± 1.7	0.126 ± 0.002	0.00179 ± 0.00013	17.4 ± 1.7	Content (µg/L)
	Comments:				

September 9, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 25, 2025 (Sample Date) 9:30 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/5/2025	1.3 ± 1.7		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/5/2025	18.5 ± 1.0		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/3/2025	17.4 ± 1.7	µg/L	
			Uranium 234	4007	9/3/2025	0.00179 ± 0.00013		
			Uranium 235	4008	9/3/2025	0.126 ± 0.002		
			Uranium 238	4009	9/3/2025	17.3 ± 1.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/7/2025	0.8 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/7/2025	0.8 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/7/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE77955

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0656-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 25, 2025 (Sample Date) 9:30 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/4/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

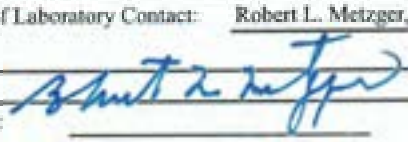
Specimen Number: RSE77955

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0656-01

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 25, 2025
Sample Received: August 27, 2025
Analysis Completed: September 09, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25H0656-02	8.1 ± 0.7	7.1 ± 0.9	1.0 ± 1.1	8.0 ± 1.3	0.5 ± 0.2	1.5 ± 0.4	2.0 ± 0.4

Analysis Date/Time	9/6/2025	9/3/2025	9/6/2025	9/7/2025	9/7/2025	9/7/2025	9/7/2025
	11:59	11:52	11:59	12:03	13:10	13:10	13:10

September 9, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: August 25, 2025
Sample Received: August 27, 2025
Uranium Analysis Date: September 03, 2025
Uranium Analysis Time: 11:52

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25H0656-02	2.4 ± 0.4	0.113 ± 0.003	4.6 ± 0.5	7.1 ± 0.9	Activity (pCi/L)
	7.2 ± 1.1	0.053 ± 0.001	0.00074 ± 0.00008	7.3 ± 1.1	Content (µg/L)
	Comments:				

September 9, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 25, 2025 (Sample Date) 11:55 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/6/2025	1.0 ± 1.1		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/6/2025	8.1 ± 0.7		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/3/2025	7.3 ± 1.1	µg/L	
			Uranium 234	4007	9/3/2025	0.00074 ± 0.00008		
			Uranium 235	4008	9/3/2025	0.053 ± 0.001		
			Uranium 238	4009	9/3/2025	7.2 ± 1.1		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/7/2025	2.0 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/7/2025	0.5 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/7/2025	1.5 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

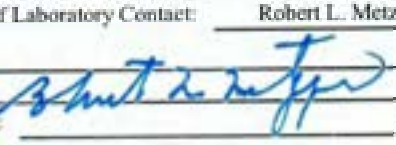
Specimen Number: RSE77956

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0656-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

August 25, 2025 (Sample Date) 11:55 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/7/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

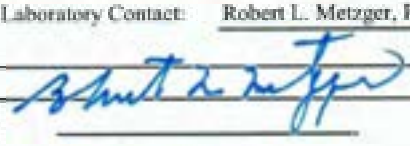
Specimen Number: RSE77956

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25H0656-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25H0656

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25H0656-01 Non-Potable Wa Sampled:08/25/2025 09:30			
Radiochemistry, Uranium	02/21/2026 09:30		
Radiochemistry, Radium 226/228	09/24/2025 09:30		
Radiochemistry, Gross Alpha Beta	02/21/2026 09:30		77955
Containers Supplied:			
Sample ID: 25H0656-02 Non-Potable Wa Sampled:08/25/2025 11:55			
Radiochemistry, Uranium	02/21/2026 11:55		
Radiochemistry, Radium 226/228	09/24/2025 11:55		77956
Radiochemistry, Gross Alpha Beta	02/21/2026 11:55		
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	8/26/25 1600	UPS	8/26/25 1600
Released By	Date	Received By	Date
		MS	8-27-25 12:39

October 06, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25I0414
Order Name: Groundwater

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 7 sample(s) on 09/15/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Date Received: 09/15/2025

Order: Groundwater

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25I0414-01	POC - 10	Ground Water	09/15/2025 0925
25I0414-02	POC - 10 DUPE	Ground Water	09/15/2025 0940
25I0414-03	POC - 9	Ground Water	09/15/2025 1135
25I0414-04	POC - 8	Ground Water	09/15/2025 1257
25I0414-05	POC - 7	Ground Water	09/15/2025 1410
25I0414-06	POC - 6	Ground Water	09/15/2025 1515
25I0414-07	Trip Blank	Trip Blank	09/15/2025 0000

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Date Received: 09/15/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
L1	The associated LCS/LCSD recovery was above laboratory acceptance limits.
L5	The associated blank spike recovery was above laboratory/method acceptance limits. This analyte was not detected in the sample.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
U	Analyte included in the analysis, but not detected
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-01

Client Sample ID: POC - 10
Collection Date/Time: 09/15/2025 0925
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.4		1.1		mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.4		0.60		mg/L	1	09/16/2025 0800	09/17/2025 0444	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	09/27/2025 1356	10/01/2025 1248	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0044		0.00056		mg/L	1	10/01/2025 0832	10/01/2025 1457	SJS
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	94		4.0		mg/L	1	09/22/2025 1402	09/24/2025 1355	RAR
Magnesium	16		3.0		mg/L	1	09/22/2025 1402	09/24/2025 1355	RAR
Potassium	2.5	0.14	5.0	E4	mg/L	1	09/22/2025 1402	09/24/2025 1355	RAR
Sodium	7.2		5.0		mg/L	1	09/22/2025 1402	09/24/2025 1355	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Antimony	0.00025	0.000039	0.00050	E4	mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Arsenic	0.0020		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Barium	0.027		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Chromium	0.0014		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Cobalt	0.00017	0.000010	0.00025	E4	mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Copper	0.00053		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Manganese	0.0031		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Molybdenum	0.064		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Nickel	0.0023		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Selenium	0.0086		0.0025		mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Thallium	0.000029	0.000023	0.00050	E4	mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
Uranium	0.0046		0.00050		mg/L	1	09/20/2025 1041	09/26/2025 1453	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-01

Client Sample ID: POC - 10
Collection Date/Time: 09/15/2025 0925
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.011	0.0023	0.040	E4	mg/L	1	09/20/2025 1041	09/24/2025 1821	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/02/2025 0841	10/03/2025 1157	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10		1.0		mg/L	1	09/16/2025 0800	09/17/2025 0444	ES
Fluoride	0.80		0.50		mg/L	1	09/16/2025 0800	09/17/2025 0444	ES
Nitrogen, Nitrate (As N)	1.4		0.50		mg/L	1	09/16/2025 0800	09/17/2025 0444	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	09/16/2025 0800	09/17/2025 0444	ES
Sulfate	63		5.0		mg/L	1	09/16/2025 0800	09/17/2025 0444	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	10/02/2025 0849	10/02/2025 1427	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	250		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Total (As CaCO3)	250		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	400		20		mg/L	1	09/18/2025 1109	09/24/2025 1453	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	09/22/2025 1011	09/23/2025 0858	ES
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-01

Client Sample ID: POC - 10
Collection Date/Time: 09/15/2025 0925
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.4			H5	-	1	10/06/2025 1700	10/06/2025 1715	IM
Temperature (°C)	20			H5	-	1	10/06/2025 1700	10/06/2025 1715	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1156	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	09/22/2025 0800	09/23/2025 1156	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1156	PB
Toluene	0.21	0.057	0.50	E4	ug/L	1	09/22/2025 0800	09/23/2025 1156	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/22/2025 0800	09/23/2025 1156	PB
Surr: 4-Bromofluorobenzene	*102*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1156*	*PB*
Surr: Dibromofluoromethane	*99*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1156*	*PB*
Surr: Toluene-d8	*107*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1156*	*PB*

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-02

Client Sample ID: POC - 10 DUPE
Collection Date/Time: 09/15/2025 0940
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.4		1.1		mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.4		0.60		mg/L	1	09/16/2025 0800	09/17/2025 0503	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	09/27/2025 1356	10/01/2025 1251	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0045		0.00056		mg/L	1	10/01/2025 0832	10/01/2025 1500	SJS
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	93		4.0		mg/L	1	09/22/2025 1402	09/24/2025 1358	RAR
Magnesium	16		3.0		mg/L	1	09/22/2025 1402	09/24/2025 1358	RAR
Potassium	2.5	0.14	5.0	E4	mg/L	1	09/22/2025 1402	09/24/2025 1358	RAR
Sodium	7.1		5.0		mg/L	1	09/22/2025 1402	09/24/2025 1358	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Antimony	0.00028	0.000039	0.00050	E4	mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Arsenic	0.0020		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Barium	0.027		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Beryllium	0.000018	0.000013	0.00025	E4	mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Chromium	0.0015		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Cobalt	0.00019	0.000010	0.00025	E4	mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Copper	0.00053		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Manganese	0.0027		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Molybdenum	0.064		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Nickel	0.0023		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Selenium	0.0090		0.0025		mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Thallium	0.000041	0.000023	0.00050	E4	mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR
Uranium	0.0048		0.00050		mg/L	1	09/20/2025 1041	09/26/2025 1456	RAR
Zinc	0.011	0.0023	0.040	E4	mg/L	1	09/20/2025 1041	09/24/2025 1836	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-02

Client Sample ID: POC - 10 DUPE
Collection Date/Time: 09/15/2025 0940
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/02/2025 0841	10/03/2025 1205	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10		1.0		mg/L	1	09/16/2025 0800	09/17/2025 0503	ES
Fluoride	0.80		0.50		mg/L	1	09/16/2025 0800	09/17/2025 0503	ES
Nitrogen, Nitrate (As N)	1.4		0.50		mg/L	1	09/16/2025 0800	09/17/2025 0503	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	09/16/2025 0800	09/17/2025 0503	ES
Sulfate	63		5.0		mg/L	1	09/16/2025 0800	09/17/2025 0503	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	10/02/2025 0849	10/02/2025 1427	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	250		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Total (As CaCO3)	250		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	400		20		mg/L	1	09/18/2025 1109	09/24/2025 1453	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	09/22/2025 1011	09/23/2025 0858	ES
pH-SM4500-H+ B									
pH (pH Units)	7.4			H5	-	1	10/06/2025 1700	10/06/2025 1716	IM
Temperature (°C)	19			H5	-	1	10/06/2025 1700	10/06/2025 1716	IM

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-02

Client Sample ID: POC - 10 DUPE
Collection Date/Time: 09/15/2025 0940
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1231	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	09/22/2025 0800	09/23/2025 1231	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1231	PB
Toluene	0.14	0.057	0.50	E4	ug/L	1	09/22/2025 0800	09/23/2025 1231	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/22/2025 0800	09/23/2025 1231	PB
Surr: 4-Bromofluorobenzene	*103*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1231*	*PB*
Surr: Dibromofluoromethane	*100*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1231*	*PB*
Surr: Toluene-d8	*108*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1231*	*PB*

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-03

Client Sample ID: POC - 9
Collection Date/Time: 09/15/2025 1135
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.54		0.60	J	mg/L	1	09/16/2025 1522	09/16/2025 1922	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	09/27/2025 1356	10/01/2025 1254	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0045		0.00056		mg/L	1	10/01/2025 0832	10/01/2025 1503	SJS
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	61		4.0		mg/L	1	09/22/2025 1402	09/24/2025 1401	RAR
Magnesium	14		3.0		mg/L	1	09/22/2025 1402	09/24/2025 1401	RAR
Potassium	3.0	0.14	5.0	E4	mg/L	1	09/22/2025 1402	09/24/2025 1401	RAR
Sodium	13		5.0		mg/L	1	09/22/2025 1402	09/24/2025 1401	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Antimony	0.00023	0.000039	0.00050	E4	mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Arsenic	0.0031		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Barium	0.026		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Chromium	0.00099		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Cobalt	0.00011	0.000010	0.00025	E4	mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Copper	0.00079		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Manganese	0.0030		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Molybdenum	0.042		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Nickel	0.0015		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Selenium	0.0020	0.00025	0.0025	E4	mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR
Uranium	0.0045		0.00050		mg/L	1	09/20/2025 1041	09/26/2025 1459	RAR
Zinc	0.0050	0.0023	0.040	E4	mg/L	1	09/20/2025 1041	09/24/2025 1839	RAR

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-03

Client Sample ID: POC - 9
Collection Date/Time: 09/15/2025 1135
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/02/2025 0841	10/03/2025 1213	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	12		1.0		mg/L	1	09/16/2025 1522	09/16/2025 1922	ES
Fluoride	1.3		0.50		mg/L	1	09/16/2025 1522	09/16/2025 1922	ES
Nitrogen, Nitrate (As N)	0.54		0.50		mg/L	1	09/16/2025 1522	09/16/2025 1922	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	09/16/2025 1522	09/16/2025 1922	ES
Sulfate	18		5.0		mg/L	1	09/16/2025 1522	09/16/2025 1922	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	10/02/2025 0849	10/02/2025 1427	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	220		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Total (As CaCO3)	220		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	290		20		mg/L	1	09/18/2025 1109	09/24/2025 1453	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	09/22/2025 1011	09/23/2025 0858	ES
pH-SM4500-H+ B									
pH (pH Units)	7.5			H5	-	1	10/06/2025 1700	10/06/2025 1718	IM
Temperature (°C)	19			H5	-	1	10/06/2025 1700	10/06/2025 1718	IM

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-03

Client Sample ID: POC - 9
Collection Date/Time: 09/15/2025 1135
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1305	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	09/22/2025 0800	09/23/2025 1305	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1305	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1305	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/22/2025 0800	09/23/2025 1305	PB
Surr: 4-Bromofluorobenzene	*102*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1305*	*PB*
Surr: Dibromofluoromethane	*99*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1305*	*PB*
Surr: Toluene-d8	*110*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1305*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-04

Client Sample ID: POC - 8
Collection Date/Time: 09/15/2025 1257
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	09/16/2025 1522	09/16/2025 1945	ES
ICP Total Metals-E200.7 (4.4)									
Iron	2.5		0.30		mg/L	1	09/28/2025 1350	10/02/2025 1646	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0016		0.00056		mg/L	1	10/01/2025 0832	10/01/2025 1506	SJS
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	85		4.0		mg/L	1	09/29/2025 1110	09/29/2025 1135	RAR
Magnesium	13		3.0		mg/L	1	09/29/2025 1110	09/29/2025 1135	RAR
Potassium	2.8	0.14	5.0	E4	mg/L	1	09/29/2025 1110	09/29/2025 1135	RAR
Sodium	16		5.0		mg/L	1	09/29/2025 1110	09/29/2025 1135	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Antimony	0.000085	0.000039	0.00050	E4	mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Arsenic	0.0014		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Barium	0.035		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Chromium	0.00076		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Cobalt	0.00014	0.000010	0.00025	E4	mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Copper	0.00039	0.00015	0.00050	E4	mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Manganese	0.10		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Molybdenum	0.84		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Nickel	0.0016		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Selenium	0.0012	0.00025	0.0025	E4	mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR
Uranium	0.0016		0.00050		mg/L	1	09/20/2025 1041	09/26/2025 1502	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	09/20/2025 1041	09/24/2025 1842	RAR

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-04

Client Sample ID: POC - 8
Collection Date/Time: 09/15/2025 1257
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/02/2025 0841	10/03/2025 1215	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10		1.0		mg/L	1	09/16/2025 1522	09/16/2025 1945	ES
Fluoride	1.3		0.50		mg/L	1	09/16/2025 1522	09/16/2025 1945	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	09/16/2025 1522	09/16/2025 1945	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	09/16/2025 1522	09/16/2025 1945	ES
Sulfate	130		50		mg/L	10	09/16/2025 1522	09/25/2025 2104	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	10/02/2025 0849	10/02/2025 1427	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	160		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Total (As CaCO3)	160		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	410		20		mg/L	1	09/18/2025 1109	09/24/2025 1453	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	09/22/2025 1011	09/23/2025 0858	ES
pH-SM4500-H+ B									
pH (pH Units)	7.5			H5	-	1	10/06/2025 1700	10/06/2025 1722	IM
Temperature (°C)	21			H5	-	1	10/06/2025 1700	10/06/2025 1722	IM

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-04

Client Sample ID: POC - 8
Collection Date/Time: 09/15/2025 1257
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1445	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	09/22/2025 0800	09/23/2025 1445	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1445	PB
Toluene	0.25	0.057	0.50	E4	ug/L	1	09/22/2025 0800	09/23/2025 1445	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/22/2025 0800	09/23/2025 1445	PB
Surr: 4-Bromofluorobenzene	*106*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1445*	*PB*
Surr: Dibromofluoromethane	*98*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1445*	*PB*
Surr: Toluene-d8	*108*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1445*	*PB*

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-05

Client Sample ID: POC - 7
Collection Date/Time: 09/15/2025 1410
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	09/16/2025 1522	09/16/2025 2009	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.12	0.020	0.30	E4	mg/L	1	09/28/2025 1350	10/02/2025 1649	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.00096		0.00056		mg/L	1	10/01/2025 0832	10/01/2025 1510	SJS
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	130		4.0		mg/L	1	09/29/2025 1110	09/29/2025 1141	RAR
Magnesium	14		3.0		mg/L	1	09/29/2025 1110	09/29/2025 1141	RAR
Potassium	8.4		5.0		mg/L	1	09/29/2025 1110	09/29/2025 1141	RAR
Sodium	7.4		5.0		mg/L	1	09/29/2025 1110	09/29/2025 1141	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Antimony	0.000087	0.000039	0.00050	E4	mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Arsenic	0.018		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Barium	0.047		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Chromium	0.00092		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Cobalt	0.00026		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Copper	ND	0.00015	0.00050	E8	mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Manganese	0.48		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Molybdenum	0.026		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Nickel	0.0023		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Selenium	0.0017	0.00025	0.0025	E4	mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR
Uranium	0.0010		0.00050		mg/L	1	09/20/2025 1041	09/26/2025 1505	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	09/20/2025 1041	09/24/2025 1845	RAR

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-05

Client Sample ID: POC - 7
Collection Date/Time: 09/15/2025 1410
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/02/2025 0841	10/03/2025 1218	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11		1.0		mg/L	1	09/16/2025 1522	09/16/2025 2009	ES
Fluoride	0.81		0.50		mg/L	1	09/16/2025 1522	09/16/2025 2009	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	09/16/2025 1522	09/16/2025 2009	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	09/16/2025 1522	09/16/2025 2009	ES
Sulfate	210		50		mg/L	10	09/16/2025 1522	09/26/2025 2003	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	10/02/2025 0849	10/02/2025 1427	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	180		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Total (As CaCO3)	180		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	570		20		mg/L	1	09/18/2025 1109	09/24/2025 1453	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	09/22/2025 1011	09/23/2025 0858	ES
pH-SM4500-H+ B									
pH (pH Units)	7.5			H5	-	1	10/06/2025 1700	10/06/2025 1723	IM
Temperature (°C)	22			H5	-	1	10/06/2025 1700	10/06/2025 1723	IM

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-05

Client Sample ID: POC - 7
Collection Date/Time: 09/15/2025 1410
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1520	PB
Carbon disulfide	1.0	0.11	2.0	E4	ug/L	1	09/22/2025 0800	09/23/2025 1520	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1520	PB
Toluene	3.6		0.50		ug/L	1	09/22/2025 0800	09/23/2025 1520	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/22/2025 0800	09/23/2025 1520	PB
Surr: 4-Bromofluorobenzene	*107*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1520*	*PB*
Surr: Dibromofluoromethane	*99*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1520*	*PB*
Surr: Toluene-d8	*108*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1520*	*PB*

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-06

Client Sample ID: POC - 6
Collection Date/Time: 09/15/2025 1515
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	09/16/2025 1522	09/16/2025 2033	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	09/28/2025 1350	10/02/2025 1652	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.010		0.00056		mg/L	1	10/01/2025 0832	10/01/2025 1513	SJS
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	62		4.0		mg/L	1	09/29/2025 1110	09/29/2025 1147	RAR
Magnesium	17		3.0		mg/L	1	09/29/2025 1110	09/29/2025 1147	RAR
Potassium	4.8	0.14	5.0	E4	mg/L	1	09/29/2025 1110	09/29/2025 1147	RAR
Sodium	44		5.0		mg/L	1	09/29/2025 1110	09/29/2025 1147	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Antimony	0.0023		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Arsenic	0.0029		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Barium	0.057		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Chromium	0.0012		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Cobalt	0.00012	0.000010	0.00025	E4	mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Copper	0.0018		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Manganese	0.0045		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Molybdenum	0.12		0.00025		mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Nickel	0.0017		0.00050		mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Selenium	0.0012	0.00025	0.0025	E4	mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR
Uranium	0.011		0.00050		mg/L	1	09/20/2025 1041	09/26/2025 1508	RAR
Zinc	0.031	0.0023	0.040	E4	mg/L	1	09/20/2025 1041	09/24/2025 1848	RAR

Turner Laboratories, Inc.

Date: 10/06/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-06

Client Sample ID: POC - 6
Collection Date/Time: 09/15/2025 1515
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/02/2025 0841	10/03/2025 1220	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	36		5.0		mg/L	5	09/16/2025 1522	09/26/2025 2027	ES
Fluoride	3.1		0.50		mg/L	1	09/16/2025 1522	09/16/2025 2033	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	09/16/2025 1522	09/16/2025 2033	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	09/16/2025 1522	09/16/2025 2033	ES
Sulfate	97		5.0		mg/L	1	09/16/2025 1522	09/16/2025 2033	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8, L5, V1	mg/L	1	09/24/2025 1000	09/30/2025 1418	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Total (As CaCO3)	190		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	400		20		mg/L	1	09/18/2025 1109	09/24/2025 1453	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	09/22/2025 1011	09/23/2025 0858	ES
pH-SM4500-H+ B									
pH (pH Units)	7.6			H5	-	1	10/06/2025 1700	10/06/2025 1725	IM

Turner Laboratories, Inc.

Date: 10/06/2025

Client:	Copper World, Inc.	**Client Sample ID:**	POC - 6
Project:	Ambient GW Monitoring	**Collection Date/Time:**	09/15/2025 1515
Work Order:	25I0414	**Matrix:**	Ground Water
Lab Sample ID:	25I0414-06	**Order Name:**	Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	21			H5	-	1	10/06/2025 1700	10/06/2025 1725	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1555	PB
Carbon disulfide	0.31	0.11	2.0	E4	ug/L	1	09/22/2025 0800	09/23/2025 1555	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1555	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1555	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/22/2025 0800	09/23/2025 1555	PB
Surr: 4-Bromofluorobenzene	*101*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1555*	*PB*
Surr: Dibromofluoromethane	*98*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1555*	*PB*
Surr: Toluene-d8	*105*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1555*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Lab Sample ID: 25I0414-07

Client Sample ID: Trip Blank
Collection Date/Time: 09/15/2025 0000
Matrix: Trip Blank
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1630	PB
Carbon disulfide	0.14	0.11	2.0	E4	ug/L	1	09/22/2025 0800	09/23/2025 1630	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1630	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	09/22/2025 0800	09/23/2025 1630	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/22/2025 0800	09/23/2025 1630	PB
Surr: 4-Bromofluorobenzene	*103*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1630*	*PB*
Surr: Dibromofluoromethane	*98*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1630*	*PB*
Surr: Toluene-d8	*106*	*70-130*			*%REC*	*1*	*09/22/2025 0800*	*09/23/2025 1630*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Date Received: 09/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509241 - EPA 200.7 (4.4)										
Blank (2509241-BLK1)				Prepared: 09/22/2025 Analyzed: 09/24/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.99	5.0	mg/L							
LCS (2509241-BS1)				Prepared: 09/22/2025 Analyzed: 09/24/2025						
Calcium	8.8	4.0	mg/L	10.00		88	85-115			
Magnesium	8.6	3.0	mg/L	10.00		86	85-115			
Potassium	8.8	5.0	mg/L	10.00		88	85-115			
Sodium	9.2	5.0	mg/L	10.00		92	85-115			
LCS Dup (2509241-BSD1)				Prepared: 09/22/2025 Analyzed: 09/24/2025						
Calcium	9.3	4.0	mg/L	10.00		93	85-115	6	20	
Magnesium	9.1	3.0	mg/L	10.00		91	85-115	6	20	
Potassium	9.3	5.0	mg/L	10.00		93	85-115	5	20	
Sodium	9.7	5.0	mg/L	10.00		97	85-115	5	20	
Matrix Spike (2509241-MS1)	**Source: 25I0330-02**			Prepared: 09/22/2025 Analyzed: 09/24/2025						
Calcium	42	4.0	mg/L	10.00	33	96	70-130			
Magnesium	13	3.0	mg/L	10.00	3.0	104	70-130			
Potassium	12	5.0	mg/L	10.00	1.1	105	70-130			
Sodium	28	5.0	mg/L	10.00	19	90	70-130			
Matrix Spike (2509241-MS2)	**Source: 25I0331-01**			Prepared: 09/22/2025 Analyzed: 09/24/2025						
Calcium	59	4.0	mg/L	10.00	52	77	70-130			
Magnesium	17	3.0	mg/L	10.00	7.0	98	70-130			
Potassium	12	5.0	mg/L	10.00	1.3	104	70-130			
Sodium	54	5.0	mg/L	10.00	47	71	70-130			
Batch 2509258 - EPA 200.8 (5.4)										
Blank (2509258-BLK1)				Prepared: 09/20/2025 Analyzed: 09/24/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	0.00019	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Date Received: 09/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509258 - EPA 200.8 (5.4)										
LCS (2509258-BS1)				Prepared: 09/20/2025 Analyzed: 09/24/2025						
Aluminum	0.10	0.040	mg/L	0.1000		105	85-115			
Antimony	0.054	0.00050	mg/L	0.05000		107	85-115			
Arsenic	0.053	0.00050	mg/L	0.05000		105	85-115			
Barium	0.053	0.00050	mg/L	0.05000		107	85-115			
Beryllium	0.051	0.00025	mg/L	0.05000		101	85-115			
Cadmium	0.053	0.00025	mg/L	0.05000		107	85-115			
Chromium	0.054	0.00050	mg/L	0.05000		108	85-115			
Cobalt	0.053	0.00025	mg/L	0.05000		107	85-115			
Copper	0.053	0.00050	mg/L	0.05000		106	85-115			
Lead	0.053	0.00050	mg/L	0.05000		107	85-115			
Manganese	0.053	0.00025	mg/L	0.05000		107	85-115			
Molybdenum	0.052	0.00025	mg/L	0.05000		104	85-115			
Nickel	0.053	0.00050	mg/L	0.05000		106	85-115			
Selenium	0.052	0.0025	mg/L	0.05000		104	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115			
Uranium	0.048	0.00050	mg/L	0.05000		97	85-115			
Zinc	0.11	0.040	mg/L	0.1000		107	85-115			
LCS Dup (2509258-BSD1)				Prepared: 09/20/2025 Analyzed: 09/24/2025						
Aluminum	0.099	0.040	mg/L	0.1000		99	85-115	6	20	
Antimony	0.050	0.00050	mg/L	0.05000		101	85-115	6	20	
Arsenic	0.050	0.00050	mg/L	0.05000		101	85-115	4	20	
Barium	0.050	0.00050	mg/L	0.05000		100	85-115	6	20	
Beryllium	0.048	0.00025	mg/L	0.05000		96	85-115	5	20	
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115	7	20	
Chromium	0.051	0.00050	mg/L	0.05000		101	85-115	6	20	
Cobalt	0.051	0.00025	mg/L	0.05000		102	85-115	5	20	
Copper	0.050	0.00050	mg/L	0.05000		101	85-115	5	20	
Lead	0.050	0.00050	mg/L	0.05000		100	85-115	6	20	
Manganese	0.050	0.00025	mg/L	0.05000		101	85-115	6	20	
Molybdenum	0.049	0.00025	mg/L	0.05000		97	85-115	6	20	
Nickel	0.050	0.00050	mg/L	0.05000		100	85-115	6	20	
Selenium	0.051	0.0025	mg/L	0.05000		102	85-115	1	20	
Thallium	0.046	0.00050	mg/L	0.05000		92	85-115	6	20	
Uranium	0.048	0.00050	mg/L	0.05000		97	85-115	0.01	20	
Zinc	0.10	0.040	mg/L	0.1000		102	85-115	4	20	
Batch 2509281 - E200.7 (4.4)										
Blank (2509281-BLK1)				Prepared: 09/27/2025 Analyzed: 10/01/2025						
Iron	ND	0.33	mg/L							
LCS (2509281-BS1)				Prepared: 09/27/2025 Analyzed: 10/01/2025						
Iron	0.99	0.33	mg/L	1.111		89	85-115			
LCS Dup (2509281-BSD1)				Prepared: 09/27/2025 Analyzed: 10/01/2025						
Iron	1.0	0.33	mg/L	1.111		91	85-115	2	20	
Matrix Spike (2509281-MS1)		**Source: 25I0375-02**		Prepared: 09/27/2025 Analyzed: 10/01/2025						
Iron	0.99	0.33	mg/L	1.111	ND	89	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Date Received: 09/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509281 - E200.7 (4.4)										
Matrix Spike (2509281-MS2)		**Source: 25I0375-03**		Prepared: 09/27/2025 Analyzed: 10/01/2025						
Iron	1.7	0.33	mg/L	1.111	0.61	96	70-130			
Batch 2509282 - E200.7 (4.4)										
Blank (2509282-BLK1)				Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	ND	0.33	mg/L							
LCS (2509282-BS1)				Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	1.0	0.33	mg/L	1.111		92	85-115			
LCS Dup (2509282-BSD1)				Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	1.0	0.33	mg/L	1.111		92	85-115	0.2	20	
Matrix Spike (2509282-MS1)		**Source: 25I0458-01**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	2.4	0.33	mg/L	1.111	1.2	111	70-130			
Matrix Spike (2509282-MS2)		**Source: 25I0471-01**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	0.93	0.33	mg/L	1.111	ND	84	70-130			
Batch 2509289 - EPA 200.7 (4.4)										
Blank (2509289-BLK1)				Prepared & Analyzed: 09/29/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.80	5.0	mg/L							
LCS (2509289-BS1)				Prepared & Analyzed: 09/29/2025						
Calcium	10	4.0	mg/L	10.00		102	85-115			
Magnesium	10	3.0	mg/L	10.00		100	85-115			
Potassium	10	5.0	mg/L	10.00		101	85-115			
Sodium	10	5.0	mg/L	10.00		104	85-115			
LCS Dup (2509289-BSD1)				Prepared & Analyzed: 09/29/2025						
Calcium	10	4.0	mg/L	10.00		101	85-115	0.5	20	
Magnesium	9.9	3.0	mg/L	10.00		99	85-115	0.5	20	
Potassium	10	5.0	mg/L	10.00		100	85-115	0.7	20	
Sodium	10	5.0	mg/L	10.00		103	85-115	0.9	20	
Matrix Spike (2509289-MS1)		**Source: 25I0647-01**		Prepared & Analyzed: 09/29/2025						
Calcium	680	4.0	mg/L	10.00	680	24	70-130			M2
Magnesium	180	3.0	mg/L	10.00	170	139	70-130			M1
Potassium	56	5.0	mg/L	10.00	45	108	70-130			
Sodium	260	50	mg/L	10.00	250	75	70-130			
Matrix Spike (2509289-MS2)		**Source: 25I0414-04**		Prepared & Analyzed: 09/29/2025						
Calcium	95	4.0	mg/L	10.00	85	102	70-130			
Magnesium	23	3.0	mg/L	10.00	13	108	70-130			
Potassium	13	5.0	mg/L	10.00	2.8	104	70-130			
Sodium	25	5.0	mg/L	10.00	16	97	70-130			
Batch 2510001 - E200.8 (5.4)										

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Date Received: 09/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510001 - E200.8 (5.4)										
Blank (2510001-BLK1)				Prepared & Analyzed: 10/01/2025						
Uranium	ND	0.00050	mg/L							
LCS (2510001-BS1)				Prepared & Analyzed: 10/01/2025						
Uranium	0.052	0.00050	mg/L	0.05000		105	85-115			
LCS Dup (2510001-BSD1)				Prepared & Analyzed: 10/01/2025						
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115	0.1	20	
Matrix Spike (2510001-MS1)		**Source: 25I0611-01**		Prepared & Analyzed: 10/01/2025						
Uranium	0.056	0.00050	mg/L	0.05000	0.00099	111	70-130			
Matrix Spike (2510001-MS2)		**Source: 25I0612-01**		Prepared & Analyzed: 10/01/2025						
Uranium	0.055	0.00050	mg/L	0.05000	0.00082	108	70-130			
Batch 2510017 - EPA 245.1										
Blank (2510017-BLK1)				Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	ND	0.0010	mg/L							
LCS (2510017-BS1)				Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	0.0045	0.0010	mg/L	0.005000		89	85-115			
LCS Dup (2510017-BSD1)				Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	0.0045	0.0010	mg/L	0.005000		90	85-115	1	20	
Matrix Spike (2510017-MS1)		**Source: 25I0414-01**		Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	0.0039	0.0010	mg/L	0.005000	ND	78	70-130			
Matrix Spike (2510017-MS2)		**Source: 25I0414-02**		Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	0.0043	0.0010	mg/L	0.005000	ND	85	70-130			
Matrix Spike Dup (2510017-MSD1)		**Source: 25I0414-01**		Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	0.0042	0.0010	mg/L	0.005000	ND	84	70-130	7	20	
Matrix Spike Dup (2510017-MSD2)		**Source: 25I0414-02**		Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	0.0043	0.0010	mg/L	0.005000	ND	85	70-130	0.6	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Date Received: 09/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509179 - SM2540 C										
Duplicate (2509179-DUP1)		**Source: 25I0375-10**		Prepared: 09/18/2025 Analyzed: 09/24/2025						
Total Dissolved Solids (Residue, Filterable)	840	20	mg/L		830			2	5	
Duplicate (2509179-DUP2)		**Source: 25I0375-11**		Prepared: 09/18/2025 Analyzed: 09/24/2025						
Total Dissolved Solids (Residue, Filterable)	ND	20	mg/L		ND				5	
Batch 2509206 - SM4500-CN BE										
Blank (2509206-BLK1)				Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	ND	0.10	mg/L							
LCS (2509206-BS1)				Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	2.0	0.10	mg/L	2.000		99	85-115			
LCS Dup (2509206-BSD1)				Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	2.0	0.10	mg/L	2.000		100	85-115	2	15	
Matrix Spike (2509206-MS1)		**Source: 25I0248-01**		Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	2.0	0.10	mg/L	2.000	ND	102	80-120			
Matrix Spike Dup (2509206-MSD1)		**Source: 25I0248-01**		Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	2.1	0.10	mg/L	2.000	ND	105	80-120	3	15	
Batch 2509255 - SM 4500-NH3 B, F										
Blank (2509255-BLK1)				Prepared: 09/24/2025 Analyzed: 09/30/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2509255-BS1)				Prepared: 09/24/2025 Analyzed: 09/30/2025						
Nitrogen, Ammonia (As N)	2.8	0.50	mg/L	2.500		113	90-110			L1
LCS Dup (2509255-BSD1)				Prepared: 09/24/2025 Analyzed: 09/30/2025						
Nitrogen, Ammonia (As N)	3.0	0.50	mg/L	2.500		118	90-110	4	10	L1
Batch 2509256 - SM2320B										
Blank (2509256-BLK1)				Prepared & Analyzed: 09/25/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2509256-BS1)				Prepared & Analyzed: 09/25/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		98	90-110			
LCS Dup (2509256-BSD1)				Prepared & Analyzed: 09/25/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110	0.8	10	
Matrix Spike (2509256-MS1)		**Source: 25I0480-02**		Prepared & Analyzed: 09/25/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	18	96	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Date Received: 09/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509256 - SM2320B										
Matrix Spike Dup (2509256-MSD1)	**Source: 25I0480-02**			Prepared & Analyzed: 09/25/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	18	95	70-130	0.8	10	
Batch 2509288 - EPA 351.2										
Blank (2509288-BLK1)				Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2509288-BS1)				Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000		97	80-120			
LCS Dup (2509288-BSD1)				Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		100	80-120	3	20	
Matrix Spike (2509288-MS1)	**Source: 25I0414-01**			Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	ND	100	80-120			
Matrix Spike (2509288-MS2)	**Source: 25I0512-01**			Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	4.7	0.50	mg/L	5.000	ND	95	80-120			
Matrix Spike Dup (2509288-MSD1)	**Source: 25I0414-01**			Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	4.8	0.50	mg/L	5.000	ND	95	80-120	5	20	
Matrix Spike Dup (2509288-MSD2)	**Source: 25I0512-01**			Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	4.7	0.50	mg/L	5.000	ND	93	80-120	1	20	
Batch 2510022 - SM 4500-NH3 B, F										
Blank (2510022-BLK1)				Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2510022-BS1)				Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		106	90-110			
LCS Dup (2510022-BSD1)				Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		107	90-110	1	10	
Matrix Spike (2510022-MS1)	**Source: 25I0375-10RE1**			Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	3.1	0.50	mg/L	2.500	0.53	102	80-120			
Matrix Spike Dup (2510022-MSD1)	**Source: 25I0375-10RE1**			Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	3.2	0.50	mg/L	2.500	0.53	105	80-120	3	20	
Batch 2510037 - SM4500-H+ B										
Duplicate (2510037-DUP1)	**Source: 25I0457-01**			Prepared & Analyzed: 10/06/2025						
pH (pH Units)	7.4		-		7.4			0.4	200	H5
Temperature (°C)	22		-		21			2	200	H5
Duplicate (2510037-DUP2)	**Source: 25I0663-01**			Prepared & Analyzed: 10/06/2025						
pH (pH Units)	7.5		-		7.5			0.1	200	H5
Temperature (°C)	24		-		23			1	200	H5

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Date Received: 09/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509196 - SW8260B										
Blank (2509196-BLK1)				Prepared: 09/22/2025 Analyzed: 09/23/2025						
Benzene	0.081	0.50	ug/L							
Carbon disulfide	0.13	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*49.5*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Dibromofluoromethane	*50.8*		*ug/L*	*50.00*		*102*	*70-130*			
Surrogate: Toluene-d8	*51.6*		*ug/L*	*50.00*		*103*	*70-130*			
LCS (2509196-BS1)				Prepared: 09/22/2025 Analyzed: 09/23/2025						
1,1-Dichloroethene	51	0.50	ug/L	50.00		102	70-130			
Benzene	51	0.50	ug/L	50.00		102	70-130			
Chlorobenzene	52	0.50	ug/L	50.00		105	70-130			
Toluene	55	0.50	ug/L	50.00		109	70-130			
Trichloroethene	48	0.50	ug/L	50.00		96	70-130			
Surrogate: 4-Bromofluorobenzene	*49.6*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Dibromofluoromethane	*48.9*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			
LCS Dup (2509196-BSD1)				Prepared: 09/22/2025 Analyzed: 09/23/2025						
1,1-Dichloroethene	46	0.50	ug/L	50.00		91	70-130	11	30	
Benzene	47	0.50	ug/L	50.00		94	70-130	8	30	
Chlorobenzene	48	0.50	ug/L	50.00		96	70-130	9	30	
Toluene	49	0.50	ug/L	50.00		99	70-130	10	30	
Trichloroethene	46	0.50	ug/L	50.00		92	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*49.7*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Dibromofluoromethane	*49.9*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*51.9*		*ug/L*	*50.00*		*104*	*70-130*			
Matrix Spike (2509196-MS1)		**Source: 25I0414-01**		Prepared: 09/22/2025 Analyzed: 09/24/2025						
1,1-Dichloroethene	50	0.50	ug/L	50.00	ND	101	70-130			
Benzene	54	0.50	ug/L	50.00	ND	109	70-130			
Chlorobenzene	54	0.50	ug/L	50.00	0.075	108	70-130			
Toluene	57	0.50	ug/L	50.00	0.21	114	70-130			
Trichloroethene	50	0.50	ug/L	50.00	ND	100	70-130			
Surrogate: 4-Bromofluorobenzene	*51.4*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*51.1*		*ug/L*	*50.00*		*102*	*70-130*			
Surrogate: Toluene-d8	*53.8*		*ug/L*	*50.00*		*108*	*70-130*			
Matrix Spike (2509196-MS2)		**Source: 25I0414-04**		Prepared: 09/22/2025 Analyzed: 09/24/2025						
1,1-Dichloroethene	52	0.50	ug/L	50.00	ND	104	70-130			
Benzene	57	0.50	ug/L	50.00	ND	114	70-130			
Chlorobenzene	57	0.50	ug/L	50.00	ND	115	70-130			
Toluene	60	0.50	ug/L	50.00	0.25	120	70-130			
Trichloroethene	53	0.50	ug/L	50.00	ND	105	70-130			
Surrogate: 4-Bromofluorobenzene	*52.1*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*50.9*		*ug/L*	*50.00*		*102*	*70-130*			
Surrogate: Toluene-d8	*53.4*		*ug/L*	*50.00*		*107*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Date Received: 09/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509196 - SW8260B										
Matrix Spike Dup (2509196-MSD1)	**Source: 25I0414-01**			Prepared: 09/22/2025 Analyzed: 09/24/2025						
1,1-Dichloroethene	53	0.50	ug/L	50.00	ND	106	70-130	5	30	
Benzene	57	0.50	ug/L	50.00	ND	113	70-130	4	30	
Chlorobenzene	56	0.50	ug/L	50.00	0.075	113	70-130	5	30	
Toluene	60	0.50	ug/L	50.00	0.21	119	70-130	5	30	
Trichloroethene	54	0.50	ug/L	50.00	ND	107	70-130	7	30	
Surrogate: 4-Bromofluorobenzene	*50.1*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Dibromofluoromethane	*50.1*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			
Matrix Spike Dup (2509196-MSD2)	**Source: 25I0414-04**			Prepared: 09/22/2025 Analyzed: 09/24/2025						
1,1-Dichloroethene	54	0.50	ug/L	50.00	ND	107	70-130	3	30	
Benzene	58	0.50	ug/L	50.00	ND	117	70-130	2	30	
Chlorobenzene	57	0.50	ug/L	50.00	ND	114	70-130	0.7	30	
Toluene	60	0.50	ug/L	50.00	0.25	120	70-130	0.4	30	
Trichloroethene	53	0.50	ug/L	50.00	ND	106	70-130	0.5	30	
Surrogate: 4-Bromofluorobenzene	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*51.5*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*52.0*		*ug/L*	*50.00*		*104*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Date Received: 09/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509160 - EPA 300.0 (2.1)										
Blank (2509160-BLK1)				Prepared & Analyzed: 09/16/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2509160-BS1)				Prepared & Analyzed: 09/16/2025						
Chloride	12	1.0	mg/L	12.50		94	90-110			
Fluoride	1.8	0.50	mg/L	2.000		92	90-110			
Nitrogen, Nitrate (As N)	4.7	0.50	mg/L	5.000		95	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		95	90-110			
Sulfate	13	5.0	mg/L	12.50		102	90-110			
LCS Dup (2509160-BSD1)				Prepared & Analyzed: 09/16/2025						
Chloride	12	1.0	mg/L	12.50		93	90-110	0.7	10	
Fluoride	1.9	0.50	mg/L	2.000		93	90-110	0.3	10	
Nitrogen, Nitrate (As N)	4.7	0.50	mg/L	5.000		95	90-110	0.01	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		95	90-110	0.2	10	
Sulfate	13	5.0	mg/L	12.50		101	90-110	0.09	10	
Matrix Spike (2509160-MS1)		**Source: 25I0375-11**		Prepared: 09/16/2025 Analyzed: 09/25/2025						
Chloride	12	1.0	mg/L	12.50	0.77	91	80-120			
Fluoride	1.8	0.50	mg/L	2.000	ND	90	80-120			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	98	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	95	80-120			
Sulfate	13	5.0	mg/L	12.50	3.0	81	80-120			
Matrix Spike (2509160-MS2)		**Source: 25I0414-01**		Prepared: 09/16/2025 Analyzed: 09/25/2025						
Chloride	23	1.0	mg/L	12.50	10	102	80-120			
Fluoride	2.4	0.50	mg/L	2.000	0.80	80	80-120			M2
Nitrogen, Nitrate (As N)	6.2	0.50	mg/L	5.000	1.4	96	80-120			
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	94	80-120			
Sulfate	73	5.0	mg/L	12.50	63	77	80-120			M2
Matrix Spike Dup (2509160-MSD1)		**Source: 25I0375-11**		Prepared: 09/16/2025 Analyzed: 09/25/2025						
Chloride	12	1.0	mg/L	12.50	0.77	90	80-120	0.5	10	
Fluoride	1.8	0.50	mg/L	2.000	ND	90	80-120	0.5	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	97	80-120	0.5	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	94	80-120	0.3	10	
Sulfate	13	5.0	mg/L	12.50	3.0	81	80-120	0.3	10	
Matrix Spike Dup (2509160-MSD2)		**Source: 25I0414-01**		Prepared: 09/16/2025 Analyzed: 09/25/2025						
Chloride	23	1.0	mg/L	12.50	10	102	80-120	0.02	10	
Fluoride	2.4	0.50	mg/L	2.000	0.80	80	80-120	0.5	10	
Nitrogen, Nitrate (As N)	6.2	0.50	mg/L	5.000	1.4	96	80-120	0.05	10	
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	94	80-120	0.1	10	
Sulfate	73	5.0	mg/L	12.50	63	77	80-120	0.09	10	M2
Batch 2509163 - EPA 300.0 (2.1)										

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0414
Date Received: 09/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509163 - EPA 300.0 (2.1)										
Blank (2509163-BLK1)				Prepared & Analyzed: 09/16/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2509163-BS1)				Prepared & Analyzed: 09/16/2025						
Chloride	13	1.0	mg/L	12.50		101	90-110			
Fluoride	2.1	0.50	mg/L	2.000		103	90-110			
Nitrogen, Nitrate (As N)	5.2	0.50	mg/L	5.000		104	90-110			
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500		103	90-110			
Sulfate	13	5.0	mg/L	12.50		108	90-110			
LCS Dup (2509163-BSD1)				Prepared & Analyzed: 09/16/2025						
Chloride	13	1.0	mg/L	12.50		102	90-110	0.2	10	
Fluoride	2.1	0.50	mg/L	2.000		104	90-110	0.2	10	
Nitrogen, Nitrate (As N)	5.2	0.50	mg/L	5.000		103	90-110	0.3	10	
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500		103	90-110	0.5	10	
Sulfate	13	5.0	mg/L	12.50		108	90-110	0.2	10	
Matrix Spike (2509163-MS1)	**Source: 25I0441-01**			Prepared: 09/16/2025 Analyzed: 09/25/2025						
Chloride	22	1.0	mg/L	12.50	9.8	95	80-120			
Fluoride	2.3	0.50	mg/L	2.000	0.76	74	80-120			M2
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.70	94	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	94	80-120			
Sulfate	40	5.0	mg/L	12.50	31	69	80-120			M2
Matrix Spike (2509163-MS2)	**Source: 25I0447-01**			Prepared: 09/16/2025 Analyzed: 09/25/2025						
Chloride	15	1.0	mg/L	12.50	3.5	93	80-120			
Fluoride	2.2	0.50	mg/L	2.000	0.64	79	80-120			M2
Nitrogen, Nitrate (As N)	6.0	0.50	mg/L	5.000	1.3	94	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	0.12	92	80-120			
Sulfate	18	5.0	mg/L	12.50	8.0	81	80-120			
Matrix Spike Dup (2509163-MSD1)	**Source: 25I0441-01**			Prepared: 09/16/2025 Analyzed: 09/25/2025						
Chloride	22	1.0	mg/L	12.50	9.8	95	80-120	0.1	10	
Fluoride	2.3	0.50	mg/L	2.000	0.76	75	80-120	0.2	10	M2
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.70	95	80-120	0.1	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	94	80-120	0.03	10	
Sulfate	40	5.0	mg/L	12.50	31	70	80-120	0.2	10	M2
Matrix Spike Dup (2509163-MSD2)	**Source: 25I0447-01**			Prepared: 09/16/2025 Analyzed: 09/25/2025						
Chloride	15	1.0	mg/L	12.50	3.5	93	80-120	0.02	10	
Fluoride	2.2	0.50	mg/L	2.000	0.64	79	80-120	0.1	10	M2
Nitrogen, Nitrate (As N)	6.0	0.50	mg/L	5.000	1.3	94	80-120	0.03	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	0.12	93	80-120	0.09	10	
Sulfate	18	5.0	mg/L	12.50	8.0	81	80-120	0.08	10	

TURNER LABORATORIES INC
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 25I0414 DATE _____ PAGE _____ OF _____

PROJECT NAME GROUNDWATER 200794530000 # 614023
CONTACT NAME TJ RIGICA
COMPANY NAME COPPER WORLD
ADDRESS 5285 E WILLIAMS CIRCLE
ZIP TUCSON, AZ PHONE 5209653723 EMAIL _____
SAMPLER'S SIGNATURE _____

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	Base Neutrals ☐ 625/8270 · Acids ☐ · Volatile Organics ☐ 624 ☐ 524.2 ☐ TOTHMS ☐ 8260 ☐ HAA5 ☐ · Chloride ☐ Sulfate ☐ Resistivity ☐ · NO3 ☐ NO2 ☐ TKN ☐ · TPH ☐ 1664 ☐ Oil & Grease ☐ · VOA ☐ TCLP Analysis SemiVOA ☐ Pest ☐ · TCLP ☐ Dissolved ☐ Metals Total ☐ RCRA8 ☐ · Total ☐ Cyanide ☐ WAD ☐ Amen ☐ · SDWA/INORGANICS PRIMARY ☐ SECONDARY ☐ · MPN ☐ Coliform PA ☐ Fecal ☐ · pH ☐ Cl2 ☐ Cl2 ☐ Turb ☐ · COD ☐ TSS ☐ BOD ☐ ·	JEE ATTACHED
POC-10	9/15	0925		GW	9		X
POC-10 DUPE	9/15	0940		GW	9		X
POC-09	9/15	1135		GW	9		X
POC-08	9/15	1257		GW	9		X
POC-07	9/15	1410		GW	9		X
POC-06	9/15	1515		GW	9		X

1. RELINQUISHED BY:
Signature _____
Printed Name TYLER HOCHSTATTER
Firm PITEAU
Date/Time 9/15/2025 1745

2. RECEIVED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time 9/15/25

TURNAROUND REQUIREMENTS:
___ Standard (approx. 10 days)*
___ Next Day ___ 2 Day ___ 5 Day*
___ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
___ I. Routine Report
___ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
___ III. Data Validation Report (includes All Raw Data) Add 10% to Invoice

INVOICE INFORMATION:
Account ___ Y ___ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers 54
Temperature 6.1 °C
☒ Wet Ice
☐ Ambient
☐ Blue Ice
IR # 49

3. RELINQUISHED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time 9/15/25

4. RECEIVED BY:
Signature _____
Printed Name E KASIK
Firm TURNER LABORATORIES, INC.
Date/Time 9/15/25 17:45

* LEGEND SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☐
COC / Labels Agree ☑

Preservation Confirmation ☐
Appropriate Head Space ☑
Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 15, 2025
Sample Received: September 17, 2025
Analysis Completed: October 02, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25I0414-01	5.2 ± 0.5	3.5 ± 0.6	1.7 ± 0.8	4.5 ± 1.3	0.5 ± 0.2	< 0.8	0.5 ± 0.2

Analysis Date/Time	9/25/2025	9/24/2025	9/25/2025	9/20/2025	9/27/2025	9/27/2025	9/27/2025
	11:15	16:41	11:15	15:58	6:34	6:34	6:34

October 2, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 15, 2025
Sample Received: September 17, 2025
Uranium Analysis Date: September 24, 2025
Uranium Analysis Time: 16:41

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25I0414-01	1.2 ± 0.3	0.056 ± 0.002	2.2 ± 0.4	3.5 ± 0.6	Activity (pCi/L)
	3.6 ± 0.8	0.026 ± 0.001	0.00036 ± 0.00006	3.6 ± 0.8	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P. October 2, 2025
Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 15, 2025 (Sample Date) 9:25 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/25/2025	1.7 ± 0.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/25/2025	5.2 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/24/2025	3.6 ± 0.8	µg/L	
			Uranium 234	4007	9/24/2025	0.00036 ± 0.00006		
			Uranium 235	4008	9/24/2025	0.026 ± 0.001		
			Uranium 238	4009	9/24/2025	3.6 ± 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/27/2025	0.5 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/27/2025	0.5 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/27/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78117

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510414-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 15, 2025 (Sample Date) 9:25 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/20/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78117

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510414-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 15, 2025
Sample Received: September 17, 2025
Analysis Completed: October 02, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
2510414-02	5.8 ± 0.6	3.4 ± 0.6	2.4 ± 0.8	< 2.7	< 0.5	< 0.8	< 0.8

Analysis Date/Time	9/25/2025	9/25/2025	9/25/2025	9/23/2025	9/27/2025	9/27/2025	9/27/2025
	12:55	9:35	9:35	7:25	10:36	10:36	10:36

October 2, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 15, 2025
Sample Received: September 17, 2025
Uranium Analysis Date: September 25, 2025
Uranium Analysis Time: 9:35

Sample No.	^{238}U	^{235}U	^{234}U	Total	
2510414-02	0.5 ± 0.2	0.025 ± 0.001	2.8 ± 0.4	3.4 ± 0.6	Activity (pCi/L)
	1.6 ± 0.6	0.012 ± 0.001	0.00045 ± 0.00007	1.6 ± 0.6	Content (µg/L)
	Comments:				

October 2, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 15, 2025 (Sample Date) 9:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/25/2025	2.4 ± 0.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/25/2025	5.8 ± 0.6		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/25/2025	1.6 ± 0.6	µg/L	
			Uranium 234	4007	9/25/2025	0.00045 ± 0.00007		
			Uranium 235	4008	9/25/2025	0.012 ± 0.001		
			Uranium 238	4009	9/25/2025	1.6 ± 0.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/27/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/27/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/27/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78118

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510414-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 15, 2025 (Sample Date) 9:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/23/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

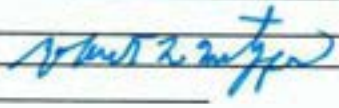
Specimen Number: RSE78118

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510414-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 15, 2025
Sample Received: September 17, 2025
Analysis Completed: October 02, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
2510414-03	5.8 ± 0.6	4.6 ± 0.7	1.2 ± 0.9	< 2.4	< 0.5	< 0.8	< 0.8

Analysis Date/Time	9/25/2025	9/25/2025	9/25/2025	9/23/2025	9/27/2025	9/27/2025	9/27/2025
	14:36	9:53	9:53	20:55	14:37	14:37	14:37

October 2, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 15, 2025
Sample Received: September 17, 2025
Uranium Analysis Date: September 25, 2025
Uranium Analysis Time: 9:53

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25I0414-03	1.1 ± 0.3	0.051 ± 0.002	3.4 ± 0.5	4.6 ± 0.7	Activity (pCi/L)
	3.3 ± 0.8	0.024 ± 0.001	0.00055 ± 0.00007	3.3 ± 0.8	Content (µg/L)
	Comments:				

October 2, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 15, 2025 (Sample Date) 11:35 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/25/2025	1.2 ± 0.9		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/25/2025	5.8 ± 0.6		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/25/2025	3.3 ± 0.8	µg/L	
			Uranium 234	4007	9/25/2025	0.00055 ± 0.00007		
			Uranium 235	4008	9/25/2025	0.024 ± 0.001		
			Uranium 238	4009	9/25/2025	3.3 ± 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/27/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/27/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/27/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78119

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510414-03

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 15, 2025 (Sample Date) 11:35 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/23/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78119

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510414-03

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 15, 2025
Sample Received: September 17, 2025
Analysis Completed: October 02, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25I0414-04	2.0 ± 0.4	1.2 ± 0.4	0.8 ± 0.6	5.1 ± 1.4	< 0.5	< 0.8	< 0.8

Analysis Date/Time	9/24/2025	9/30/2025	9/30/2025	9/24/2025	9/27/2025	9/27/2025	9/27/2025
	05:11	13:33	13:33	0:15	18:39	18:39	18:39

October 2, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 15, 2025
Sample Received: September 17, 2025
Uranium Analysis Date: September 30, 2025
Uranium Analysis Time: 13:33

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25I0414-04	0.6 ± 0.2	0.028 ± 0.001	0.5 ± 0.2	1.2 ± 0.4	Activity (pCi/L)
	1.8 ± 0.6	0.013 ± 0.001	0.00008 ± 0.00003	1.8 ± 0.6	Content (µg/L)
	Comments:				

October 2, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 15, 2025 (Sample Date) 12:57 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/30/2025	0.8 ± 0.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/24/2025	2.0 ± 0.4		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/30/2025	1.8 ± 0.6	µg/L	
			Uranium 234	4007	9/30/2025	0.00008 ± 0.00003		
			Uranium 235	4008	9/30/2025	0.013 ± 0.001		
			Uranium 238	4009	9/30/2025	1.8 ± 0.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/27/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/27/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/27/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78120

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510414-04

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 15, 2025 (Sample Date) 12:57 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

Combined Uranium must be reported in micrograms per liter

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/24/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

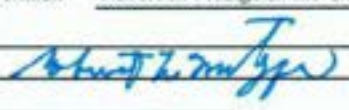
Specimen Number: RSE78120

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510414-04

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 15, 2025
Sample Received: September 17, 2025
Analysis Completed: October 02, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25I0414-05	2.6 ± 0.4	< 0.4	2.6 ± 0.4	9.6 ± 1.5	0.6 ± 0.2	1.0 ± 0.3	1.6 ± 0.4

Analysis Date/Time	9/25/2025	9/25/2025	9/25/2025	9/24/2025	9/27/2025	9/27/2025	9/27/2025
	16:16	10:25	10:25	3:35	22:41	22:41	22:41

October 2, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST.• CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 15, 2025
Sample Received: September 17, 2025
Uranium Analysis Date: September 25, 2025
Uranium Analysis Time: 10:25

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25I0414-05	< 0.3	< 0.002	< 0.3	< 0.4	Activity (pCi/L)
	< 0.8	< 0.001	< 0.00005	< 0.8	Content (µg/L)
	Comments:				

October 2, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 15, 2025 (Sample Date) 14:10 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/25/2025	2.6 ± 0.4		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/25/2025	2.6 ± 0.4		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/25/2025	< 0.8	µg/L	
			Uranium 234	4007	9/25/2025	< 0.00005		
			Uranium 235	4008	9/25/2025	< 0.001		
			Uranium 238	4009	9/25/2025	< 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/27/2025	1.6 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/27/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/27/2025	1.0 ± 0.3		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78121

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510414-05

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 15, 2025 (Sample Date) 14:10 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/24/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

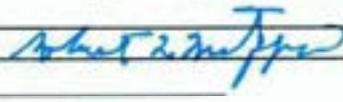
Specimen Number: RSE78121

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510414-05

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 15, 2025
Sample Received: September 17, 2025
Analysis Completed: October 02, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
2510414-06	12.2 ± 0.8	10.0 ± 1.1	2.2 ± 1.4	7.8 ± 1.5	0.5 ± 0.2	1.5 ± 0.4	2.0 ± 0.4

Analysis Date/Time	9/25/2025	9/25/2025	9/25/2025	9/24/2025	9/28/2025	9/28/2025	9/28/2025
	17:56	10:40	10:40	6:55	2:43	2:43	2:43

October 2, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 15, 2025
Sample Received: September 17, 2025
Uranium Analysis Date: September 25, 2025
Uranium Analysis Time: 10:40

Sample No.	^{238}U	^{235}U	^{234}U	Total	
2510414-06	3.6 ± 0.5	0.167 ± 0.003	6.2 ± 0.6	10.0 ± 1.1	Activity (pCi/L)
	10.7 ± 1.3	0.078 ± 0.002	0.00100 ± 0.00010	10.7 ± 1.3	Content (µg/L)
	Comments:				

October 2, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 15, 2025 (Sample Date) 15:15 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/25/2025	2.2 ± 1.4		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/25/2025	12.2 ± 0.8		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/25/2025	10.7 ± 1.3	µg/L	
			Uranium 234	4007	9/25/2025	0.00100 ± 0.00010		
			Uranium 235	4008	9/25/2025	0.078 ± 0.002		
			Uranium 238	4009	9/25/2025	10.7 ± 1.3		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/28/2025	2.0 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/28/2025	0.5 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/28/2025	1.5 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78122

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510414-06

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 15, 2025 (Sample Date) 15:15 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	9/24/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

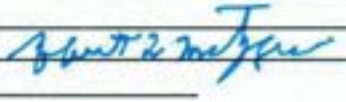
Specimen Number: RSE78122

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510414-06

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25I0414

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25I0414-01 Non-Potable Wa Sampled:09/15/2025 09:25			
Radiochemistry, Radium 226/228	10/15/2025 09:25		
Radiochemistry, Uranium	03/14/2026 09:25		
Radiochemistry, Gross Alpha Beta	03/14/2026 09:25	78117	
Containers Supplied:			
Sample ID: 25I0414-02 Non-Potable Wa Sampled:09/15/2025 09:40			
Radiochemistry, Gross Alpha Beta	03/14/2026 09:40		
Radiochemistry, Radium 226/228	10/15/2025 09:40		
Radiochemistry, Uranium	03/14/2026 09:40	78118	
Containers Supplied:			
Sample ID: 25I0414-03 Non-Potable Wa Sampled:09/15/2025 11:35			
Radiochemistry, Uranium	03/14/2026 11:35		
Radiochemistry, Gross Alpha Beta	03/14/2026 11:35		
Radiochemistry, Radium 226/228	10/15/2025 11:35	78119	
Containers Supplied:			
Sample ID: 25I0414-04 Non-Potable Wa Sampled:09/15/2025 12:57			
Radiochemistry, Radium 226/228	10/15/2025 12:57		
Radiochemistry, Uranium	03/14/2026 12:57		
Radiochemistry, Gross Alpha Beta	03/14/2026 12:57	78120	
Containers Supplied:			

Released By	Date	Received By	Date
[illegible]	9/16/25 1600	UPS	9/16/25 1600
Released By	Date	Received By	Date
		PWP/RSE	9/17/25 12:15

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25I0414

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25I0414-05 Non-Potable Wa Sampled:09/15/2025 14:10			
Radiochemistry, Gross Alpha Beta	03/14/2026 14:10		
Radiochemistry, Radium 226/228	10/15/2025 14:10		
Radiochemistry, Uranium	03/14/2026 14:10		78121
Containers Supplied:			
Sample ID: 25I0414-06 Non-Potable Wa Sampled:09/15/2025 15:15			
Radiochemistry, Uranium	03/14/2026 15:15		
Radiochemistry, Gross Alpha Beta	03/14/2026 15:15		
Radiochemistry, Radium 226/228	10/15/2025 15:15		78122
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	9/16/25 1600	UPS	9/16/25 1600
Released By	Date	Received By	Date
		PDB / RSE	9/17/25 12:15

October 13, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25I0457

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 4 sample(s) on 09/16/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25I0457-01	POC-03	Ground Water	09/16/2025 0942
25I0457-02	POC-02	Ground Water	09/16/2025 1110
25I0457-03	POC-01	Ground Water	09/16/2025 1215
25I0457-04	POC-05	Ground Water	09/16/2025 1345

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H2	Initial analysis was performed within holding time. Reanalysis for the required dilution was past holding time.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
R4	MS/MSD RPD exceeded the method acceptance limit. Recovery met the acceptance criteria.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 10/13/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Lab Sample ID: 25I0457-01

Client Sample ID: POC-03
Collection Date/Time: 09/16/2025 0942
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.1		1.1		mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.1		0.60		mg/L	1	09/17/2025 1000	09/17/2025 1700	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	09/28/2025 1350	10/02/2025 1701	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0098		0.00056		mg/L	1	10/01/2025 0832	10/01/2025 1516	SJS
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	110		4.0		mg/L	1	09/29/2025 1110	09/29/2025 1205	RAR
Magnesium	33		3.0		mg/L	1	09/29/2025 1110	09/29/2025 1205	RAR
Potassium	5.4		5.0		mg/L	1	09/29/2025 1110	09/29/2025 1205	RAR
Sodium	36		5.0		mg/L	1	09/29/2025 1110	09/29/2025 1205	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.043		0.040		mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Antimony	0.00083		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Arsenic	0.0069		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Barium	0.076		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Beryllium	0.000053	0.000013	0.00025	E4	mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Chromium	0.0012		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Cobalt	0.00035		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Copper	0.0020		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Manganese	0.026		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Molybdenum	0.18		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Nickel	0.0031		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Selenium	0.0037		0.0025		mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Thallium	0.000025	0.000023	0.00050	E4	mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
Uranium	0.0095		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR

Client: Copper World, Inc. **Client Sample ID:** POC-03
Project: Ambient GW Monitoring **Collection Date/Time:** 09/16/2025 0942
Work Order: 25I0457 **Matrix:** Ground Water
Lab Sample ID: 25I0457-01

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.026	0.0023	0.040	E4	mg/L	1	09/26/2025 1131	09/26/2025 1641	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8, R4	mg/L	1	09/27/2025 1352	09/30/2025 1630	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	26		5.0		mg/L	5	09/17/2025 1000	09/25/2025 2300	ES
Fluoride	1.6		0.50		mg/L	1	09/17/2025 1000	09/17/2025 1700	ES
Nitrogen, Nitrate (As N)	1.1		0.50		mg/L	1	09/17/2025 1000	09/17/2025 1700	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	09/17/2025 1000	09/17/2025 1700	ES
Sulfate	220		25		mg/L	5	09/17/2025 1000	09/25/2025 2300	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	10/02/2025 0849	10/02/2025 1427	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	260		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Total (As CaCO3)	260		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	660		20		mg/L	1	09/22/2025 0827	09/24/2025 1100	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	09/22/2025 1011	09/23/2025 0858	ES
pH-SM4500-H+ B									

Turner Laboratories, Inc.

Date: 10/13/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Lab Sample ID: 25I0457-01

Client Sample ID: POC-03
Collection Date/Time: 09/16/2025 0942
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.4			H5	-	1	10/06/2025 1700	10/06/2025 1733	IM
Temperature (°C)	21			H5	-	1	10/06/2025 1700	10/06/2025 1733	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2029	PB
Carbon disulfide	ND	0.11	2.0	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2029	PB
Ethylbenzene	ND	0.054	0.50	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2029	PB
Toluene	ND	0.057	0.50	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2029	PB
Xylenes, Total	ND	0.13	1.5	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2029	PB
Surr: 4-Bromofluorobenzene	*112*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2029*	*PB*
Surr: Dibromofluoromethane	*104*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2029*	*PB*
Surr: Toluene-d8	*108*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2029*	*PB*

Client: Copper World, Inc. **Client Sample ID:** POC-02
Project: Ambient GW Monitoring **Collection Date/Time:** 09/16/2025 1110
Work Order: 25I0457 **Matrix:** Ground Water
Lab Sample ID: 25I0457-02

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.7		1.1		mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.7		0.60		mg/L	1	09/17/2025 1000	09/17/2025 1719	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	09/28/2025 1350	10/02/2025 1704	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.016		0.00056		mg/L	1	10/01/2025 0832	10/01/2025 1519	SJS
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	230		4.0		mg/L	1	09/29/2025 1110	09/29/2025 1332	RAR
Magnesium	71		3.0		mg/L	1	09/29/2025 1110	09/29/2025 1332	RAR
Potassium	4.4	0.14	5.0	E4	mg/L	1	09/29/2025 1110	09/29/2025 1332	RAR
Sodium	32		5.0		mg/L	1	09/29/2025 1110	09/29/2025 1332	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Antimony	0.00091		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Arsenic	0.0075		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Barium	0.027		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Beryllium	0.000036	0.000013	0.00025	E4	mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Chromium	0.0011		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Cobalt	0.00048		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Copper	0.0011		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Manganese	0.0066		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Molybdenum	0.18		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Nickel	0.0049		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Selenium	0.011		0.0025		mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Uranium	0.018		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR
Zinc	0.0036	0.0023	0.040	E4	mg/L	1	09/26/2025 1131	09/26/2025 1645	RAR

Turner Laboratories, Inc.

Date: 10/13/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Lab Sample ID: 25I0457-02

Client Sample ID: POC-02
Collection Date/Time: 09/16/2025 1110
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/02/2025 0841	10/03/2025 1231	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	67		5.0		mg/L	5	09/17/2025 1000	09/26/2025 1605	ES
Fluoride	1.5		0.50		mg/L	1	09/17/2025 1000	09/17/2025 1719	ES
Nitrogen, Nitrate (As N)	1.7		0.50		mg/L	1	09/17/2025 1000	09/17/2025 1719	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	09/17/2025 1000	09/17/2025 1719	ES
Sulfate	660		50		mg/L	10	09/17/2025 1000	09/26/2025 1629	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	10/02/2025 0849	10/02/2025 1427	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	180		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Total (As CaCO3)	180		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1300		20		mg/L	1	09/22/2025 0827	09/24/2025 1100	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	09/22/2025 1011	09/23/2025 0858	ES
pH-SM4500-H+ B									
pH (pH Units)	7.3			H5	-	1	10/06/2025 1700	10/06/2025 1741	IM
Temperature (°C)	21			H5	-	1	10/06/2025 1700	10/06/2025 1741	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Lab Sample ID: 25I0457-02

Client Sample ID: POC-02
Collection Date/Time: 09/16/2025 1110
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2105	PB
Carbon disulfide	ND	0.11	2.0	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2105	PB
Ethylbenzene	ND	0.054	0.50	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2105	PB
Toluene	ND	0.057	0.50	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2105	PB
Xylenes, Total	ND	0.13	1.5	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2105	PB
Surr: 4-Bromofluorobenzene	*111*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2105*	*PB*
Surr: Dibromofluoromethane	*104*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2105*	*PB*
Surr: Toluene-d8	*111*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2105*	*PB*

Client: Copper World, Inc. **Client Sample ID:** POC-01
Project: Ambient GW Monitoring **Collection Date/Time:** 09/16/2025 1215
Work Order: 25I0457 **Matrix:** Ground Water
Lab Sample ID: 25I0457-03

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	25		3.1		mg/L	5	09/29/2025 1025	09/29/2025 1458	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	25		2.6		mg/L	5	09/17/2025 1000	09/26/2025 2051	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	09/28/2025 1350	10/02/2025 1707	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.033		0.00056		mg/L	1	10/01/2025 0832	10/01/2025 1528	SJS
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	270		4.0		mg/L	1	09/29/2025 1110	09/29/2025 1335	RAR
Magnesium	77		3.0		mg/L	1	09/29/2025 1110	09/29/2025 1335	RAR
Potassium	5.8		5.0		mg/L	1	09/29/2025 1110	09/29/2025 1335	RAR
Sodium	20		5.0		mg/L	1	09/29/2025 1110	09/29/2025 1335	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Antimony	0.00034	0.000039	0.00050	E4	mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Arsenic	0.0045		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Barium	0.036		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Beryllium	0.000020	0.000013	0.00025	E4	mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Chromium	0.0013		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Cobalt	0.00065		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Copper	0.00068		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Manganese	0.0017		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Molybdenum	0.078		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Nickel	0.0056		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Selenium	0.015		0.0025		mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Uranium	0.036		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR
Zinc	0.0065	0.0023	0.040	E4	mg/L	1	09/26/2025 1131	09/26/2025 1648	RAR

Turner Laboratories, Inc.

Date: 10/13/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Lab Sample ID: 25I0457-03

Client Sample ID: POC-01
Collection Date/Time: 09/16/2025 1215
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	0.00031	0.00015	0.0010	E4	mg/L	1	10/02/2025 0841	10/03/2025 1330	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	42		5.0		mg/L	5	09/17/2025 1000	09/26/2025 2051	ES
Fluoride	0.87		0.50		mg/L	1	09/17/2025 1000	09/17/2025 1738	ES
Nitrogen, Nitrate (As N)	25		2.5	H2	mg/L	5	09/17/2025 1000	09/26/2025 2051	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	09/17/2025 1000	09/17/2025 1738	ES
Sulfate	670		50		mg/L	10	09/17/2025 1000	09/26/2025 2115	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	10/02/2025 0849	10/02/2025 1427	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Total (As CaCO3)	190		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400		20		mg/L	1	09/22/2025 0827	09/24/2025 1100	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	09/22/2025 1011	09/23/2025 0858	ES
pH-SM4500-H+ B									
pH (pH Units)	7.3			H5	-	1	10/06/2025 1700	10/06/2025 1744	IM
Temperature (°C)	21			H5	-	1	10/06/2025 1700	10/06/2025 1744	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Lab Sample ID: 25I0457-03

Client Sample ID: POC-01
Collection Date/Time: 09/16/2025 1215
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2141	PB
Carbon disulfide	ND	0.11	2.0	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2141	PB
Ethylbenzene	ND	0.054	0.50	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2141	PB
Toluene	ND	0.057	0.50	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2141	PB
Xylenes, Total	ND	0.13	1.5	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2141	PB
Surr: 4-Bromofluorobenzene	*112*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2141*	*PB*
Surr: Dibromofluoromethane	*105*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2141*	*PB*
Surr: Toluene-d8	*108*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2141*	*PB*

Turner Laboratories, Inc.

Date: 10/13/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Lab Sample ID: 25I0457-04

Client Sample ID: POC-05
Collection Date/Time: 09/16/2025 1345
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	09/17/2025 1000	09/17/2025 1758	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.18	0.020	0.30	E4	mg/L	1	09/28/2025 1350	10/02/2025 1736	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.024		0.00056		mg/L	1	10/01/2025 0832	10/01/2025 1531	SJS
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	44		4.0		mg/L	1	09/29/2025 1110	09/29/2025 1338	RAR
Magnesium	9.1		3.0		mg/L	1	09/29/2025 1110	09/29/2025 1338	RAR
Potassium	3.7	0.14	5.0	E4	mg/L	1	09/29/2025 1110	09/29/2025 1338	RAR
Sodium	54		5.0		mg/L	1	09/29/2025 1110	09/29/2025 1338	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.046		0.040		mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Arsenic	0.0039		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Barium	0.092		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Beryllium	0.000024	0.000013	0.00025	E4	mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Chromium	0.0014		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Cobalt	0.000092	0.000010	0.00025	E4	mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Copper	0.0013		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Manganese	0.10		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Molybdenum	0.040		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Nickel	0.00088		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Selenium	0.0019	0.00025	0.0025	E4	mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Uranium	0.024		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR
Zinc	0.0029	0.0023	0.040	E4	mg/L	1	09/26/2025 1131	09/26/2025 1651	RAR

Turner Laboratories, Inc.

Date: 10/13/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Lab Sample ID: 25I0457-04

Client Sample ID: POC-05
Collection Date/Time: 09/16/2025 1345
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	0.00095	0.00015	0.0010	E4	mg/L	1	10/02/2025 0841	10/03/2025 1333	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	19		1.0		mg/L	1	09/17/2025 1000	09/17/2025 1758	ES
Fluoride	2.4		0.50		mg/L	1	09/17/2025 1000	09/17/2025 1758	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	09/17/2025 1000	09/17/2025 1758	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	09/17/2025 1000	09/17/2025 1758	ES
Sulfate	25		5.0		mg/L	1	09/17/2025 1000	09/17/2025 1758	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	10/02/2025 0849	10/02/2025 1427	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Total (As CaCO3)	230		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	330		20		mg/L	1	09/22/2025 0827	09/24/2025 1100	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	09/22/2025 1011	09/23/2025 0858	ES
pH-SM4500-H+ B									
pH (pH Units)	7.7			H5	-	1	10/06/2025 1700	10/06/2025 1746	IM
Temperature (°C)	21			H5	-	1	10/06/2025 1700	10/06/2025 1746	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Lab Sample ID: 25I0457-04

Client Sample ID: POC-05
Collection Date/Time: 09/16/2025 1345
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2217	PB
Carbon disulfide	ND	0.11	2.0	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2217	PB
Ethylbenzene	ND	0.054	0.50	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2217	PB
Toluene	ND	0.057	0.50	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2217	PB
Xylenes, Total	ND	0.13	1.5	E8, H2	ug/L	1	10/01/2025 0800	10/01/2025 2217	PB
Surr: 4-Bromofluorobenzene	*111*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2217*	*PB*
Surr: Dibromofluoromethane	*104*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2217*	*PB*
Surr: Toluene-d8	*110*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2217*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509280 - EPA 245.1										
Blank (2509280-BLK1)				Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.00015	0.0010	mg/L							
LCS (2509280-BS1)				Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.0056	0.0010	mg/L	0.005000		111	85-115			
LCS Dup (2509280-BSD1)				Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.0056	0.0010	mg/L	0.005000		113	85-115	1	20	
Matrix Spike (2509280-MS1)		**Source: 25I0457-01**		Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.0043	0.0010	mg/L	0.005000	ND	86	70-130			R4
Matrix Spike (2509280-MS2)		**Source: 25I0480-01**		Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.0054	0.0010	mg/L	0.005000	ND	108	70-130			
Matrix Spike Dup (2509280-MSD1)		**Source: 25I0457-01**		Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.0055	0.0010	mg/L	0.005000	ND	109	70-130	24	20	R4
Matrix Spike Dup (2509280-MSD2)		**Source: 25I0480-01**		Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.0053	0.0010	mg/L	0.005000	ND	107	70-130	1	20	
Batch 2509282 - E200.7 (4.4)										
Blank (2509282-BLK1)				Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	ND	0.33	mg/L							
LCS (2509282-BS1)				Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	1.0	0.33	mg/L	1.111		92	85-115			
LCS Dup (2509282-BSD1)				Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	1.0	0.33	mg/L	1.111		92	85-115	0.2	20	
Matrix Spike (2509282-MS1)		**Source: 25I0458-01**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	2.4	0.33	mg/L	1.111	1.2	111	70-130			
Matrix Spike (2509282-MS2)		**Source: 25I0471-01**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	0.93	0.33	mg/L	1.111	ND	84	70-130			
Batch 2509289 - EPA 200.7 (4.4)										
Blank (2509289-BLK1)				Prepared & Analyzed: 09/29/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.80	5.0	mg/L							
LCS (2509289-BS1)				Prepared & Analyzed: 09/29/2025						
Calcium	10	4.0	mg/L	10.00		102	85-115			
Magnesium	10	3.0	mg/L	10.00		100	85-115			
Potassium	10	5.0	mg/L	10.00		101	85-115			
Sodium	10	5.0	mg/L	10.00		104	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509289 - EPA 200.7 (4.4)										
LCS Dup (2509289-BSD1)				Prepared & Analyzed: 09/29/2025						
Calcium	10	4.0	mg/L	10.00		101	85-115	0.5	20	
Magnesium	9.9	3.0	mg/L	10.00		99	85-115	0.5	20	
Potassium	10	5.0	mg/L	10.00		100	85-115	0.7	20	
Sodium	10	5.0	mg/L	10.00		103	85-115	0.9	20	
Matrix Spike (2509289-MS1)	**Source: 25I0647-01**			Prepared & Analyzed: 09/29/2025						
Calcium	680	4.0	mg/L	10.00	680	24	70-130			M2
Magnesium	180	3.0	mg/L	10.00	170	139	70-130			M1
Potassium	56	5.0	mg/L	10.00	45	108	70-130			
Sodium	260	50	mg/L	10.00	250	75	70-130			
Matrix Spike (2509289-MS2)	**Source: 25I0414-04**			Prepared & Analyzed: 09/29/2025						
Calcium	95	4.0	mg/L	10.00	85	102	70-130			
Magnesium	23	3.0	mg/L	10.00	13	108	70-130			
Potassium	13	5.0	mg/L	10.00	2.8	104	70-130			
Sodium	25	5.0	mg/L	10.00	16	97	70-130			
Batch 2509292 - EPA 200.8 (5.4)										
Blank (2509292-BLK1)				Prepared & Analyzed: 09/26/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	0.000032	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	0.00020	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509292 - EPA 200.8 (5.4)										
LCS (2509292-BS1)				Prepared & Analyzed: 09/26/2025						
Aluminum	0.11	0.040	mg/L	0.1000		107	85-115			
Antimony	0.055	0.00050	mg/L	0.05000		109	85-115			
Arsenic	0.055	0.00050	mg/L	0.05000		109	85-115			
Barium	0.055	0.00050	mg/L	0.05000		110	85-115			
Beryllium	0.053	0.00025	mg/L	0.05000		105	85-115			
Cadmium	0.054	0.00025	mg/L	0.05000		109	85-115			
Chromium	0.054	0.00050	mg/L	0.05000		109	85-115			
Cobalt	0.054	0.00025	mg/L	0.05000		109	85-115			
Copper	0.055	0.00050	mg/L	0.05000		109	85-115			
Lead	0.054	0.00050	mg/L	0.05000		109	85-115			
Manganese	0.054	0.00025	mg/L	0.05000		108	85-115			
Molybdenum	0.055	0.00025	mg/L	0.05000		111	85-115			
Nickel	0.054	0.00050	mg/L	0.05000		108	85-115			
Selenium	0.054	0.0025	mg/L	0.05000		108	85-115			
Thallium	0.054	0.00050	mg/L	0.05000		108	85-115			
Uranium	0.054	0.00050	mg/L	0.05000		109	85-115			
Zinc	0.11	0.040	mg/L	0.1000		108	85-115			
LCS Dup (2509292-BSD1)				Prepared & Analyzed: 09/26/2025						
Aluminum	0.11	0.040	mg/L	0.1000		106	85-115	1	20	
Antimony	0.054	0.00050	mg/L	0.05000		108	85-115	0.7	20	
Arsenic	0.054	0.00050	mg/L	0.05000		109	85-115	0.5	20	
Barium	0.054	0.00050	mg/L	0.05000		109	85-115	0.6	20	
Beryllium	0.053	0.00025	mg/L	0.05000		106	85-115	0.6	20	
Cadmium	0.054	0.00025	mg/L	0.05000		108	85-115	0.5	20	
Chromium	0.054	0.00050	mg/L	0.05000		108	85-115	0.7	20	
Cobalt	0.054	0.00025	mg/L	0.05000		108	85-115	0.8	20	
Copper	0.054	0.00050	mg/L	0.05000		109	85-115	0.4	20	
Lead	0.054	0.00050	mg/L	0.05000		108	85-115	1	20	
Manganese	0.054	0.00025	mg/L	0.05000		108	85-115	0.002	20	
Molybdenum	0.054	0.00025	mg/L	0.05000		108	85-115	3	20	
Nickel	0.054	0.00050	mg/L	0.05000		107	85-115	0.7	20	
Selenium	0.054	0.0025	mg/L	0.05000		109	85-115	0.8	20	
Thallium	0.054	0.00050	mg/L	0.05000		107	85-115	1	20	
Uranium	0.054	0.00050	mg/L	0.05000		109	85-115	0.07	20	
Zinc	0.11	0.040	mg/L	0.1000		108	85-115	0.2	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509292 - EPA 200.8 (5.4)										
Matrix Spike (2509292-MS1)		**Source: 25I0447-01**		Prepared & Analyzed: 09/26/2025						
Aluminum	0.28	0.040	mg/L	0.1000	0.17	101	70-130			
Antimony	0.053	0.00050	mg/L	0.05000	0.00027	105	70-130			
Arsenic	0.054	0.00050	mg/L	0.05000	0.0018	105	70-130			
Barium	0.073	0.00050	mg/L	0.05000	0.022	101	70-130			
Beryllium	0.051	0.00025	mg/L	0.05000	0.000057	102	70-130			
Cadmium	0.051	0.00025	mg/L	0.05000	ND	101	70-130			
Chromium	0.050	0.00050	mg/L	0.05000	0.0012	98	70-130			
Cobalt	0.049	0.00025	mg/L	0.05000	0.00025	97	70-130			
Copper	0.072	0.00050	mg/L	0.05000	0.025	93	70-130			
Lead	0.055	0.00050	mg/L	0.05000	0.0049	99	70-130			
Manganese	0.054	0.00025	mg/L	0.05000	0.0058	97	70-130			
Molybdenum	0.061	0.00025	mg/L	0.05000	0.012	97	70-130			
Nickel	0.050	0.00050	mg/L	0.05000	0.0032	94	70-130			
Selenium	0.056	0.0025	mg/L	0.05000	0.0011	111	70-130			
Thallium	0.045	0.00050	mg/L	0.05000	ND	90	70-130			
Uranium	0.052	0.00050	mg/L	0.05000	0.00015	104	70-130			
Zinc	0.14	0.040	mg/L	0.1000	0.032	107	70-130			
Batch 2510001 - E200.8 (5.4)										
Blank (2510001-BLK1)				Prepared & Analyzed: 10/01/2025						
Uranium	ND	0.00050	mg/L							
LCS (2510001-BS1)				Prepared & Analyzed: 10/01/2025						
Uranium	0.052	0.00050	mg/L	0.05000		105	85-115			
LCS Dup (2510001-BSD1)				Prepared & Analyzed: 10/01/2025						
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115	0.1	20	
Matrix Spike (2510001-MS1)		**Source: 25I0611-01**		Prepared & Analyzed: 10/01/2025						
Uranium	0.056	0.00050	mg/L	0.05000	0.00099	111	70-130			
Matrix Spike (2510001-MS2)		**Source: 25I0612-01**		Prepared & Analyzed: 10/01/2025						
Uranium	0.055	0.00050	mg/L	0.05000	0.00082	108	70-130			
Batch 2510017 - EPA 245.1										
Blank (2510017-BLK1)				Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	ND	0.0010	mg/L							
LCS (2510017-BS1)				Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	0.0045	0.0010	mg/L	0.005000		89	85-115			
LCS Dup (2510017-BSD1)				Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	0.0045	0.0010	mg/L	0.005000		90	85-115	1	20	
Matrix Spike (2510017-MS1)		**Source: 25I0414-01**		Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	0.0039	0.0010	mg/L	0.005000	ND	78	70-130			
Matrix Spike (2510017-MS2)		**Source: 25I0414-02**		Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	0.0043	0.0010	mg/L	0.005000	ND	85	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510017 - EPA 245.1										
Matrix Spike Dup (2510017-MSD1)		**Source: 25I0414-01**		Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	0.0042	0.0010	mg/L	0.005000	ND	84	70-130	7	20	
Matrix Spike Dup (2510017-MSD2)		**Source: 25I0414-02**		Prepared: 10/02/2025 Analyzed: 10/03/2025						
Mercury	0.0043	0.0010	mg/L	0.005000	ND	85	70-130	0.6	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509203 - SM2540 C										
Duplicate (2509203-DUP1)		**Source: 25I0455-03**		Prepared: 09/22/2025 Analyzed: 09/24/2025						
Total Dissolved Solids (Residue, Filterable)	260	20	mg/L		270			5	5	
Duplicate (2509203-DUP2)		**Source: 25I0456-01**		Prepared: 09/22/2025 Analyzed: 09/24/2025						
Total Dissolved Solids (Residue, Filterable)	8700	20	mg/L		8800			0.6	5	
Batch 2509206 - SM4500-CN BE										
Blank (2509206-BLK1)				Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	ND	0.10	mg/L							
LCS (2509206-BS1)				Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	2.0	0.10	mg/L	2.000		99	85-115			
LCS Dup (2509206-BSD1)				Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	2.0	0.10	mg/L	2.000		100	85-115	2	15	
Matrix Spike (2509206-MS1)		**Source: 25I0248-01**		Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	2.0	0.10	mg/L	2.000	ND	102	80-120			
Matrix Spike Dup (2509206-MSD1)		**Source: 25I0248-01**		Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	2.1	0.10	mg/L	2.000	ND	105	80-120	3	15	
Batch 2509256 - SM2320B										
Blank (2509256-BLK1)				Prepared & Analyzed: 09/25/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2509256-BS1)				Prepared & Analyzed: 09/25/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		98	90-110			
LCS Dup (2509256-BSD1)				Prepared & Analyzed: 09/25/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110	0.8	10	
Matrix Spike (2509256-MS1)		**Source: 25I0480-02**		Prepared & Analyzed: 09/25/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	18	96	70-130			
Matrix Spike Dup (2509256-MSD1)		**Source: 25I0480-02**		Prepared & Analyzed: 09/25/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	18	95	70-130	0.8	10	
Batch 2509288 - EPA 351.2										
Blank (2509288-BLK1)				Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2509288-BS1)				Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000		97	80-120			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509288 - EPA 351.2										
LCS Dup (2509288-BSD1)				Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		100	80-120	3	20	
Matrix Spike (2509288-MS1)		**Source: 25I0414-01**		Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	ND	100	80-120			
Matrix Spike (2509288-MS2)		**Source: 25I0512-01**		Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	4.7	0.50	mg/L	5.000	ND	95	80-120			
Matrix Spike Dup (2509288-MSD1)		**Source: 25I0414-01**		Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	4.8	0.50	mg/L	5.000	ND	95	80-120	5	20	
Matrix Spike Dup (2509288-MSD2)		**Source: 25I0512-01**		Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	4.7	0.50	mg/L	5.000	ND	93	80-120	1	20	
Batch 2510022 - SM 4500-NH3 B, F										
Blank (2510022-BLK1)				Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2510022-BS1)				Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		106	90-110			
LCS Dup (2510022-BSD1)				Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		107	90-110	1	10	
Matrix Spike (2510022-MS1)		**Source: 25I0375-10RE1**		Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	3.1	0.50	mg/L	2.500	0.53	102	80-120			
Matrix Spike Dup (2510022-MSD1)		**Source: 25I0375-10RE1**		Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	3.2	0.50	mg/L	2.500	0.53	105	80-120	3	20	
Batch 2510037 - SM4500-H+ B										
Duplicate (2510037-DUP1)		**Source: 25I0457-01**		Prepared & Analyzed: 10/06/2025						
pH (pH Units)	7.4		-		7.4			0.4	200	H5
Temperature (°C)	22		-		21			2	200	H5
Duplicate (2510037-DUP2)		**Source: 25I0663-01**		Prepared & Analyzed: 10/06/2025						
pH (pH Units)	7.5		-		7.5			0.1	200	H5
Temperature (°C)	24		-		23			1	200	H5

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509276 - SW8260B										
Blank (2509276-BLK1)				Prepared & Analyzed: 09/26/2025						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*48.5*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Dibromofluoromethane	*47.8*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*50.4*		*ug/L*	*50.00*		*101*	*70-130*			
LCS (2509276-BS1)				Prepared & Analyzed: 09/26/2025						
1,1-Dichloroethene	46	0.50	ug/L	50.00		92	70-130			
Benzene	50	0.50	ug/L	50.00		100	70-130			
Chlorobenzene	50	0.50	ug/L	50.00		99	70-130			
Toluene	51	0.50	ug/L	50.00		102	70-130			
Trichloroethene	47	0.50	ug/L	50.00		95	70-130			
Surrogate: 4-Bromofluorobenzene	*47.9*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Dibromofluoromethane	*47.8*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*50.0*		*ug/L*	*50.00*		*100*	*70-130*			
LCS Dup (2509276-BSD1)				Prepared & Analyzed: 09/26/2025						
1,1-Dichloroethene	47	0.50	ug/L	50.00		95	70-130	3	30	
Benzene	52	0.50	ug/L	50.00		104	70-130	4	30	
Chlorobenzene	51	0.50	ug/L	50.00		101	70-130	2	30	
Toluene	54	0.50	ug/L	50.00		109	70-130	6	30	
Trichloroethene	49	0.50	ug/L	50.00		97	70-130	2	30	
Surrogate: 4-Bromofluorobenzene	*52.3*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*48.0*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*51.1*		*ug/L*	*50.00*		*102*	*70-130*			
Matrix Spike (2509276-MS1)	**Source: 25I0647-01**			Prepared: 09/26/2025 Analyzed: 09/27/2025						
1,1-Dichloroethene	51	0.50	ug/L	50.00	ND	101	70-130			
Benzene	57	0.50	ug/L	50.00	ND	114	70-130			
Chlorobenzene	50	0.50	ug/L	50.00	ND	100	70-130			
Toluene	56	0.50	ug/L	50.00	ND	112	70-130			
Trichloroethene	47	0.50	ug/L	50.00	ND	94	70-130			
Surrogate: 4-Bromofluorobenzene	*54.2*		*ug/L*	*50.00*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*51.9*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Toluene-d8	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
Matrix Spike (2509276-MS2)	**Source: 25I0663-01**			Prepared: 09/26/2025 Analyzed: 09/27/2025						
1,1-Dichloroethene	48	0.50	ug/L	50.00	ND	95	70-130			
Benzene	53	0.50	ug/L	50.00	ND	106	70-130			
Chlorobenzene	49	0.50	ug/L	50.00	ND	98	70-130			
Toluene	55	0.50	ug/L	50.00	ND	109	70-130			
Trichloroethene	45	0.50	ug/L	50.00	ND	91	70-130			
Surrogate: 4-Bromofluorobenzene	*54.4*		*ug/L*	*50.00*		*109*	*70-130*			
Surrogate: Dibromofluoromethane	*50.3*		*ug/L*	*50.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509276 - SW8260B										
Matrix Spike Dup (2509276-MSD1)	**Source: 25I0647-01**			Prepared: 09/26/2025 Analyzed: 09/27/2025						
1,1-Dichloroethene	47	0.50	ug/L	50.00	ND	94	70-130	7	30	
Benzene	55	0.50	ug/L	50.00	ND	110	70-130	3	30	
Chlorobenzene	50	0.50	ug/L	50.00	ND	99	70-130	0.9	30	
Toluene	56	0.50	ug/L	50.00	ND	111	70-130	0.9	30	
Trichloroethene	46	0.50	ug/L	50.00	ND	91	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*54.7*		*ug/L*	*50.00*		*109*	*70-130*			
Surrogate: Dibromofluoromethane	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Toluene-d8	*54.9*		*ug/L*	*50.00*		*110*	*70-130*			
Matrix Spike Dup (2509276-MSD2)	**Source: 25I0663-01**			Prepared: 09/26/2025 Analyzed: 09/27/2025						
1,1-Dichloroethene	49	0.50	ug/L	50.00	ND	98	70-130	2	30	
Benzene	56	0.50	ug/L	50.00	ND	113	70-130	6	30	
Chlorobenzene	51	0.50	ug/L	50.00	ND	103	70-130	5	30	
Toluene	57	0.50	ug/L	50.00	ND	115	70-130	5	30	
Trichloroethene	47	0.50	ug/L	50.00	ND	94	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*55.5*		*ug/L*	*50.00*		*111*	*70-130*			
Surrogate: Dibromofluoromethane	*51.6*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*54.5*		*ug/L*	*50.00*		*109*	*70-130*			
Batch 2510025 - SW8260B										
Blank (2510025-BLK1)				Prepared & Analyzed: 10/01/2025						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*59.4*		*ug/L*	*50.00*		*119*	*70-130*			
Surrogate: Dibromofluoromethane	*52.7*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Toluene-d8	*55.0*		*ug/L*	*50.00*		*110*	*70-130*			
LCS (2510025-BS1)				Prepared & Analyzed: 10/01/2025						
1,1-Dichloroethene	46	0.50	ug/L	50.00		93	70-130			
Benzene	50	0.50	ug/L	50.00		101	70-130			
Chlorobenzene	45	0.50	ug/L	50.00		89	70-130			
Toluene	49	0.50	ug/L	50.00		99	70-130			
Trichloroethene	43	0.50	ug/L	50.00		85	70-130			
Surrogate: 4-Bromofluorobenzene	*55.8*		*ug/L*	*50.00*		*112*	*70-130*			
Surrogate: Dibromofluoromethane	*51.4*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*50.4*		*ug/L*	*50.00*		*101*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510025 - SW8260B										
LCS Dup (2510025-BSD1)				Prepared & Analyzed: 10/01/2025						
1,1-Dichloroethene	52	0.50	ug/L	50.00		103	70-130	11	30	
Benzene	56	0.50	ug/L	50.00		111	70-130	10	30	
Chlorobenzene	50	0.50	ug/L	50.00		101	70-130	12	30	
Toluene	54	0.50	ug/L	50.00		109	70-130	9	30	
Trichloroethene	48	0.50	ug/L	50.00		95	70-130	11	30	
Surrogate: 4-Bromofluorobenzene	*58.0*		*ug/L*	*50.00*		*116*	*70-130*			
Surrogate: Dibromofluoromethane	*51.5*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*51.7*		*ug/L*	*50.00*		*103*	*70-130*			
Matrix Spike (2510025-MS1)		**Source: 25I0681-01**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
1,1-Dichloroethene	41	0.50	ug/L	50.00	ND	83	70-130			
Benzene	52	0.50	ug/L	50.00	0.091	104	70-130			
Chlorobenzene	45	0.50	ug/L	50.00	0.13	90	70-130			
Toluene	51	0.50	ug/L	50.00	0.079	102	70-130			
Trichloroethene	44	0.50	ug/L	50.00	0.10	87	70-130			
Surrogate: 4-Bromofluorobenzene	*57.6*		*ug/L*	*50.00*		*115*	*70-130*			
Surrogate: Dibromofluoromethane	*49.6*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*52.2*		*ug/L*	*50.00*		*104*	*70-130*			
Matrix Spike (2510025-MS2)		**Source: 25I0681-02**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
1,1-Dichloroethene	46	0.50	ug/L	50.00	ND	92	70-130			
Benzene	57	0.50	ug/L	50.00	ND	115	70-130			
Chlorobenzene	50	0.50	ug/L	50.00	ND	100	70-130			
Toluene	57	0.50	ug/L	50.00	ND	114	70-130			
Trichloroethene	48	0.50	ug/L	50.00	ND	96	70-130			
Surrogate: 4-Bromofluorobenzene	*57.9*		*ug/L*	*50.00*		*116*	*70-130*			
Surrogate: Dibromofluoromethane	*49.3*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Matrix Spike Dup (2510025-MSD1)		**Source: 25I0681-01**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
1,1-Dichloroethene	43	0.50	ug/L	50.00	ND	87	70-130	5	30	
Benzene	55	0.50	ug/L	50.00	0.091	110	70-130	5	30	
Chlorobenzene	48	0.50	ug/L	50.00	0.13	97	70-130	8	30	
Toluene	55	0.50	ug/L	50.00	0.079	110	70-130	7	30	
Trichloroethene	47	0.50	ug/L	50.00	0.10	93	70-130	7	30	
Surrogate: 4-Bromofluorobenzene	*56.7*		*ug/L*	*50.00*		*113*	*70-130*			
Surrogate: Dibromofluoromethane	*49.5*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*52.2*		*ug/L*	*50.00*		*104*	*70-130*			
Matrix Spike Dup (2510025-MSD2)		**Source: 25I0681-02**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
1,1-Dichloroethene	43	0.50	ug/L	50.00	ND	87	70-130	6	30	
Benzene	56	0.50	ug/L	50.00	ND	112	70-130	2	30	
Chlorobenzene	49	0.50	ug/L	50.00	ND	97	70-130	3	30	
Toluene	55	0.50	ug/L	50.00	ND	111	70-130	3	30	
Trichloroethene	47	0.50	ug/L	50.00	ND	94	70-130	2	30	
Surrogate: 4-Bromofluorobenzene	*59.3*		*ug/L*	*50.00*		*119*	*70-130*			
Surrogate: Dibromofluoromethane	*49.7*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*51.9*		*ug/L*	*50.00*		*104*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0457
Date Received: 09/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509170 - EPA 300.0 (2.1)										
Blank (2509170-BLK1)				Prepared & Analyzed: 09/17/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2509170-BS1)				Prepared & Analyzed: 09/17/2025						
Chloride	12	1.0	mg/L	12.50		94	90-110			
Fluoride	1.9	0.50	mg/L	2.000		93	90-110			
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		96	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		95	90-110			
Sulfate	13	5.0	mg/L	12.50		102	90-110			
LCS Dup (2509170-BSD1)				Prepared & Analyzed: 09/17/2025						
Chloride	12	1.0	mg/L	12.50		94	90-110	0.02	10	
Fluoride	1.9	0.50	mg/L	2.000		94	90-110	1	10	
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		96	90-110	0.2	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		95	90-110	0.06	10	
Sulfate	13	5.0	mg/L	12.50		102	90-110	0.04	10	
Matrix Spike (2509170-MS1)	**Source: 25I0458-01**			Prepared: 09/17/2025 Analyzed: 09/26/2025						
Chloride	26	1.0	mg/L	12.50	11	122	80-120			M1
Fluoride	2.5	0.50	mg/L	2.000	0.46	102	80-120			
Nitrogen, Nitrate (As N)	8.0	0.50	mg/L	5.000	2.4	113	80-120			
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	0.066	103	80-120			
Sulfate	27	5.0	mg/L	12.50	15	100	80-120			
Matrix Spike (2509170-MS2)	**Source: 25I0480-02**			Prepared: 09/17/2025 Analyzed: 09/26/2025						
Chloride	13	1.0	mg/L	12.50	ND	106	80-120			
Fluoride	2.1	0.50	mg/L	2.000	ND	107	80-120			
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	ND	109	80-120			
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	105	80-120			
Sulfate	14	5.0	mg/L	12.50	ND	110	80-120			
Matrix Spike Dup (2509170-MSD1)	**Source: 25I0458-01**			Prepared: 09/17/2025 Analyzed: 09/26/2025						
Chloride	26	1.0	mg/L	12.50	11	122	80-120	0.002	10	M1
Fluoride	2.5	0.50	mg/L	2.000	0.46	101	80-120	0.1	10	
Nitrogen, Nitrate (As N)	8.1	0.50	mg/L	5.000	2.4	114	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.7	0.10	mg/L	2.500	0.066	104	80-120	1	10	
Sulfate	27	5.0	mg/L	12.50	15	100	80-120	0.1	10	
Matrix Spike Dup (2509170-MSD2)	**Source: 25I0480-02**			Prepared: 09/17/2025 Analyzed: 09/26/2025						
Chloride	13	1.0	mg/L	12.50	ND	106	80-120	0.3	10	
Fluoride	2.2	0.50	mg/L	2.000	ND	108	80-120	1	10	
Nitrogen, Nitrate (As N)	5.5	0.50	mg/L	5.000	ND	109	80-120	0.5	10	
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	105	80-120	0.5	10	
Sulfate	14	5.0	mg/L	12.50	ND	111	80-120	0.8	10	

TURNER LABORATORIES INC
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE _____ PAGE _____ OF _____

PROJECT NAME _____ # _____

CONTACT NAME _____

COMPANY NAME _____

ADDRESS _____

ZIP _____ PHONE _____ EMAIL _____

SAMPLER'S SIGNATURE _____

NUMBER OF CONTAINERS

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	Base Neutrals 625/8270 ☐	Acids ☐	Volatile Organics 624 ☐	524.2 ☐	8260 ☐	TTHMS ☐	HAA5 ☐	Chloride ☐	Sulfate ☐	Resistivity ☐	NO_2 ☐	NO_3 ☐	TKN ☐	TPH ☐	1664 ☐	Oil & Grease ☐	TCLP Analysis	VOA ☐	Semi-VOA ☐	Pest ☐	TCLP ☐	Metals	Dissolved ☐	Total ☐	RCRA8 ☐	Total ☐	Cyanide ☐	Amen. ☐	WAD ☐	SDWA/INORGANICS PRIMARY ☐	SECONDARY ☐	MPN ☐	Coliform	Fecal ☐	PH ☐	Cl ☐	Turb ☐	TSS ☐	COD ☐	BOD ☐				

1. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
____ Standard (approx. 10 days)*
____ Next Day ____ 2 Day ____ 5 Day*
____ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
____ I. Routine Report
____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
____ III. Data Validation Report (includes All Raw Data) Add 10% to Invoice

INVOICE INFORMATION:
Account ____ Y ____ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers: 26
Temperature: 4.1 °C
☑ Wet Ice
☐ Ambient
☐ Blue Ice
IR # 1

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Printed Name
TURNER LABORATORIES, INC.
Firm
Date/Time

* LEGEND
SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☐
COC / Labels Agree ☐

Preservation Confirmation ☐
Appropriate Head Space ☐
Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 16, 2025
Sample Received: September 18, 2025
Analysis Completed: October 13, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25I0457-01	12.7 ± 0.9	10.4 ± 1.1	2.3 ± 1.4	9.4 ± 1.5	1.3 ± 0.2	2.8 ± 0.5	4.1 ± 0.5

Analysis Date/Time	9/26/2025	9/24/2025	9/26/2025	10/4/2025	9/29/2025	9/29/2025	9/29/2025
	04:23	16:56	04:23	6:27	6:56	6:56	6:56

October 13, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 16, 2025
Sample Received: September 18, 2025
Uranium Analysis Date: September 24, 2025
Uranium Analysis Time: 16:56

Sample No.	^{238}U	^{235}U	^{234}U	Total	
2510457-01	3.7 ± 0.5	0.172 ± 0.003	6.6 ± 0.6	10.4 ± 1.1	Activity (pCi/L)
	11.0 ± 1.4	0.080 ± 0.002	0.00106 ± 0.00010	11.1 ± 1.4	Content (µg/L)
	Comments:				

October 13, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 16, 2025 (Sample Date) 9:42 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/26/2025	2.3 ± 1.4		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/26/2025	12.7 ± 0.9		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/24/2025	11.1 ± 1.4	µg/L	
			Uranium 234	4007	9/24/2025	0.00106 ± 0.00010		
			Uranium 235	4008	9/24/2025	0.080 ± 0.002		
			Uranium 238	4009	9/24/2025	11.0 ± 1.4		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/29/2025	4.1 ± 0.5		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/29/2025	1.3 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/29/2025	2.8 ± 0.5		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78134

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510457-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 16, 2025 (Sample Date) 9:42 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/4/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78134

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510457-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 16, 2025
Sample Received: September 18, 2025
Analysis Completed: October 13, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
2510457-02	15.9 ± 3.5	14.7 ± 1.3	1.2 ± 3.7	13.3 ± 1.6	0.6 ± 0.2	2.1 ± 0.4	2.7 ± 0.4

Analysis Date/Time	10/3/2025	9/25/2025	10/3/2025	10/5/2025	9/29/2025	9/29/2025	9/29/2025
	19:42	11:27	19:42	19:10	11:01	11:01	11:01

October 13, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 16, 2025
Sample Received: September 18, 2025
Uranium Analysis Date: September 25, 2025
Uranium Analysis Time: 11:27

Sample No.	^{238}U	^{235}U	^{234}U	Total	
2510457-02	5.2 ± 0.5	0.243 ± 0.004	9.2 ± 0.8	14.7 ± 1.3	Activity (pCi/L)
	15.5 ± 1.6	0.113 ± 0.002	0.00149 ± 0.00012	15.6 ± 1.6	Content (µg/L)
	Comments:				

October 13, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 16, 2025 (Sample Date) 11:10 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/3/2025	1.2 ± 3.7		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/3/2025	15.9 ± 3.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/25/2025	15.6 ± 1.6	µg/L	
			Uranium 234	4007	9/25/2025	0.00149 ± 0.00012		
			Uranium 235	4008	9/25/2025	0.113 ± 0.002		
			Uranium 238	4009	9/25/2025	15.5 ± 1.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/29/2025	2.7 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/29/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/29/2025	2.1 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

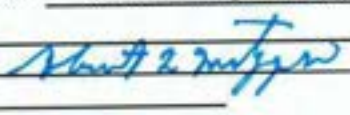
Specimen Number: RSE78135

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510457-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 16, 2025 (Sample Date) 11:10 (Sample Time) (24 hour clock) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/5/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78135

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510457-02

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 16, 2025
Sample Received: September 18, 2025
Analysis Completed: October 13, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
2510457-03	20.4 ± 2.4	19.9 ± 1.5	0.5 ± 2.8	12.7 ± 2.0	0.6 ± 0.2	< 0.8	0.6 ± 0.2

Analysis Date/Time	10/3/2025	9/25/2025	10/3/2025	10/4/2025	9/29/2025	9/29/2025	9/29/2025
	21:22	11:44	21:22	13:07	15:02	15:02	15:02

October 13, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 16, 2025
Sample Received: September 18, 2025
Uranium Analysis Date: September 25, 2025
Uranium Analysis Time: 11:44

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25I0457-03	8.6 ± 0.7	0.401 ± 0.005	10.9 ± 0.8	19.9 ± 1.5	Activity (pCi/L)
	25.6 ± 2.1	0.187 ± 0.002	0.00175 ± 0.00013	25.8 ± 2.1	Content (µg/L)
	Comments:				

October 13, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 16, 2025 (Sample Date) 12:15 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/3/2025	0.5 ± 2.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/3/2025	20.4 ± 2.4		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/25/2025	25.8 ± 2.1	µg/L	
			Uranium 234	4007	9/25/2025	0.00175 ± 0.00013		
			Uranium 235	4008	9/25/2025	0.187 ± 0.002		
			Uranium 238	4009	9/25/2025	25.6 ± 2.1		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/29/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/29/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/29/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78136

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25I0457-03

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 16, 2025 (Sample Date) 12:15 (Sample Time) (24 hour clock) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/4/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78136

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510457-03

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 16, 2025
Sample Received: September 18, 2025
Analysis Completed: October 13, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
2510457-04	20.6 ± 1.1	20.6 ± 1.5	< 1.0	9.3 ± 1.4	< 0.5	< 0.8	< 0.8

Analysis Date/Time	9/26/2025	9/25/2025	9/26/2025	10/5/2025	9/29/2025	9/29/2025	9/29/2025
	06:04	11:59	06:04	22:31	19:04	19:04	19:04

October 13, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 16, 2025
Sample Received: September 18, 2025
Uranium Analysis Date: September 25, 2025
Uranium Analysis Time: 11:59

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25I0457-04	7.0 ± 0.6	0.325 ± 0.004	13.3 ± 0.9	20.6 ± 1.5	Activity (pCi/L)
	20.7 ± 1.9	0.152 ± 0.002	0.00214 ± 0.00015	20.9 ± 1.9	Content (µg/L)
	Comments:				

October 13, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 16, 2025 (Sample Date) 13:45 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/26/2025	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/26/2025	20.6 ± 1.1		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/25/2025	20.9 ± 1.9	µg/L	
			Uranium 234	4007	9/25/2025	0.00214 ± 0.00015		
			Uranium 235	4008	9/25/2025	0.152 ± 0.002		
			Uranium 238	4009	9/25/2025	20.7 ± 1.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	9/29/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	9/29/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	9/29/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78137

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510457-04

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 16, 2025 (Sample Date) 13:45 (24 hour clock) (Sample Time)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/5/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78137

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510457-04

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25I0457

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25I0457-01 Non-Potable Wa Sampled:09/16/2025 09:42			
Radiochemistry, Uranium	03/15/2026 09:42		
Radiochemistry, Radium 226/228	10/16/2025 09:42		
Radiochemistry, Gross Alpha Beta	03/15/2026 09:42	78134	
Containers Supplied:			
Sample ID: 25I0457-02 Non-Potable Wa Sampled:09/16/2025 11:10			
Radiochemistry, Uranium	03/15/2026 11:10		
Radiochemistry, Radium 226/228	10/16/2025 11:10		
Radiochemistry, Gross Alpha Beta	03/15/2026 11:10	78135	
Containers Supplied:			
Sample ID: 25I0457-03 Non-Potable Wa Sampled:09/16/2025 12:15			
Radiochemistry, Uranium	03/15/2026 12:15		
Radiochemistry, Radium 226/228	10/16/2025 12:15		
Radiochemistry, Gross Alpha Beta	03/15/2026 12:15	78136	
Containers Supplied:			
Sample ID: 25I0457-04 Non-Potable Wa Sampled:09/16/2025 13:45			
Radiochemistry, Uranium	03/15/2026 13:45		
Radiochemistry, Radium 226/228	10/16/2025 13:45		
Radiochemistry, Gross Alpha Beta	03/15/2026 13:45	78137	
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	9/17/25 1600	UPS	9/17/25 1600
Released By	Date	Received By	Date
		PLD/RSE	9-18-25 11:30

October 16, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25I0480
Order Name: 200994530000

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 3 sample(s) on 09/17/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Date Received: 09/17/2025

Order: 200994530000

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25I0480-01	POC - 04	Ground Water	09/17/2025 0935
25I0480-02	Field Blank	Ground Water	09/17/2025 1120
25I0480-03	Trip blank	Trip Blank	09/17/2025 0000

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Date Received: 09/17/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
R4	MS/MSD RPD exceeded the method acceptance limit. Recovery met the acceptance criteria.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 10/16/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Lab Sample ID: 25I0480-01

Client Sample ID: POC - 04
Collection Date/Time: 09/17/2025 0935
Matrix: Ground Water
Order Name: 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	09/17/2025 1000	09/17/2025 2111	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.38		0.30		mg/L	1	09/28/2025 1350	10/02/2025 1745	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0068		0.00056		mg/L	1	10/01/2025 0832	10/01/2025 1537	SJS
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	55		4.0		mg/L	1	09/29/2025 1110	09/29/2025 1341	RAR
Magnesium	18		3.0		mg/L	1	09/29/2025 1110	09/29/2025 1341	RAR
Potassium	5.4		5.0		mg/L	1	09/29/2025 1110	09/29/2025 1341	RAR
Sodium	51		5.0		mg/L	1	09/29/2025 1110	09/29/2025 1341	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Antimony	0.00024	0.000039	0.00050	E4	mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Arsenic	0.0080		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Barium	0.070		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Beryllium	0.000024	0.000013	0.00025	E4	mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Chromium	0.0016		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Cobalt	0.00026		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Copper	0.0022		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Manganese	1.4		0.00050		mg/L	2	09/26/2025 1131	10/05/2025 1705	RAR
Molybdenum	0.099		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Nickel	0.0014		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Selenium	0.0012	0.00025	0.0025	E4	mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
Uranium	0.0083		0.00050		mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Lab Sample ID: 25I0480-01

Client Sample ID: POC - 04
Collection Date/Time: 09/17/2025 0935
Matrix: Ground Water
Order Name: 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.0077	0.0023	0.040	E4	mg/L	1	09/26/2025 1131	09/26/2025 1654	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND		0.0010		mg/L	1	09/27/2025 1352	09/30/2025 1638	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	21		1.0		mg/L	1	09/17/2025 1000	09/17/2025 2111	ES
Fluoride	2.0		0.50		mg/L	1	09/17/2025 1000	09/17/2025 2111	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	09/17/2025 1000	09/17/2025 2111	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	09/17/2025 1000	09/17/2025 2111	ES
Sulfate	36		5.0		mg/L	1	09/17/2025 1000	09/17/2025 2111	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.79		0.50		mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	10/02/2025 0849	10/02/2025 1427	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	280		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Total (As CaCO3)	280		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	400		20		mg/L	1	09/22/2025 0827	09/24/2025 1100	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	10/01/2025 0911	10/01/2025 1447	ES
pH-SM4500-H+ B									

Turner Laboratories, Inc.

Date: 10/16/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Lab Sample ID: 25I0480-01

Client Sample ID: POC - 04
Collection Date/Time: 09/17/2025 0935
Matrix: Ground Water
Order Name: 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.7			H5	-	1	10/06/2025 1700	10/06/2025 1748	IM
Temperature (°C)	22			H5	-	1	10/06/2025 1700	10/06/2025 1748	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	10/01/2025 0800	10/01/2025 2252	PB
Carbon disulfide	0.28	0.11	2.0	E4	ug/L	1	10/01/2025 0800	10/01/2025 2252	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	10/01/2025 0800	10/01/2025 2252	PB
Toluene	0.74		0.50		ug/L	1	10/01/2025 0800	10/01/2025 2252	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	10/01/2025 0800	10/01/2025 2252	PB
Surr: 4-Bromofluorobenzene	*108*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2252*	*PB*
Surr: Dibromofluoromethane	*103*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2252*	*PB*
Surr: Toluene-d8	*110*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2252*	*PB*

Turner Laboratories, Inc.

Date: 10/16/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Lab Sample ID: 25I0480-02

Client Sample ID: Field Blank
Collection Date/Time: 09/17/2025 1120
Matrix: Ground Water
Order Name: 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	09/17/2025 1400	09/17/2025 2130	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	09/28/2025 1350	10/02/2025 1748	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	ND	0.000016	0.00056	E8	mg/L	1	10/01/2025 0832	10/01/2025 1540	SJS
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	ND	0.13	4.0	E8	mg/L	1	09/29/2025 1110	09/29/2025 1344	RAR
Magnesium	ND	0.10	3.0	E8	mg/L	1	09/29/2025 1110	09/29/2025 1344	RAR
Potassium	ND	0.14	5.0	E8	mg/L	1	09/29/2025 1110	09/29/2025 1344	RAR
Sodium	0.88	0.58	5.0	E4	mg/L	1	09/29/2025 1110	09/29/2025 1344	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Arsenic	ND	0.00010	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Barium	0.000075	0.000029	0.00050	E4	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Chromium	0.00015	0.000023	0.00050	E4	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Cobalt	ND	0.000010	0.00025	E8	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Copper	ND	0.00015	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Lead	0.000082	0.000057	0.00050	E4	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Manganese	0.0018		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Molybdenum	0.00034		0.00025		mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Nickel	ND	0.000015	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Selenium	ND	0.00025	0.0025	E8	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Uranium	0.000033	0.000015	0.00050	E4	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	09/26/2025 1131	09/26/2025 1657	RAR

Turner Laboratories, Inc.

Date: 10/16/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Lab Sample ID: 25I0480-02

Client Sample ID: Field Blank
Collection Date/Time: 09/17/2025 1120
Matrix: Ground Water
Order Name: 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E4	mg/L	1	09/27/2025 1352	09/30/2025 1721	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	ND		1.0		mg/L	1	09/17/2025 1400	09/17/2025 2130	ES
Fluoride	ND		0.50		mg/L	1	09/17/2025 1400	09/17/2025 2130	ES
Nitrogen, Nitrate (As N)	ND		0.50		mg/L	1	09/17/2025 1400	09/17/2025 2130	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	09/17/2025 1400	09/17/2025 2130	ES
Sulfate	ND		5.0		mg/L	1	09/17/2025 1400	09/17/2025 2130	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	09/29/2025 1025	09/29/2025 1458	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	10/02/2025 0849	10/02/2025 1427	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	18		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Alkalinity, Total (As CaCO3)	18		2.0		mg/L	1	09/25/2025 0929	09/25/2025 1642	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	ND		20		mg/L	1	09/22/2025 0827	09/24/2025 1100	SJS
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	09/22/2025 1011	09/23/2025 0858	ES
pH-SM4500-H+ B									
pH (pH Units)	5.7			H5	-	1	10/06/2025 1700	10/06/2025 1751	IM
Temperature (°C)	22			H5	-	1	10/06/2025 1700	10/06/2025 1751	IM

Turner Laboratories, Inc.

Date: 10/16/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Lab Sample ID: 25I0480-02

Client Sample ID: Field Blank
Collection Date/Time: 09/17/2025 1120
Matrix: Ground Water
Order Name: 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	10/01/2025 0800	10/01/2025 2328	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	10/01/2025 0800	10/01/2025 2328	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	10/01/2025 0800	10/01/2025 2328	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	10/01/2025 0800	10/01/2025 2328	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	10/01/2025 0800	10/01/2025 2328	PB
Surr: 4-Bromofluorobenzene	*114*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2328*	*PB*
Surr: Dibromofluoromethane	*105*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2328*	*PB*
Surr: Toluene-d8	*111*	*70-130*			*%REC*	*1*	*10/01/2025 0800*	*10/01/2025 2328*	*PB*

Turner Laboratories, Inc.

Date: 10/16/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Lab Sample ID: 25I0480-03

Client Sample ID: Trip blank
Collection Date/Time: 09/17/2025 0000
Matrix: Trip Blank
Order Name: 200994530000

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	09/26/2025 0800	09/26/2025 1713	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	09/26/2025 0800	09/26/2025 1713	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	09/26/2025 0800	09/26/2025 1713	PB
Toluene	0.059	0.057	0.50	E4	ug/L	1	09/26/2025 0800	09/26/2025 1713	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	09/26/2025 0800	09/26/2025 1713	PB
Surr: 4-Bromofluorobenzene	*97*	*70-130*			*%REC*	*1*	*09/26/2025 0800*	*09/26/2025 1713*	*PB*
Surr: Dibromofluoromethane	*93*	*70-130*			*%REC*	*1*	*09/26/2025 0800*	*09/26/2025 1713*	*PB*
Surr: Toluene-d8	*100*	*70-130*			*%REC*	*1*	*09/26/2025 0800*	*09/26/2025 1713*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Date Received: 09/17/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509280 - EPA 245.1										
Blank (2509280-BLK1)				Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.00015	0.0010	mg/L							
LCS (2509280-BS1)				Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.0056	0.0010	mg/L	0.005000		111	85-115			
LCS Dup (2509280-BSD1)				Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.0056	0.0010	mg/L	0.005000		113	85-115	1	20	
Matrix Spike (2509280-MS1)		**Source: 25I0457-01**		Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.0043	0.0010	mg/L	0.005000	ND	86	70-130			R4
Matrix Spike (2509280-MS2)		**Source: 25I0480-01**		Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.0054	0.0010	mg/L	0.005000	ND	108	70-130			
Matrix Spike Dup (2509280-MSD1)		**Source: 25I0457-01**		Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.0055	0.0010	mg/L	0.005000	ND	109	70-130	24	20	R4
Matrix Spike Dup (2509280-MSD2)		**Source: 25I0480-01**		Prepared: 09/29/2025 Analyzed: 09/30/2025						
Mercury	0.0053	0.0010	mg/L	0.005000	ND	107	70-130	1	20	
Batch 2509282 - E200.7 (4.4)										
Blank (2509282-BLK1)				Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	ND	0.33	mg/L							
LCS (2509282-BS1)				Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	1.0	0.33	mg/L	1.111		92	85-115			
LCS Dup (2509282-BSD1)				Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	1.0	0.33	mg/L	1.111		92	85-115	0.2	20	
Matrix Spike (2509282-MS1)		**Source: 25I0458-01**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	2.4	0.33	mg/L	1.111	1.2	111	70-130			
Matrix Spike (2509282-MS2)		**Source: 25I0471-01**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
Iron	0.93	0.33	mg/L	1.111	ND	84	70-130			
Batch 2509289 - EPA 200.7 (4.4)										
Blank (2509289-BLK1)				Prepared & Analyzed: 09/29/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.80	5.0	mg/L							
LCS (2509289-BS1)				Prepared & Analyzed: 09/29/2025						
Calcium	10	4.0	mg/L	10.00		102	85-115			
Magnesium	10	3.0	mg/L	10.00		100	85-115			
Potassium	10	5.0	mg/L	10.00		101	85-115			
Sodium	10	5.0	mg/L	10.00		104	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Date Received: 09/17/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509289 - EPA 200.7 (4.4)										
LCS Dup (2509289-BSD1)				Prepared & Analyzed: 09/29/2025						
Calcium	10	4.0	mg/L	10.00		101	85-115	0.5	20	
Magnesium	9.9	3.0	mg/L	10.00		99	85-115	0.5	20	
Potassium	10	5.0	mg/L	10.00		100	85-115	0.7	20	
Sodium	10	5.0	mg/L	10.00		103	85-115	0.9	20	
Matrix Spike (2509289-MS1)	**Source: 25I0647-01**			Prepared & Analyzed: 09/29/2025						
Calcium	680	4.0	mg/L	10.00	680	24	70-130			M2
Magnesium	180	3.0	mg/L	10.00	170	139	70-130			M1
Potassium	56	5.0	mg/L	10.00	45	108	70-130			
Sodium	260	50	mg/L	10.00	250	75	70-130			
Matrix Spike (2509289-MS2)	**Source: 25I0414-04**			Prepared & Analyzed: 09/29/2025						
Calcium	95	4.0	mg/L	10.00	85	102	70-130			
Magnesium	23	3.0	mg/L	10.00	13	108	70-130			
Potassium	13	5.0	mg/L	10.00	2.8	104	70-130			
Sodium	25	5.0	mg/L	10.00	16	97	70-130			
Batch 2509292 - EPA 200.8 (5.4)										
Blank (2509292-BLK1)				Prepared & Analyzed: 09/26/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	0.000032	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	0.00020	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509292 - EPA 200.8 (5.4)										
LCS (2509292-BS1)				Prepared & Analyzed: 09/26/2025						
Aluminum	0.11	0.040	mg/L	0.1000		107	85-115			
Antimony	0.055	0.00050	mg/L	0.05000		109	85-115			
Arsenic	0.055	0.00050	mg/L	0.05000		109	85-115			
Barium	0.055	0.00050	mg/L	0.05000		110	85-115			
Beryllium	0.053	0.00025	mg/L	0.05000		105	85-115			
Cadmium	0.054	0.00025	mg/L	0.05000		109	85-115			
Chromium	0.054	0.00050	mg/L	0.05000		109	85-115			
Cobalt	0.054	0.00025	mg/L	0.05000		109	85-115			
Copper	0.055	0.00050	mg/L	0.05000		109	85-115			
Lead	0.054	0.00050	mg/L	0.05000		109	85-115			
Manganese	0.054	0.00025	mg/L	0.05000		108	85-115			
Molybdenum	0.055	0.00025	mg/L	0.05000		111	85-115			
Nickel	0.054	0.00050	mg/L	0.05000		108	85-115			
Selenium	0.054	0.0025	mg/L	0.05000		108	85-115			
Thallium	0.054	0.00050	mg/L	0.05000		108	85-115			
Uranium	0.054	0.00050	mg/L	0.05000		109	85-115			
Zinc	0.11	0.040	mg/L	0.1000		108	85-115			
LCS Dup (2509292-BSD1)				Prepared & Analyzed: 09/26/2025						
Aluminum	0.11	0.040	mg/L	0.1000		106	85-115	1	20	
Antimony	0.054	0.00050	mg/L	0.05000		108	85-115	0.7	20	
Arsenic	0.054	0.00050	mg/L	0.05000		109	85-115	0.5	20	
Barium	0.054	0.00050	mg/L	0.05000		109	85-115	0.6	20	
Beryllium	0.053	0.00025	mg/L	0.05000		106	85-115	0.6	20	
Cadmium	0.054	0.00025	mg/L	0.05000		108	85-115	0.5	20	
Chromium	0.054	0.00050	mg/L	0.05000		108	85-115	0.7	20	
Cobalt	0.054	0.00025	mg/L	0.05000		108	85-115	0.8	20	
Copper	0.054	0.00050	mg/L	0.05000		109	85-115	0.4	20	
Lead	0.054	0.00050	mg/L	0.05000		108	85-115	1	20	
Manganese	0.054	0.00025	mg/L	0.05000		108	85-115	0.002	20	
Molybdenum	0.054	0.00025	mg/L	0.05000		108	85-115	3	20	
Nickel	0.054	0.00050	mg/L	0.05000		107	85-115	0.7	20	
Selenium	0.054	0.0025	mg/L	0.05000		109	85-115	0.8	20	
Thallium	0.054	0.00050	mg/L	0.05000		107	85-115	1	20	
Uranium	0.054	0.00050	mg/L	0.05000		109	85-115	0.07	20	
Zinc	0.11	0.040	mg/L	0.1000		108	85-115	0.2	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509292 - EPA 200.8 (5.4)										
Matrix Spike (2509292-MS1)		**Source: 25I0447-01**		Prepared & Analyzed: 09/26/2025						
Aluminum	0.28	0.040	mg/L	0.1000	0.17	101	70-130			
Antimony	0.053	0.00050	mg/L	0.05000	0.00027	105	70-130			
Arsenic	0.054	0.00050	mg/L	0.05000	0.0018	105	70-130			
Barium	0.073	0.00050	mg/L	0.05000	0.022	101	70-130			
Beryllium	0.051	0.00025	mg/L	0.05000	0.000057	102	70-130			
Cadmium	0.051	0.00025	mg/L	0.05000	ND	101	70-130			
Chromium	0.050	0.00050	mg/L	0.05000	0.0012	98	70-130			
Cobalt	0.049	0.00025	mg/L	0.05000	0.00025	97	70-130			
Copper	0.072	0.00050	mg/L	0.05000	0.025	93	70-130			
Lead	0.055	0.00050	mg/L	0.05000	0.0049	99	70-130			
Manganese	0.054	0.00025	mg/L	0.05000	0.0058	97	70-130			
Molybdenum	0.061	0.00025	mg/L	0.05000	0.012	97	70-130			
Nickel	0.050	0.00050	mg/L	0.05000	0.0032	94	70-130			
Selenium	0.056	0.0025	mg/L	0.05000	0.0011	111	70-130			
Thallium	0.045	0.00050	mg/L	0.05000	ND	90	70-130			
Uranium	0.052	0.00050	mg/L	0.05000	0.00015	104	70-130			
Zinc	0.14	0.040	mg/L	0.1000	0.032	107	70-130			
Batch 2510001 - E200.8 (5.4)										
Blank (2510001-BLK1)				Prepared & Analyzed: 10/01/2025						
Uranium	ND	0.00050	mg/L							
LCS (2510001-BS1)				Prepared & Analyzed: 10/01/2025						
Uranium	0.052	0.00050	mg/L	0.05000		105	85-115			
LCS Dup (2510001-BSD1)				Prepared & Analyzed: 10/01/2025						
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115	0.1	20	
Matrix Spike (2510001-MS1)		**Source: 25I0611-01**		Prepared & Analyzed: 10/01/2025						
Uranium	0.056	0.00050	mg/L	0.05000	0.00099	111	70-130			
Matrix Spike (2510001-MS2)		**Source: 25I0612-01**		Prepared & Analyzed: 10/01/2025						
Uranium	0.055	0.00050	mg/L	0.05000	0.00082	108	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509203 - SM2540 C										
Duplicate (2509203-DUP1)		**Source: 25I0455-03**		Prepared: 09/22/2025 Analyzed: 09/24/2025						
Total Dissolved Solids (Residue, Filterable)	260	20	mg/L		270			5	5	
Duplicate (2509203-DUP2)		**Source: 25I0456-01**		Prepared: 09/22/2025 Analyzed: 09/24/2025						
Total Dissolved Solids (Residue, Filterable)	8700	20	mg/L		8800			0.6	5	
Batch 2509206 - SM4500-CN BE										
Blank (2509206-BLK1)				Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	ND	0.10	mg/L							
LCS (2509206-BS1)				Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	2.0	0.10	mg/L	2.000		99	85-115			
LCS Dup (2509206-BSD1)				Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	2.0	0.10	mg/L	2.000		100	85-115	2	15	
Matrix Spike (2509206-MS1)		**Source: 25I0248-01**		Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	2.0	0.10	mg/L	2.000	ND	102	80-120			
Matrix Spike Dup (2509206-MSD1)		**Source: 25I0248-01**		Prepared: 09/22/2025 Analyzed: 09/23/2025						
Cyanide	2.1	0.10	mg/L	2.000	ND	105	80-120	3	15	
Batch 2509256 - SM2320B										
Blank (2509256-BLK1)				Prepared & Analyzed: 09/25/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2509256-BS1)				Prepared & Analyzed: 09/25/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		98	90-110			
LCS Dup (2509256-BSD1)				Prepared & Analyzed: 09/25/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110	0.8	10	
Matrix Spike (2509256-MS1)		**Source: 25I0480-02**		Prepared & Analyzed: 09/25/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	18	96	70-130			
Matrix Spike Dup (2509256-MSD1)		**Source: 25I0480-02**		Prepared & Analyzed: 09/25/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	18	95	70-130	0.8	10	
Batch 2509288 - EPA 351.2										
Blank (2509288-BLK1)				Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2509288-BS1)				Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000		97	80-120			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509288 - EPA 351.2										
LCS Dup (2509288-BSD1)				Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		100	80-120	3	20	
Matrix Spike (2509288-MS1)		**Source: 25I0414-01**		Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	ND	100	80-120			
Matrix Spike (2509288-MS2)		**Source: 25I0512-01**		Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	4.7	0.50	mg/L	5.000	ND	95	80-120			
Matrix Spike Dup (2509288-MSD1)		**Source: 25I0414-01**		Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	4.8	0.50	mg/L	5.000	ND	95	80-120	5	20	
Matrix Spike Dup (2509288-MSD2)		**Source: 25I0512-01**		Prepared & Analyzed: 09/29/2025						
Nitrogen, Total Kjeldahl	4.7	0.50	mg/L	5.000	ND	93	80-120	1	20	
Batch 2510003 - SM4500-CN BE										
Blank (2510003-BLK1)				Prepared & Analyzed: 10/01/2025						
Cyanide	ND	0.10	mg/L							
LCS (2510003-BS1)				Prepared & Analyzed: 10/01/2025						
Cyanide	2.0	0.10	mg/L	2.000		99	85-115			
LCS Dup (2510003-BSD1)				Prepared & Analyzed: 10/01/2025						
Cyanide	2.0	0.10	mg/L	2.000		101	85-115	2	15	
Matrix Spike (2510003-MS1)		**Source: 25I0683-01**		Prepared & Analyzed: 10/01/2025						
Cyanide	2.1	0.10	mg/L	2.000	ND	107	80-120			
Matrix Spike Dup (2510003-MSD1)		**Source: 25I0683-01**		Prepared & Analyzed: 10/01/2025						
Cyanide	2.2	0.10	mg/L	2.000	ND	110	80-120	3	15	
Batch 2510022 - SM 4500-NH3 B, F										
Blank (2510022-BLK1)				Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2510022-BS1)				Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		106	90-110			
LCS Dup (2510022-BSD1)				Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		107	90-110	1	10	
Matrix Spike (2510022-MS1)		**Source: 25I0375-10RE1**		Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	3.1	0.50	mg/L	2.500	0.53	102	80-120			
Matrix Spike Dup (2510022-MSD1)		**Source: 25I0375-10RE1**		Prepared & Analyzed: 10/02/2025						
Nitrogen, Ammonia (As N)	3.2	0.50	mg/L	2.500	0.53	105	80-120	3	20	
Batch 2510037 - SM4500-H+ B										
Duplicate (2510037-DUP1)		**Source: 25I0457-01**		Prepared & Analyzed: 10/06/2025						
pH (pH Units)	7.4		-		7.4			0.4	200	H5
Temperature (°C)	22		-		21			2	200	H5

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510037 - SM4500-H+ B										
Duplicate (2510037-DUP2)	**Source: 25I0663-01**			Prepared & Analyzed: 10/06/2025						
pH (pH Units)	7.5		-		7.5			0.1	200	H5
Temperature (°C)	24		-		23			1	200	H5

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509276 - SW8260B										
Blank (2509276-BLK1)				Prepared & Analyzed: 09/26/2025						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*48.5*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Dibromofluoromethane	*47.8*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*50.4*		*ug/L*	*50.00*		*101*	*70-130*			
LCS (2509276-BS1)				Prepared & Analyzed: 09/26/2025						
1,1-Dichloroethene	46	0.50	ug/L	50.00		92	70-130			
Benzene	50	0.50	ug/L	50.00		100	70-130			
Chlorobenzene	50	0.50	ug/L	50.00		99	70-130			
Toluene	51	0.50	ug/L	50.00		102	70-130			
Trichloroethene	47	0.50	ug/L	50.00		95	70-130			
Surrogate: 4-Bromofluorobenzene	*47.9*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Dibromofluoromethane	*47.8*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*50.0*		*ug/L*	*50.00*		*100*	*70-130*			
LCS Dup (2509276-BSD1)				Prepared & Analyzed: 09/26/2025						
1,1-Dichloroethene	47	0.50	ug/L	50.00		95	70-130	3	30	
Benzene	52	0.50	ug/L	50.00		104	70-130	4	30	
Chlorobenzene	51	0.50	ug/L	50.00		101	70-130	2	30	
Toluene	54	0.50	ug/L	50.00		109	70-130	6	30	
Trichloroethene	49	0.50	ug/L	50.00		97	70-130	2	30	
Surrogate: 4-Bromofluorobenzene	*52.3*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*48.0*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*51.1*		*ug/L*	*50.00*		*102*	*70-130*			
Matrix Spike (2509276-MS1)	**Source: 25I0647-01**			Prepared: 09/26/2025 Analyzed: 09/27/2025						
1,1-Dichloroethene	51	0.50	ug/L	50.00	ND	101	70-130			
Benzene	57	0.50	ug/L	50.00	ND	114	70-130			
Chlorobenzene	50	0.50	ug/L	50.00	ND	100	70-130			
Toluene	56	0.50	ug/L	50.00	ND	112	70-130			
Trichloroethene	47	0.50	ug/L	50.00	ND	94	70-130			
Surrogate: 4-Bromofluorobenzene	*54.2*		*ug/L*	*50.00*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*51.9*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Toluene-d8	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
Matrix Spike (2509276-MS2)	**Source: 25I0663-01**			Prepared: 09/26/2025 Analyzed: 09/27/2025						
1,1-Dichloroethene	48	0.50	ug/L	50.00	ND	95	70-130			
Benzene	53	0.50	ug/L	50.00	ND	106	70-130			
Chlorobenzene	49	0.50	ug/L	50.00	ND	98	70-130			
Toluene	55	0.50	ug/L	50.00	ND	109	70-130			
Trichloroethene	45	0.50	ug/L	50.00	ND	91	70-130			
Surrogate: 4-Bromofluorobenzene	*54.4*		*ug/L*	*50.00*		*109*	*70-130*			
Surrogate: Dibromofluoromethane	*50.3*		*ug/L*	*50.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509276 - SW8260B										
Matrix Spike Dup (2509276-MSD1)	**Source: 25I0647-01**			Prepared: 09/26/2025 Analyzed: 09/27/2025						
1,1-Dichloroethene	47	0.50	ug/L	50.00	ND	94	70-130	7	30	
Benzene	55	0.50	ug/L	50.00	ND	110	70-130	3	30	
Chlorobenzene	50	0.50	ug/L	50.00	ND	99	70-130	0.9	30	
Toluene	56	0.50	ug/L	50.00	ND	111	70-130	0.9	30	
Trichloroethene	46	0.50	ug/L	50.00	ND	91	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*54.7*		*ug/L*	*50.00*		*109*	*70-130*			
Surrogate: Dibromofluoromethane	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Toluene-d8	*54.9*		*ug/L*	*50.00*		*110*	*70-130*			
Matrix Spike Dup (2509276-MSD2)	**Source: 25I0663-01**			Prepared: 09/26/2025 Analyzed: 09/27/2025						
1,1-Dichloroethene	49	0.50	ug/L	50.00	ND	98	70-130	2	30	
Benzene	56	0.50	ug/L	50.00	ND	113	70-130	6	30	
Chlorobenzene	51	0.50	ug/L	50.00	ND	103	70-130	5	30	
Toluene	57	0.50	ug/L	50.00	ND	115	70-130	5	30	
Trichloroethene	47	0.50	ug/L	50.00	ND	94	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*55.5*		*ug/L*	*50.00*		*111*	*70-130*			
Surrogate: Dibromofluoromethane	*51.6*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*54.5*		*ug/L*	*50.00*		*109*	*70-130*			
Batch 2510025 - SW8260B										
Blank (2510025-BLK1)				Prepared & Analyzed: 10/01/2025						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*59.4*		*ug/L*	*50.00*		*119*	*70-130*			
Surrogate: Dibromofluoromethane	*52.7*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Toluene-d8	*55.0*		*ug/L*	*50.00*		*110*	*70-130*			
LCS (2510025-BS1)				Prepared & Analyzed: 10/01/2025						
1,1-Dichloroethene	46	0.50	ug/L	50.00		93	70-130			
Benzene	50	0.50	ug/L	50.00		101	70-130			
Chlorobenzene	45	0.50	ug/L	50.00		89	70-130			
Toluene	49	0.50	ug/L	50.00		99	70-130			
Trichloroethene	43	0.50	ug/L	50.00		85	70-130			
Surrogate: 4-Bromofluorobenzene	*55.8*		*ug/L*	*50.00*		*112*	*70-130*			
Surrogate: Dibromofluoromethane	*51.4*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*50.4*		*ug/L*	*50.00*		*101*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Date Received: 09/17/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510025 - SW8260B										
LCS Dup (2510025-BSD1)				Prepared & Analyzed: 10/01/2025						
1,1-Dichloroethene	52	0.50	ug/L	50.00		103	70-130	11	30	
Benzene	56	0.50	ug/L	50.00		111	70-130	10	30	
Chlorobenzene	50	0.50	ug/L	50.00		101	70-130	12	30	
Toluene	54	0.50	ug/L	50.00		109	70-130	9	30	
Trichloroethene	48	0.50	ug/L	50.00		95	70-130	11	30	
Surrogate: 4-Bromofluorobenzene	*58.0*		*ug/L*	*50.00*		*116*	*70-130*			
Surrogate: Dibromofluoromethane	*51.5*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*51.7*		*ug/L*	*50.00*		*103*	*70-130*			
Matrix Spike (2510025-MS1)		**Source: 25I0681-01**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
1,1-Dichloroethene	41	0.50	ug/L	50.00	ND	83	70-130			
Benzene	52	0.50	ug/L	50.00	0.091	104	70-130			
Chlorobenzene	45	0.50	ug/L	50.00	0.13	90	70-130			
Toluene	51	0.50	ug/L	50.00	0.079	102	70-130			
Trichloroethene	44	0.50	ug/L	50.00	0.10	87	70-130			
Surrogate: 4-Bromofluorobenzene	*57.6*		*ug/L*	*50.00*		*115*	*70-130*			
Surrogate: Dibromofluoromethane	*49.6*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*52.2*		*ug/L*	*50.00*		*104*	*70-130*			
Matrix Spike (2510025-MS2)		**Source: 25I0681-02**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
1,1-Dichloroethene	46	0.50	ug/L	50.00	ND	92	70-130			
Benzene	57	0.50	ug/L	50.00	ND	115	70-130			
Chlorobenzene	50	0.50	ug/L	50.00	ND	100	70-130			
Toluene	57	0.50	ug/L	50.00	ND	114	70-130			
Trichloroethene	48	0.50	ug/L	50.00	ND	96	70-130			
Surrogate: 4-Bromofluorobenzene	*57.9*		*ug/L*	*50.00*		*116*	*70-130*			
Surrogate: Dibromofluoromethane	*49.3*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Matrix Spike Dup (2510025-MSD1)		**Source: 25I0681-01**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
1,1-Dichloroethene	43	0.50	ug/L	50.00	ND	87	70-130	5	30	
Benzene	55	0.50	ug/L	50.00	0.091	110	70-130	5	30	
Chlorobenzene	48	0.50	ug/L	50.00	0.13	97	70-130	8	30	
Toluene	55	0.50	ug/L	50.00	0.079	110	70-130	7	30	
Trichloroethene	47	0.50	ug/L	50.00	0.10	93	70-130	7	30	
Surrogate: 4-Bromofluorobenzene	*56.7*		*ug/L*	*50.00*		*113*	*70-130*			
Surrogate: Dibromofluoromethane	*49.5*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*52.2*		*ug/L*	*50.00*		*104*	*70-130*			
Matrix Spike Dup (2510025-MSD2)		**Source: 25I0681-02**		Prepared: 10/01/2025 Analyzed: 10/02/2025						
1,1-Dichloroethene	43	0.50	ug/L	50.00	ND	87	70-130	6	30	
Benzene	56	0.50	ug/L	50.00	ND	112	70-130	2	30	
Chlorobenzene	49	0.50	ug/L	50.00	ND	97	70-130	3	30	
Toluene	55	0.50	ug/L	50.00	ND	111	70-130	3	30	
Trichloroethene	47	0.50	ug/L	50.00	ND	94	70-130	2	30	
Surrogate: 4-Bromofluorobenzene	*59.3*		*ug/L*	*50.00*		*119*	*70-130*			
Surrogate: Dibromofluoromethane	*49.7*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*51.9*		*ug/L*	*50.00*		*104*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25I0480
Date Received: 09/17/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2509170 - EPA 300.0 (2.1)										
Blank (2509170-BLK1)				Prepared & Analyzed: 09/17/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2509170-BS1)				Prepared & Analyzed: 09/17/2025						
Chloride	12	1.0	mg/L	12.50		94	90-110			
Fluoride	1.9	0.50	mg/L	2.000		93	90-110			
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		96	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		95	90-110			
Sulfate	13	5.0	mg/L	12.50		102	90-110			
LCS Dup (2509170-BSD1)				Prepared & Analyzed: 09/17/2025						
Chloride	12	1.0	mg/L	12.50		94	90-110	0.02	10	
Fluoride	1.9	0.50	mg/L	2.000		94	90-110	1	10	
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		96	90-110	0.2	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		95	90-110	0.06	10	
Sulfate	13	5.0	mg/L	12.50		102	90-110	0.04	10	
Matrix Spike (2509170-MS1)	**Source: 25I0458-01**			Prepared: 09/17/2025 Analyzed: 09/26/2025						
Chloride	26	1.0	mg/L	12.50	11	122	80-120			M1
Fluoride	2.5	0.50	mg/L	2.000	0.46	102	80-120			
Nitrogen, Nitrate (As N)	8.0	0.50	mg/L	5.000	2.4	113	80-120			
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	0.066	103	80-120			
Sulfate	27	5.0	mg/L	12.50	15	100	80-120			
Matrix Spike (2509170-MS2)	**Source: 25I0480-02**			Prepared: 09/17/2025 Analyzed: 09/26/2025						
Chloride	13	1.0	mg/L	12.50	ND	106	80-120			
Fluoride	2.1	0.50	mg/L	2.000	ND	107	80-120			
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	ND	109	80-120			
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	105	80-120			
Sulfate	14	5.0	mg/L	12.50	ND	110	80-120			
Matrix Spike Dup (2509170-MSD1)	**Source: 25I0458-01**			Prepared: 09/17/2025 Analyzed: 09/26/2025						
Chloride	26	1.0	mg/L	12.50	11	122	80-120	0.002	10	M1
Fluoride	2.5	0.50	mg/L	2.000	0.46	101	80-120	0.1	10	
Nitrogen, Nitrate (As N)	8.1	0.50	mg/L	5.000	2.4	114	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.7	0.10	mg/L	2.500	0.066	104	80-120	1	10	
Sulfate	27	5.0	mg/L	12.50	15	100	80-120	0.1	10	
Matrix Spike Dup (2509170-MSD2)	**Source: 25I0480-02**			Prepared: 09/17/2025 Analyzed: 09/26/2025						
Chloride	13	1.0	mg/L	12.50	ND	106	80-120	0.3	10	
Fluoride	2.2	0.50	mg/L	2.000	ND	108	80-120	1	10	
Nitrogen, Nitrate (As N)	5.5	0.50	mg/L	5.000	ND	109	80-120	0.5	10	
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	105	80-120	0.5	10	
Sulfate	14	5.0	mg/L	12.50	ND	111	80-120	0.8	10	

2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 25I0480 DATE 9/17/25 PAGE 1 OF 1

PROJECT NAME [illegible] #
CONTACT NAME T. Ault
COMPANY NAME Cutler Hacker
ADDRESS 8125 E Williams Circle
ZIP [illegible] PHONE [illegible] EMAIL
SAMPLER'S SIGNATURE

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX
DUP-094	9/17	0430			9	
FIELD BLANK	9/17	1130			9	
TRIP BLANK	9/17				1	

Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics 624 ☐ 524.2 ☐ 8260 ☐ TTHMS ☐ HAA5 ☐ Chloride ☐ Sulfate ☐ Resistivity ☐ NO3 ☐ NO2 ☐ TKN ☐ 1664 ☐ TPH ☐ Oil & Grease ☐ TCLP Analysis ☐ VOA ☐ Semi VOA ☐ PestL ☐ Metals ☐ TCLP ☐ Total ☐ Dissolved ☐ RCRA8 ☐ Cyanide ☐ Amen. ☐ Total ☐ WAD ☐ SDWA INORGANICS PRIMARY ☐ SECONDARY ☐ Coliform ☐ MPN ☐ PIA ☐ pH ☐ Fecal ☐ Q.D ☐ COD ☐ Turb ☐ TSS ☐ BOD ☐ [illegible]

1. RELINQUISHED BY:
Signature
Printed Name
Firm
9/17/2025 1400
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
___ Standard (approx. 10 days)*
___ Next Day ___ 2 Day ___ 5 Day*
___ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
___ I. Routine Report
___ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
___ III. Data Validation Report (Includes All Raw Data) Add 10% to invoice

INVOICE INFORMATION:
Account ___ Y ___ N
P.O. #
Bill to:

SAMPLE RECEIPT:
Total Containers
Temperature 8.9
☒ Wet Ice ☐ Ambient ☐ Blue Ice
IR # 49

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Christian Cervantes
Printed Name
TURNER LABORATORIES, INC.
Firm
9/17/25 14:00
Date/Time

* LEGEND SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP ☐ Yes ☐ No
Custody Seals ☐
Container Intact ☒
COC / Labels Agree ☑
Preservation Confirmation ☒
Appropriate Head Space ☒
Received Within Hold Time ☒

SPECIAL INSTRUCTIONS/COMMENTS:

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 17, 2025
Sample Received: September 19, 2025
Analysis Completed: October 10, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25I0480-01	6.8 ± 0.6	4.5 ± 0.7	2.3 ± 0.9	6.0 ± 1.4	< 0.5	< 0.8	< 0.8

Analysis Date/Time	9/26/2025	9/30/2025	9/30/2025	10/4/2025	10/3/2025	10/3/2025	10/3/2025
	16:05	14:32	14:32	19:48	0:08	0:08	0:08

October 10, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 17, 2025
Sample Received: September 19, 2025
Uranium Analysis Date: September 30, 2025
Uranium Analysis Time: 14:32

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25I0480-01	1.3 ± 0.3	0.062 ± 0.002	3.1 ± 0.4	4.5 ± 0.7	Activity (pCi/L)
	4.0 ± 0.8	0.029 ± 0.001	0.00050 ± 0.00007	4.0 ± 0.8	Content (µg/L)
	Comments:				

October 10, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 17, 2025 (Sample Date) 9:35 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

Combined Uranium must be reported in micrograms per liter

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/30/2025	2.3 ± 0.9		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/26/2025	6.8 ± 0.6		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/30/2025	4.0 ± 0.8	µg/L	
			Uranium 234	4007	9/30/2025	0.00050 ± 0.00007		
			Uranium 235	4008	9/30/2025	0.029 ± 0.001		
			Uranium 238	4009	9/30/2025	4.0 ± 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	10/3/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	10/3/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	10/3/2025	< 0.8		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78148

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510480-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 17, 2025 (Sample Date) 9:35 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

Combined Uranium must be reported in micrograms per liter

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/4/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78148

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510480-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 17, 2025
Sample Received: September 19, 2025
Analysis Completed: October 10, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
2510480-02	< 0.5	< 0.4	< 0.5	< 2.5	< 0.7	< 0.8	< 0.8

Analysis Date/Time	9/26/2025	9/25/2025	9/26/2025	10/6/2025	10/3/2025	10/3/2025	10/3/2025
	17:45	13:07	17:45	8:32	4:34	4:34	4:34

October 10, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: September 17, 2025
Sample Received: September 19, 2025
Uranium Analysis Date: September 25, 2025
Uranium Analysis Time: 13:07

Sample No.	^{238}U	^{235}U	^{234}U	Total	
2510480-02	< 0.3	< 0.002	< 0.3	< 0.4	Activity (pCi/L)
	< 0.8	< 0.001	< 0.00005	< 0.8	Content (µg/L)
	Comments:				

October 10, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 17, 2025 (Sample Date) 11:20 (Sample Time) (24 hour clock)

_____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number)

_____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	9/26/2025	< 0.5		
EPA 00-02		3 pCi/L	Gross Alpha	4002	9/26/2025	< 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	9/25/2025	< 0.8	µg/L	
			Uranium 234	4007	9/25/2025	< 0.00005		
			Uranium 235	4008	9/25/2025	< 0.001		
			Uranium 238	4009	9/25/2025	< 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	10/3/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	10/3/2025	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 228	4030	10/3/2025	< 0.8		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78149

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2510480-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

September 17, 2025 (Sample Date) 11:20 (Sample Time) (24 hour clock)

_____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number)

_____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/6/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78149

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25I0480-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

2510480

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Kevin Brim Kbrim@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 2510480-01 Non-Potable Wa Sampled:09/17/2025 09:35			
Radiochemistry, Gross Alpha Beta	03/16/2026 09:35		
Radiochemistry, Uranium	03/16/2026 09:35		
Radiochemistry, Radium 226/228	10/17/2025 09:35		78148
Containers Supplied:			
Sample ID: 2510480-02 Non-Potable Wa Sampled:09/17/2025 11:20			
Radiochemistry, Uranium	03/16/2026 11:20		
Radiochemistry, Radium 226/228	10/17/2025 11:20		
Radiochemistry, Gross Alpha Beta	03/16/2026 11:20		78149
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	9/18/25 1600	UPS	9/18/25 1600
[signature]		[signature]	9/19/25 9/19/25 11:25

November 12, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25J0442

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 1 sample(s) on 10/14/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0442
Date Received: 10/14/2025

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25J0442-01	POC-03	Ground Water	10/14/2025 1335

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0442
Date Received: 10/14/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 11/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0442
Lab Sample ID: 25J0442-01

Client Sample ID: POC-03
Collection Date/Time: 10/14/2025 1335
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.2		1.1		mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.75		0.60		mg/L	1	10/15/2025 0924	10/15/2025 1507	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	10/23/2025 1338	11/03/2025 1343	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0095		0.00050		mg/L	1	10/28/2025 1142	11/04/2025 1551	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	100		4.0		mg/L	1	10/22/2025 1014	10/29/2025 1701	RAR
Magnesium	30		3.0		mg/L	1	10/22/2025 1014	10/29/2025 1701	RAR
Potassium	5.4		5.0		mg/L	1	10/22/2025 1014	10/29/2025 1701	RAR
Silver	ND		0.010		mg/L	1	10/22/2025 1014	10/29/2025 1701	RAR
Sodium	36		5.0		mg/L	1	10/22/2025 1014	10/29/2025 1701	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Antimony	0.00070	0.00020	0.0025	E4	mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Arsenic	0.0069		0.0025		mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Barium	0.077		0.0025		mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Cadmium	ND	0.00025	0.0013	E8	mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Chromium	0.00021	0.00012	0.0025	E4	mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Cobalt	0.00016	0.000052	0.0013	E4	mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Copper	0.0014	0.00077	0.0025	E4	mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Lead	ND	0.00029	0.0025	E8	mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Manganese	0.011		0.0013		mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Molybdenum	0.18		0.0013		mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Nickel	0.00059	0.000076	0.0025	E4	mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Selenium	0.0026	0.0012	0.013	E4	mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Thallium	ND	0.00012	0.0025	E8	mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0442
Lab Sample ID: 25J0442-01

Client Sample ID: POC-03
Collection Date/Time: 10/14/2025 1335
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Uranium	0.0091		0.0025		mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
Zinc	0.019	0.011	0.20	E4	mg/L	5	10/23/2025 0800	11/11/2025 1536	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/28/2025 1019	10/29/2025 1420	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	26		5.0		mg/L	5	10/15/2025 0924	10/23/2025 0030	ES
Fluoride	1.4		0.50		mg/L	1	10/15/2025 0924	10/15/2025 1507	ES
Nitrogen, Nitrate (As N)	0.75		0.50		mg/L	1	10/15/2025 0924	10/15/2025 1507	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	10/15/2025 0924	10/15/2025 1507	ES
Sulfate	200		25		mg/L	5	10/15/2025 0924	10/23/2025 0030	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.44	0.30	0.50	E4	mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND		0.50		mg/L	1	10/23/2025 0943	10/23/2025 1510	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	250		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Total (As CaCO3)	250		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Specific Conductance-SM2510 B									
Conductivity	930		0.10		µmhos/cm	1	10/27/2025 1509	10/27/2025 1638	IM
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	640		20		mg/L	1	10/20/2025 1423	10/27/2025 1631	CEC
Cyanide-SM4500-CN BE									

Turner Laboratories, Inc.

Date: 11/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0442
Lab Sample ID: 25J0442-01

Client Sample ID: POC-03
Collection Date/Time: 10/14/2025 1335
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Cyanide	ND	0.086	0.10	E8	mg/L	1	10/21/2025 0908	10/21/2025 1415	ES
pH-SM4500-H+ B									
pH (pH Units)	7.2			H5	-	1	10/17/2025 1526	10/17/2025 1550	IM
Temperature (°C)	22			H5	-	1	10/17/2025 1526	10/17/2025 1550	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	10/21/2025 0800	10/21/2025 2138	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	10/21/2025 0800	10/21/2025 2138	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	10/21/2025 0800	10/21/2025 2138	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	10/21/2025 0800	10/21/2025 2138	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	10/21/2025 0800	10/21/2025 2138	PB
Surr: 4-Bromofluorobenzene	*103*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/21/2025 2138*	*PB*
Surr: Dibromofluoromethane	*92*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/21/2025 2138*	*PB*
Surr: Toluene-d8	*106*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/21/2025 2138*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0442
Date Received: 10/14/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510252 - EPA 245.1										
Blank (2510252-BLK1)				Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	ND	0.0010	mg/L							
LCS (2510252-BS1)				Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	0.0051	0.0010	mg/L	0.005000		102	85-115			
LCS Dup (2510252-BSD1)				Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	0.0052	0.0010	mg/L	0.005000		103	85-115	0.8	20	
Matrix Spike (2510252-MS1)		**Source: 25J0534-01**		Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	0.0050	0.0010	mg/L	0.005000	0.00039	93	70-130			
Matrix Spike Dup (2510252-MSD1)		**Source: 25J0534-01**		Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	0.0050	0.0010	mg/L	0.005000	0.00039	91	70-130	2	20	
Batch 2510256 - E200.8 (5.4)										
Blank (2510256-BLK1)				Prepared: 10/28/2025 Analyzed: 10/30/2025						
Uranium	0.000025	0.00050	mg/L							
LCS (2510256-BS1)				Prepared: 10/28/2025 Analyzed: 10/30/2025						
Uranium	0.053	0.00050	mg/L	0.05000		106	85-115			
LCS Dup (2510256-BSD1)				Prepared: 10/28/2025 Analyzed: 10/30/2025						
Uranium	0.053	0.00050	mg/L	0.05000		105	85-115	0.8	20	
Matrix Spike (2510256-MS1)		**Source: 25J0442-01**		Prepared: 10/28/2025 Analyzed: 10/30/2025						
Uranium	0.058	0.00050	mg/L	0.05000	0.0095	96	70-130			
Matrix Spike (2510256-MS2)		**Source: 25J0448-02**		Prepared: 10/28/2025 Analyzed: 10/30/2025						
Uranium	0.054	0.00050	mg/L	0.05000	0.0050	98	70-130			
Batch 2510263 - EPA 200.7 (4.4)										
Blank (2510263-BLK1)				Prepared: 10/22/2025 Analyzed: 10/29/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Silver	ND	0.010	mg/L							
Sodium	1.3	5.0	mg/L							
LCS (2510263-BS1)				Prepared: 10/22/2025 Analyzed: 10/29/2025						
Calcium	9.3	4.0	mg/L	10.00		93	85-115			
Magnesium	9.2	3.0	mg/L	10.00		92	85-115			
Potassium	9.2	5.0	mg/L	10.00		92	85-115			
Silver	0.045	0.010	mg/L	0.05000		89	85-115			
Sodium	9.8	5.0	mg/L	10.00		98	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0442
Date Received: 10/14/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510263 - EPA 200.7 (4.4)										
LCS Dup (2510263-BSD1)				Prepared: 10/22/2025 Analyzed: 10/29/2025						
Calcium	9.3	4.0	mg/L	10.00		93	85-115	1	20	
Magnesium	9.3	3.0	mg/L	10.00		93	85-115	1	20	
Potassium	9.2	5.0	mg/L	10.00		92	85-115	0.2	20	
Silver	0.044	0.010	mg/L	0.05000		89	85-115	0.6	20	
Sodium	9.8	5.0	mg/L	10.00		98	85-115	0.3	20	
Matrix Spike (2510263-MS1)		**Source: 25J0336-01**		Prepared: 10/22/2025 Analyzed: 10/29/2025						
Calcium	51	4.0	mg/L	10.00	42	88	70-130			
Magnesium	25	3.0	mg/L	10.00	15	99	70-130			
Potassium	17	5.0	mg/L	10.00	5.9	110	70-130			
Silver	0.055	0.010	mg/L	0.05000	ND	110	70-130			
Sodium	110	5.0	mg/L	10.00	110	60	70-130			M2
Matrix Spike (2510263-MS2)		**Source: 25J0337-01**		Prepared: 10/22/2025 Analyzed: 10/29/2025						
Calcium	87	4.0	mg/L	10.00	79	77	70-130			
Magnesium	28	3.0	mg/L	10.00	19	93	70-130			
Potassium	15	5.0	mg/L	10.00	4.3	103	70-130			
Silver	0.051	0.010	mg/L	0.05000	ND	101	70-130			
Sodium	99	5.0	mg/L	10.00	92	72	70-130			
Batch 2510278 - E200.7 (4.4)										
Blank (2510278-BLK1)				Prepared: 10/23/2025 Analyzed: 11/03/2025						
Iron	ND	0.30	mg/L							
LCS (2510278-BS1)				Prepared: 10/23/2025 Analyzed: 11/03/2025						
Iron	0.97	0.30	mg/L	1.000		97	85-115			
LCS Dup (2510278-BSD1)				Prepared: 10/23/2025 Analyzed: 11/03/2025						
Iron	0.96	0.30	mg/L	1.000		96	85-115	2	20	
Matrix Spike (2510278-MS1)		**Source: 25J0346-01**		Prepared: 10/23/2025 Analyzed: 11/03/2025						
Iron	2.1	0.30	mg/L	1.000	1.3	80	70-130			
Matrix Spike (2510278-MS2)		**Source: 25J0347-01**		Prepared: 10/23/2025 Analyzed: 11/03/2025						
Iron	1.0	0.30	mg/L	1.000	0.096	92	70-130			
Batch 2511001 - EPA 200.8 (5.4)										

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0442
Date Received: 10/14/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511001 - EPA 200.8 (5.4)										
Blank (2511001-BLK1)				Prepared: 10/23/2025 Analyzed: 11/03/2025						
Aluminum	ND	0.040	mg/L							
Antimony	0.000069	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	0.000062	0.00050	mg/L							
Beryllium	0.000061	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	0.000051	0.00050	mg/L							
Cobalt	0.000061	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	0.000062	0.00050	mg/L							
Manganese	0.000085	0.00025	mg/L							
Molybdenum	0.000065	0.00025	mg/L							
Nickel	0.000064	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	0.000060	0.00050	mg/L							
Uranium	0.000071	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2511001-BS1)				Prepared: 10/23/2025 Analyzed: 11/03/2025						
Aluminum	0.10	0.040	mg/L	0.1000		102	85-115			
Antimony	0.051	0.00050	mg/L	0.05000		103	85-115			
Arsenic	0.051	0.00050	mg/L	0.05000		102	85-115			
Barium	0.051	0.00050	mg/L	0.05000		102	85-115			
Beryllium	0.051	0.00025	mg/L	0.05000		101	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		101	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		100	85-115			
Copper	0.051	0.00050	mg/L	0.05000		101	85-115			
Lead	0.051	0.00050	mg/L	0.05000		102	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		101	85-115			
Molybdenum	0.050	0.00025	mg/L	0.05000		101	85-115			
Nickel	0.051	0.00050	mg/L	0.05000		101	85-115			
Selenium	0.051	0.0025	mg/L	0.05000		102	85-115			
Thallium	0.046	0.00050	mg/L	0.05000		92	85-115			
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115			
Zinc	0.10	0.040	mg/L	0.1000		102	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0442
Date Received: 10/14/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511001 - EPA 200.8 (5.4)										
LCS Dup (2511001-BSD1)				Prepared: 10/23/2025 Analyzed: 11/03/2025						
Aluminum	0.10	0.040	mg/L	0.1000		102	85-115	0.3	20	
Antimony	0.051	0.00050	mg/L	0.05000		103	85-115	0.2	20	
Arsenic	0.051	0.00050	mg/L	0.05000		102	85-115	0.5	20	
Barium	0.051	0.00050	mg/L	0.05000		102	85-115	0.4	20	
Beryllium	0.050	0.00025	mg/L	0.05000		101	85-115	0.4	20	
Cadmium	0.051	0.00025	mg/L	0.05000		101	85-115	0.5	20	
Chromium	0.051	0.00050	mg/L	0.05000		101	85-115	1	20	
Cobalt	0.051	0.00025	mg/L	0.05000		102	85-115	1	20	
Copper	0.051	0.00050	mg/L	0.05000		102	85-115	0.5	20	
Lead	0.051	0.00050	mg/L	0.05000		102	85-115	0.3	20	
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115	1	20	
Molybdenum	0.051	0.00025	mg/L	0.05000		102	85-115	1	20	
Nickel	0.051	0.00050	mg/L	0.05000		102	85-115	0.4	20	
Selenium	0.052	0.0025	mg/L	0.05000		103	85-115	0.8	20	
Thallium	0.046	0.00050	mg/L	0.05000		92	85-115	0.02	20	
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115	0.4	20	
Zinc	0.10	0.040	mg/L	0.1000		103	85-115	1	20	
Matrix Spike (2511001-MS1)		**Source: 25J0402-01**		Prepared: 10/23/2025 Analyzed: 11/03/2025						
Aluminum	0.087	0.040	mg/L	0.1000	0.037	49	70-130			M2
Antimony	0.051	0.00050	mg/L	0.05000	0.000058	102	70-130			
Arsenic	0.052	0.00050	mg/L	0.05000	0.00026	103	70-130			
Barium	0.061	0.00050	mg/L	0.05000	0.011	101	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	ND	104	70-130			
Cadmium	0.051	0.00025	mg/L	0.05000	ND	103	70-130			
Chromium	0.050	0.00050	mg/L	0.05000	0.000095	101	70-130			
Cobalt	0.050	0.00025	mg/L	0.05000	0.00015	100	70-130			
Copper	0.057	0.00050	mg/L	0.05000	0.0076	98	70-130			
Lead	0.051	0.00050	mg/L	0.05000	0.000089	102	70-130			
Manganese	0.057	0.00025	mg/L	0.05000	0.0066	101	70-130			
Molybdenum	0.051	0.00025	mg/L	0.05000	0.00016	101	70-130			
Nickel	0.050	0.00050	mg/L	0.05000	0.00037	98	70-130			
Selenium	0.054	0.0025	mg/L	0.05000	ND	108	70-130			
Thallium	0.047	0.00050	mg/L	0.05000	ND	93	70-130			
Uranium	0.052	0.00050	mg/L	0.05000	0.000017	103	70-130			
Zinc	0.053	0.040	mg/L	0.1000	ND	53	70-130			M2

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0442
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511001 - EPA 200.8 (5.4)										
Matrix Spike (2511001-MS2)	**Source: 25J0413-01**			Prepared: 10/23/2025 Analyzed: 11/03/2025						
Aluminum	0.17	0.040	mg/L	0.1000	0.075	99	70-130			
Antimony	0.056	0.00050	mg/L	0.05000	0.000099	111	70-130			
Arsenic	0.057	0.00050	mg/L	0.05000	0.00079	112	70-130			
Barium	0.087	0.00050	mg/L	0.05000	0.031	111	70-130			
Beryllium	0.056	0.00025	mg/L	0.05000	0.000028	113	70-130			
Cadmium	0.054	0.00025	mg/L	0.05000	ND	109	70-130			
Chromium	0.054	0.00050	mg/L	0.05000	0.00022	107	70-130			
Cobalt	0.054	0.00025	mg/L	0.05000	0.00027	107	70-130			
Copper	0.066	0.00050	mg/L	0.05000	0.014	104	70-130			
Lead	0.055	0.00050	mg/L	0.05000	0.00018	110	70-130			
Manganese	0.059	0.00025	mg/L	0.05000	0.0048	108	70-130			
Molybdenum	0.055	0.00025	mg/L	0.05000	0.00050	109	70-130			
Nickel	0.054	0.00050	mg/L	0.05000	0.00097	106	70-130			
Selenium	0.058	0.0025	mg/L	0.05000	0.00028	116	70-130			
Thallium	0.050	0.00050	mg/L	0.05000	ND	101	70-130			
Uranium	0.056	0.00050	mg/L	0.05000	0.000052	113	70-130			
Zinc	0.12	0.040	mg/L	0.1000	ND	118	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510164 - SM4500-H+ B										
Duplicate (2510164-DUP1)		**Source: 25J0484-02**		Prepared & Analyzed: 10/17/2025						
pH (pH Units)	7.0		-		7.0			0.3	200	H5
Temperature (°C)	23		-		22			2	200	H5
Duplicate (2510164-DUP2)		**Source: 25J0448-02**		Prepared & Analyzed: 10/17/2025						
pH (pH Units)	7.4		-		7.4			0.3	200	H5
Temperature (°C)	23		-		22			0.9	200	H5
Batch 2510176 - SM2540 C										
Duplicate (2510176-DUP1)		**Source: 25J0409-02**		Prepared: 10/20/2025 Analyzed: 10/27/2025						
Total Dissolved Solids (Residue, Filterable)	800	20	mg/L		790			1	5	
Duplicate (2510176-DUP2)		**Source: 25J0417-01**		Prepared: 10/20/2025 Analyzed: 10/27/2025						
Total Dissolved Solids (Residue, Filterable)	610	20	mg/L		610			0.7	5	
Batch 2510214 - SM 4500-NH3 B, F										
Blank (2510214-BLK1)				Prepared & Analyzed: 10/23/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2510214-BS1)				Prepared & Analyzed: 10/23/2025						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		100	90-110			
LCS Dup (2510214-BSD1)				Prepared & Analyzed: 10/23/2025						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		100	90-110	0	10	
Matrix Spike (2510214-MS1)		**Source: 25J0519-02**		Prepared & Analyzed: 10/23/2025						
Nitrogen, Ammonia (As N)	4.5	0.50	mg/L	2.500	1.9	106	80-120			
Matrix Spike Dup (2510214-MSD1)		**Source: 25J0519-02**		Prepared & Analyzed: 10/23/2025						
Nitrogen, Ammonia (As N)	4.3	0.50	mg/L	2.500	1.9	99	80-120	4	20	
Batch 2510233 - SM2320B										
Blank (2510233-BLK1)				Prepared & Analyzed: 10/26/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2510233-BS1)				Prepared & Analyzed: 10/26/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110			
LCS Dup (2510233-BSD1)				Prepared & Analyzed: 10/26/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		98	90-110	0.8	10	
Matrix Spike (2510233-MS1)		**Source: 25J0467-03**		Prepared & Analyzed: 10/26/2025						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	26	98	70-130			

Client: Copper World, Inc.
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510233 - SM2320B										
Matrix Spike Dup (2510233-MSD1)		**Source: 25J0467-03**		Prepared & Analyzed: 10/26/2025						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	26	96	70-130	1	10	
Batch 2510239 - EPA 351.2										
Blank (2510239-BLK1)				Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2510239-BS1)				Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.3	0.50	mg/L	5.000		106	80-120			
LCS Dup (2510239-BSD1)				Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000		104	80-120	1	20	
Matrix Spike (2510239-MS1)		**Source: 25J0484-03**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	0.38	97	80-120			
Matrix Spike (2510239-MS2)		**Source: 25J0579-02**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.36	95	80-120			
Matrix Spike Dup (2510239-MSD1)		**Source: 25J0484-03**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000	0.38	101	80-120	4	20	
Matrix Spike Dup (2510239-MSD2)		**Source: 25J0579-02**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.36	95	80-120	0.4	20	
Batch 2510244 - SM2510 B										
LCS (2510244-BS1)				Prepared & Analyzed: 10/27/2025						
Conductivity	150		µmhos/cm	141.2		107	90-110			
LCS Dup (2510244-BSD1)				Prepared & Analyzed: 10/27/2025						
Conductivity	150		µmhos/cm	141.2		104	90-110	3	10	
Duplicate (2510244-DUP1)		**Source: 25J0631-01**		Prepared & Analyzed: 10/27/2025						
Conductivity	14000	1.0	µmhos/cm		13000			1	10	
Duplicate (2510244-DUP2)		**Source: 25J0665-03**		Prepared & Analyzed: 10/27/2025						
Conductivity	330	0.10	µmhos/cm		330			0.9	10	

Client: Copper World, Inc.
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510190 - SW8260B										
Blank (2510190-BLK1)				Prepared & Analyzed: 10/21/2025						
Benzene	0.087	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.063	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*63.8*		*ug/L*	*50.00*		*128*	*70-130*			
Surrogate: Dibromofluoromethane	*38.2*		*ug/L*	*50.00*		*76*	*70-130*			
Surrogate: Toluene-d8	*43.7*		*ug/L*	*50.00*		*87*	*70-130*			
LCS (2510190-BS1)				Prepared & Analyzed: 10/21/2025						
1,1-Dichloroethene	47	0.50	ug/L	50.00		95	70-130			
Benzene	47	0.50	ug/L	50.00		94	70-130			
Chlorobenzene	48	0.50	ug/L	50.00		96	70-130			
Toluene	51	0.50	ug/L	50.00		102	70-130			
Trichloroethene	46	0.50	ug/L	50.00		92	70-130			
Surrogate: 4-Bromofluorobenzene	*63.5*		*ug/L*	*50.00*		*127*	*70-130*			
Surrogate: Dibromofluoromethane	*39.3*		*ug/L*	*50.00*		*79*	*70-130*			
Surrogate: Toluene-d8	*46.6*		*ug/L*	*50.00*		*93*	*70-130*			
LCS Dup (2510190-BSD1)				Prepared & Analyzed: 10/21/2025						
1,1-Dichloroethene	51	0.50	ug/L	50.00		102	70-130	7	30	
Benzene	49	0.50	ug/L	50.00		99	70-130	5	30	
Chlorobenzene	51	0.50	ug/L	50.00		102	70-130	7	30	
Toluene	53	0.50	ug/L	50.00		105	70-130	3	30	
Trichloroethene	48	0.50	ug/L	50.00		96	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*63.4*		*ug/L*	*50.00*		*127*	*70-130*			
Surrogate: Dibromofluoromethane	*39.0*		*ug/L*	*50.00*		*78*	*70-130*			
Surrogate: Toluene-d8	*45.4*		*ug/L*	*50.00*		*91*	*70-130*			
Matrix Spike (2510190-MS1)	**Source: 25J0424-01**			Prepared: 10/21/2025 Analyzed: 10/22/2025						
1,1-Dichloroethene	52	0.50	ug/L	50.00	ND	104	70-130			
Benzene	53	0.50	ug/L	50.00	0.063	105	70-130			
Chlorobenzene	51	0.50	ug/L	50.00	0.084	102	70-130			
Toluene	54	0.50	ug/L	50.00	ND	109	70-130			
Trichloroethene	50	0.50	ug/L	50.00	ND	99	70-130			
Surrogate: 4-Bromofluorobenzene	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*49.0*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			
Matrix Spike (2510190-MS2)	**Source: 25J0484-01**			Prepared: 10/21/2025 Analyzed: 10/22/2025						
1,1-Dichloroethene	48	0.50	ug/L	50.00	ND	96	70-130			
Benzene	52	0.50	ug/L	50.00	ND	105	70-130			
Chlorobenzene	50	0.50	ug/L	50.00	ND	101	70-130			
Toluene	52	0.50	ug/L	50.00	ND	105	70-130			
Trichloroethene	47	0.50	ug/L	50.00	ND	94	70-130			
Surrogate: 4-Bromofluorobenzene	*52.2*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*50.5*		*ug/L*	*50.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*52.1*		*ug/L*	*50.00*		*104*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0442
Date Received: 10/14/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510190 - SW8260B										
Matrix Spike Dup (2510190-MSD1)	**Source: 25J0424-01**			Prepared: 10/21/2025 Analyzed: 10/22/2025						
1,1-Dichloroethene	56	0.50	ug/L	50.00	ND	111	70-130	6	30	
Benzene	56	0.50	ug/L	50.00	0.063	112	70-130	6	30	
Chlorobenzene	54	0.50	ug/L	50.00	0.084	108	70-130	5	30	
Toluene	57	0.50	ug/L	50.00	ND	114	70-130	5	30	
Trichloroethene	51	0.50	ug/L	50.00	ND	103	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*48.9*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Matrix Spike Dup (2510190-MSD2)	**Source: 25J0484-01**			Prepared: 10/21/2025 Analyzed: 10/22/2025						
1,1-Dichloroethene	52	0.50	ug/L	50.00	ND	105	70-130	8	30	
Benzene	53	0.50	ug/L	50.00	ND	107	70-130	2	30	
Chlorobenzene	51	0.50	ug/L	50.00	ND	103	70-130	2	30	
Toluene	54	0.50	ug/L	50.00	ND	107	70-130	2	30	
Trichloroethene	49	0.50	ug/L	50.00	ND	98	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*55.0*		*ug/L*	*50.00*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*49.6*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*51.4*		*ug/L*	*50.00*		*103*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0442
Date Received: 10/14/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510139 - EPA 300.0 (2.1)										
Blank (2510139-BLK1)				Prepared & Analyzed: 10/15/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2510139-BS1)				Prepared & Analyzed: 10/15/2025						
Chloride	12	1.0	mg/L	12.50		98	90-110			
Fluoride	2.0	0.50	mg/L	2.000		102	90-110			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000		100	90-110			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		100	90-110			
Sulfate	13	5.0	mg/L	12.50		105	90-110			
LCS Dup (2510139-BSD1)				Prepared & Analyzed: 10/15/2025						
Chloride	12	1.0	mg/L	12.50		98	90-110	0.09	10	
Fluoride	2.0	0.50	mg/L	2.000		102	90-110	0.02	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000		100	90-110	0.3	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		99	90-110	1	10	
Sulfate	13	5.0	mg/L	12.50		105	90-110	0.09	10	
Matrix Spike (2510139-MS1)		**Source: 25J0337-01RE1**		Prepared: 10/15/2025 Analyzed: 10/23/2025						
Chloride	300	10	mg/L	125.0	160	109	80-120			
Fluoride	20	5.0	mg/L	20.00		102	80-120			
Nitrogen, Nitrate (As N)	53	5.0	mg/L	50.00	4.9	97	80-120			
Nitrogen, Nitrite (As N)	25	1.0	mg/L	25.00	ND	100	80-120			
Sulfate	230	50	mg/L	125.0	120	85	80-120			
Matrix Spike (2510139-MS2)		**Source: 25J0457-02RE2**		Prepared: 10/15/2025 Analyzed: 10/23/2025						
Chloride	1300	100	mg/L	1250		102	80-120			
Fluoride	200	50	mg/L	200.0		100	80-120			
Nitrogen, Nitrate (As N)	500	50	mg/L	500.0		99	80-120			
Nitrogen, Nitrite (As N)	250	10	mg/L	250.0		100	80-120			
Sulfate	2900	500	mg/L	1250	1800	84	80-120			
Matrix Spike Dup (2510139-MSD1)		**Source: 25J0337-01RE1**		Prepared: 10/15/2025 Analyzed: 10/23/2025						
Chloride	300	10	mg/L	125.0	160	109	80-120	0.2	10	
Fluoride	20	5.0	mg/L	20.00		102	80-120	0.2	10	
Nitrogen, Nitrate (As N)	53	5.0	mg/L	50.00	4.9	97	80-120	0.03	10	
Nitrogen, Nitrite (As N)	25	1.0	mg/L	25.00	ND	100	80-120	0.04	10	
Sulfate	230	50	mg/L	125.0	120	85	80-120	0.005	10	
Matrix Spike Dup (2510139-MSD2)		**Source: 25J0457-02RE2**		Prepared: 10/15/2025 Analyzed: 10/23/2025						
Chloride	1300	100	mg/L	1250		102	80-120	0.6	10	
Fluoride	200	50	mg/L	200.0		100	80-120	0.7	10	
Nitrogen, Nitrate (As N)	500	50	mg/L	500.0		100	80-120	0.4	10	
Nitrogen, Nitrite (As N)	250	10	mg/L	250.0		100	80-120	0.3	10	
Sulfate	2900	500	mg/L	1250	1800	85	80-120	0.5	10	

TURNER LABORATORIES, INC.
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www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 25J0442 DATE 10/14 PAGE 1 OF 1

PROJECT NAME Groundwater # _____

CONTACT NAME _____

COMPANY NAME COPPER WORLD

ADDRESS _____

ZIP _____ PHONE _____ EMAIL _____

SAMPLER'S SIGNATURE _____

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	Base Neutrals 625/8270 ☐	Acids ☐	Volatile Organics ☐ 624	524.2 ☐	8260 ☐	HAAS ☐	TTHMS ☐	Chloride ☐	Sulfate ☐	Resistivity ☐	NO3 ☐	NO2 ☐	TKN ☐	TPH ☐	1664 ☐	Oil & Grease ☐	TCLP Analysis ☐	SemiVOA ☐	VOA ☐	Pest ☐	TCLP ☐	Metals	Dissolved ☐	Total ☐	RCRA8 ☐	Total ☐	Cyanide ☐	Amen. ☐	SDWA-INORGANICS PRIMARY ☐	WAD ☐	SECONDARY ☐	Coliform MPN ☐	PIA ☐	pH ☐	Fecal ☐	Cl2 ☐	Turb ☐	TSS ☐	BOD ☐	COD ☐	X see PROJECT
POC-03	14/10/25	13:35		GW	9																																						X

1. RELINQUISHED BY:	2. RECEIVED BY:	TURNAROUND REQUIREMENTS:	REPORT REQUIREMENTS:	INVOICE INFORMATION:	SAMPLE RECEIPT:
A. Colmenero Signature Alejandro Colmenero Printed Name Pi-Tech Firm 14/10/2025 1725 Date/Time	Signature Printed Name Firm Date/Time	___ Standard (approx. 10 days)* ___ Next Day ___ 2 Day ___ 5 Day* ___ Email Preliminary Results * Working Days	___ I. Routine Report ___ II. Report (includes DUP, MS, MSD, as required, may be charged as samples) ___ III. Data Validation Report (Includes All Raw Data) Add 10% to Invoice	Account ___ Y ___ N P.O. # Bill to:	Total Containers 9 Temperature 0.9 ☑ Wet Ice ☐ Ambient ☐ Blue Ice IR # 48

3. RELINQUISHED BY:	4. RECEIVED BY:	* LEGEND SAMPLE MATRIX			
Signature Printed Name Firm Date/Time	Signature Printed Name TURNER LABORATORIES, INC. Firm 10/14/25 1724 Date/Time	DW = DRINKING WATER GW = GROUNDWATER SD = SOLID SG = SLUDGE SL = SOIL ST = STORMWATER WW = WASTEWATER	Compliance Analysis: ☐ Yes ☐ No CMDP Deliverable: ☐ Yes ☐ No Submit To CMDP: ☐ Yes ☐ No	Custody Seals ☐ Container Intact ☒ COC / Labels Agree ☒	Preservation Confirmation ☐ Appropriate Head Space ☒ Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:

acolmenero@pi-tech.com

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 14, 2025
Sample Received: October 16, 2025
Analysis Completed: October 31, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0442-01	11.4 ± 0.8	8.1 ± 1.0	3.3 ± 1.3	7.2 ± 1.3	< 0.4	1.6 ± 0.3	1.6 ± 0.3

Analysis Date/Time	10/25/2025	10/23/2025	10/25/2025	10/29/2025	10/29/2025	10/29/2025	10/29/2025
	03:37	14:55	03:37	10:10	16:53	16:53	16:53

October 31, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 14, 2025
Sample Received: October 16, 2025
Uranium Analysis Date: October 23, 2025
Uranium Analysis Time: 14:55

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0442-01	3.6 ± 0.5	0.169 ± 0.003	4.4 ± 0.5	8.1 ± 1.0	Activity (pCi/L)
	10.8 ± 1.4	0.079 ± 0.002	0.00070 ± 0.00008	10.9 ± 1.4	Content (µg/L)
	Comments:				

October 31, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 14, 2025 (Sample Date) 13:35 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/25/2025	3.3 ± 1.3		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/25/2025	11.4 ± 0.8		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	10/23/2025	10.9 ± 1.4	µg/L	
			Uranium 234	4007	10/23/2025	0.00070 ± 0.00008		
			Uranium 235	4008	10/23/2025	0.079 ± 0.002		
			Uranium 238	4009	10/23/2025	10.8 ± 1.4		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	10/29/2025	1.6 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	10/29/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	10/29/2025	1.6 ± 0.3		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

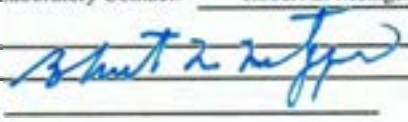
Specimen Number: RSE78389

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2530442-01

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 14, 2025 (Sample Date) 13:35 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/29/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78389

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0442-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25J0442

SENDING LABORATORY:	**RECEIVING LABORATORY:**
Turner Laboratories, Inc.	Radiation Safety Engineering, Inc.
2445 N. Coyote Drive, Ste #104	3245 N. Washington St.
Tucson, AZ 85745	Chandler, AZ 85225-1121
Phone: 520.882.5880	Phone :(480) 897-9459
Fax: 520.882.9788	Fax: (480) 892-5446
Project Manager: Elizabeth Kasik	Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25J0442-01 Non-Potable Wa Sampled:10/14/2025 13:35			
Radiochemistry, Uranium	04/12/2026 13:35		
Radiochemistry, Radium 226/228	11/13/2025 13:35		
Radiochemistry, Gross Alpha Beta	04/12/2026 13:35		78389
Containers Supplied: 1			

Released By	Date	Received By	Date
[signature]	10/15/25 1600	UPS	10/15/25 1600
Released By	Date	Received By	Date
		MS	10-16-25 10:15

November 15, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25J0484

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 4 sample(s) on 10/15/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Date Received: 10/15/2025

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25J0484-01	POC-01	Ground Water	10/15/2025 1100
25J0484-02	POC-02	Ground Water	10/15/2025 0945
25J0484-03	POC-04	Ground Water	10/15/2025 1340
25J0484-04	POC-06	Ground Water	10/15/2025 1556

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Date Received: 10/15/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H2	Initial analysis was performed within holding time. Reanalysis for the required dilution was past holding time.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
L5	The associated blank spike recovery was above laboratory/method acceptance limits. This analyte was not detected in the sample.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 11/15/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Lab Sample ID: 25J0484-01

Client Sample ID: POC-01
Collection Date/Time: 10/15/2025 1100
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	24		3.1		mg/L	5	10/27/2025 0820	10/27/2025 1047	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	23		2.6		mg/L	5	10/16/2025 1319	10/23/2025 1901	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	10/23/2025 1338	11/03/2025 1423	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.028		0.00050		mg/L	1	10/28/2025 1142	11/04/2025 1651	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	240		4.0		mg/L	1	10/27/2025 1016	11/03/2025 1607	RAR
Magnesium	69		3.0		mg/L	1	10/27/2025 1016	11/03/2025 1607	RAR
Potassium	5.7		5.0		mg/L	1	10/27/2025 1016	11/03/2025 1607	RAR
Silver	ND	0.00087	0.010	E8	mg/L	1	10/27/2025 1016	11/03/2025 1607	RAR
Sodium	19		5.0		mg/L	1	10/27/2025 1016	11/03/2025 1607	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Antimony	0.00035	0.000039	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Arsenic	0.0041		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Barium	0.031		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Beryllium	0.000040	0.000013	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Chromium	0.00014	0.000023	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Cobalt	0.00049		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Copper	0.00073		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Manganese	0.00075		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Molybdenum	0.077		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Nickel	0.0031		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Selenium	0.013		0.0025		mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Lab Sample ID: 25J0484-01

Client Sample ID: POC-01
Collection Date/Time: 10/15/2025 1100
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Uranium	0.025		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
Zinc	0.0065	0.0023	0.040	E4	mg/L	1	10/29/2025 0800	11/13/2025 1351	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/28/2025 1019	10/29/2025 1425	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	39		5.0		mg/L	5	10/16/2025 1319	10/23/2025 1901	ES
Fluoride	1.1		0.50		mg/L	1	10/16/2025 1319	10/16/2025 1911	ES
Nitrogen, Nitrate (As N)	23		2.5	H2	mg/L	5	10/16/2025 1319	10/23/2025 1901	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	10/16/2025 1319	10/16/2025 1911	ES
Sulfate	600		50	M1	mg/L	10	10/16/2025 1319	10/25/2025 1048	ACG
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.59		0.50		mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8, L5	mg/L	1	10/28/2025 1055	10/28/2025 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Total (As CaCO3)	190		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Specific Conductance-SM2510 B									
Conductivity	2300		0.50		µmhos/cm	5	10/27/2025 1509	10/27/2025 1638	IM
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1300		20		mg/L	1	10/20/2025 1423	10/27/2025 1631	CEC

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Lab Sample ID: 25J0484-01

Client Sample ID: POC-01
Collection Date/Time: 10/15/2025 1100
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	10/21/2025 0908	10/21/2025 1415	ES
pH-SM4500-H+ B									
pH (pH Units)	7.1			H5	-	1	10/17/2025 1526	10/17/2025 1553	IM
Temperature (°C)	22			H5	-	1	10/17/2025 1526	10/17/2025 1553	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	10/21/2025 0800	10/21/2025 1951	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	10/21/2025 0800	10/21/2025 1951	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	10/21/2025 0800	10/21/2025 1951	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	10/21/2025 0800	10/21/2025 1951	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	10/21/2025 0800	10/21/2025 1951	PB
Surr: 4-Bromofluorobenzene	*99*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/21/2025 1951*	*PB*
Surr: Dibromofluoromethane	*93*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/21/2025 1951*	*PB*
Surr: Toluene-d8	*104*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/21/2025 1951*	*PB*

Turner Laboratories, Inc.

Date: 11/15/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Lab Sample ID: 25J0484-02

Client Sample ID: POC-02
Collection Date/Time: 10/15/2025 0945
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	3.7		1.1		mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	3.7		0.60		mg/L	1	10/16/2025 1319	10/16/2025 1935	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	10/23/2025 1338	11/03/2025 1426	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.018		0.00050		mg/L	1	10/28/2025 1142	11/04/2025 1654	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	220		4.0		mg/L	1	10/27/2025 1016	11/03/2025 1610	RAR
Magnesium	65		3.0		mg/L	1	10/27/2025 1016	11/03/2025 1610	RAR
Potassium	4.5	0.14	5.0	E4	mg/L	1	10/27/2025 1016	11/03/2025 1610	RAR
Silver	ND	0.00087	0.010	E8	mg/L	1	10/27/2025 1016	11/03/2025 1610	RAR
Sodium	61		5.0		mg/L	1	10/27/2025 1016	11/03/2025 1610	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Antimony	0.0010		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Arsenic	0.0068		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Barium	0.025		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Beryllium	0.000041	0.000013	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Chromium	0.000050	0.000023	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Cobalt	0.00029		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Copper	0.0022		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Manganese	0.00096		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Molybdenum	0.12		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Nickel	0.0019		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Selenium	0.0045		0.0025		mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Uranium	0.018		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR
Zinc	0.0070	0.0023	0.040	E4	mg/L	1	10/29/2025 0800	11/13/2025 1354	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Lab Sample ID: 25J0484-02

Client Sample ID: POC-02
Collection Date/Time: 10/15/2025 0945
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	0.00017	0.00015	0.0010	E4	mg/L	1	10/28/2025 1019	10/29/2025 1427	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	69		10		mg/L	10	10/16/2025 1319	10/25/2025 1112	ACG
Fluoride	1.5		0.50		mg/L	1	10/16/2025 1319	10/16/2025 1935	ES
Nitrogen, Nitrate (As N)	3.7		0.50		mg/L	1	10/16/2025 1319	10/16/2025 1935	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	10/16/2025 1319	10/16/2025 1935	ES
Sulfate	550		50		mg/L	10	10/16/2025 1319	10/25/2025 1112	ACG
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	10/23/2025 0943	10/23/2025 1510	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	280		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Total (As CaCO3)	280		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Specific Conductance-SM2510 B									
Conductivity	2000		0.50		µmhos/cm	5	10/27/2025 1509	10/27/2025 1638	IM
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400		20		mg/L	1	10/20/2025 1423	10/27/2025 1631	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	10/21/2025 0908	10/21/2025 1415	ES

Turner Laboratories, Inc.

Date: 11/15/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Lab Sample ID: 25J0484-02

Client Sample ID: POC-02
Collection Date/Time: 10/15/2025 0945
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH-SM4500-H+ B									
pH (pH Units)	7.0			H5	-	1	10/17/2025 1526	10/17/2025 1555	IM
Temperature (°C)	22			H5	-	1	10/17/2025 1526	10/17/2025 1555	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0254	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	10/21/2025 0800	10/22/2025 0254	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0254	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0254	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	10/21/2025 0800	10/22/2025 0254	PB
Surr: 4-Bromofluorobenzene	*100*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 254*	*PB*
Surr: Dibromofluoromethane	*94*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 254*	*PB*
Surr: Toluene-d8	*107*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 254*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Lab Sample ID: 25J0484-03

Client Sample ID: POC-04
Collection Date/Time: 10/15/2025 1340
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	10/16/2025 1319	10/16/2025 1959	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.13	0.022	0.33	E4	mg/L	1	10/23/2025 1338	11/03/2025 1429	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.014		0.00050		mg/L	1	10/28/2025 1142	11/04/2025 1657	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	57		4.0		mg/L	1	10/27/2025 1016	11/03/2025 1614	RAR
Magnesium	17		3.0		mg/L	1	10/27/2025 1016	11/03/2025 1614	RAR
Potassium	5.5		5.0		mg/L	1	10/27/2025 1016	11/03/2025 1614	RAR
Silver	ND	0.00087	0.010	E8	mg/L	1	10/27/2025 1016	11/03/2025 1614	RAR
Sodium	49		5.0		mg/L	1	10/27/2025 1016	11/03/2025 1614	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Antimony	0.00012	0.000039	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Arsenic	0.0031		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Barium	0.053		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Chromium	0.000084	0.000023	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Cobalt	0.00020	0.000010	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Copper	0.0015		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Manganese	0.35		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Molybdenum	0.083		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Nickel	0.00092		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Selenium	0.00099	0.00025	0.0025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Uranium	0.015		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1357	RAR

Turner Laboratories, Inc.

Date: 11/15/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Lab Sample ID: 25J0484-03

Client Sample ID: POC-04
Collection Date/Time: 10/15/2025 1340
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/28/2025 1019	10/29/2025 1430	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	23		1.0		mg/L	1	10/16/2025 1319	10/16/2025 1959	ES
Fluoride	2.6		0.50		mg/L	1	10/16/2025 1319	10/16/2025 1959	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	10/16/2025 1319	10/16/2025 1959	ES
Nitrogen, Nitrite (As N)	0.11		0.10		mg/L	1	10/16/2025 1319	10/16/2025 1959	ES
Sulfate	69		5.0		mg/L	1	10/16/2025 1319	10/16/2025 1959	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.38	0.30	0.50	E4	mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	10/23/2025 0943	10/23/2025 1510	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Total (As CaCO3)	230		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Specific Conductance-SM2510 B									
Conductivity	660		0.10		µmhos/cm	1	10/27/2025 1509	10/27/2025 1638	IM
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	400		20		mg/L	1	10/22/2025 0800	10/29/2025 0918	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	10/21/2025 0908	10/21/2025 1415	ES

Turner Laboratories, Inc.

Date: 11/15/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Lab Sample ID: 25J0484-03

Client Sample ID: POC-04
Collection Date/Time: 10/15/2025 1340
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH-SM4500-H+ B									
pH (pH Units)	7.3			H5	-	1	10/17/2025 1526	10/17/2025 1605	IM
Temperature (°C)	22			H5	-	1	10/17/2025 1526	10/17/2025 1605	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0330	PB
Carbon disulfide	0.16	0.11	2.0	E4	ug/L	1	10/21/2025 0800	10/22/2025 0330	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0330	PB
Toluene	0.23	0.057	0.50	E4	ug/L	1	10/21/2025 0800	10/22/2025 0330	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	10/21/2025 0800	10/22/2025 0330	PB
Surr: 4-Bromofluorobenzene	*104*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 330*	*PB*
Surr: Dibromofluoromethane	*95*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 330*	*PB*
Surr: Toluene-d8	*108*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 330*	*PB*

Turner Laboratories, Inc.

Date: 11/15/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Lab Sample ID: 25J0484-04

Client Sample ID: POC-06
Collection Date/Time: 10/15/2025 1556
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	10/16/2025 1319	10/16/2025 2158	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	10/23/2025 1338	11/03/2025 1432	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.010		0.00050		mg/L	1	10/28/2025 1142	11/04/2025 1700	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	63		4.0		mg/L	1	10/27/2025 1016	11/03/2025 1616	RAR
Magnesium	17		3.0		mg/L	1	10/27/2025 1016	11/03/2025 1616	RAR
Potassium	4.8	0.14	5.0	E4	mg/L	1	10/27/2025 1016	11/03/2025 1616	RAR
Silver	ND	0.00087	0.010	E8	mg/L	1	10/27/2025 1016	11/03/2025 1616	RAR
Sodium	43		5.0		mg/L	1	10/27/2025 1016	11/03/2025 1616	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Antimony	0.0030		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Arsenic	0.0027		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Barium	0.061		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Chromium	0.00036	0.000023	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Cobalt	0.00012	0.000010	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Copper	0.0023		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Manganese	0.0018		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Molybdenum	0.13		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Nickel	0.0014		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Selenium	0.0013	0.00025	0.0025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Uranium	0.012		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR
Zinc	0.022	0.0023	0.040	E4	mg/L	1	10/29/2025 0800	11/13/2025 1400	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Lab Sample ID: 25J0484-04

Client Sample ID: POC-06
Collection Date/Time: 10/15/2025 1556
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/28/2025 1019	10/29/2025 1432	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	35		5.0		mg/L	5	10/16/2025 1319	10/23/2025 1959	ES
Fluoride	2.7		0.50		mg/L	1	10/16/2025 1319	10/16/2025 2158	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	10/16/2025 1319	10/16/2025 2158	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	10/16/2025 1319	10/16/2025 2158	ES
Sulfate	99		25		mg/L	5	10/16/2025 1319	10/23/2025 1959	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	10/23/2025 0943	10/23/2025 1510	ES
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Total (As CaCO3)	190		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Specific Conductance-SM2510 B									
Conductivity	680		0.10		µmhos/cm	1	10/27/2025 1509	10/27/2025 1638	IM
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	410		20		mg/L	1	10/22/2025 0800	10/29/2025 0918	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	10/21/2025 0908	10/21/2025 1415	ES

Turner Laboratories, Inc.

Date: 11/15/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Lab Sample ID: 25J0484-04

Client Sample ID: POC-06
Collection Date/Time: 10/15/2025 1556
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH-SM4500-H+ B									
pH (pH Units)	7.4			H5	-	1	10/17/2025 1526	10/17/2025 1607	IM
Temperature (°C)	22			H5	-	1	10/17/2025 1526	10/17/2025 1607	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0406	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	10/21/2025 0800	10/22/2025 0406	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0406	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0406	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	10/21/2025 0800	10/22/2025 0406	PB
Surr: 4-Bromofluorobenzene	*103*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 406*	*PB*
Surr: Dibromofluoromethane	*94*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 406*	*PB*
Surr: Toluene-d8	*104*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 406*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Date Received: 10/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510252 - EPA 245.1										
Blank (2510252-BLK1)				Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	ND	0.0010	mg/L							
LCS (2510252-BS1)				Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	0.0051	0.0010	mg/L	0.005000		102	85-115			
LCS Dup (2510252-BSD1)				Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	0.0052	0.0010	mg/L	0.005000		103	85-115	0.8	20	
Matrix Spike (2510252-MS1)		**Source: 25J0534-01**		Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	0.0050	0.0010	mg/L	0.005000	0.00039	93	70-130			
Matrix Spike Dup (2510252-MSD1)		**Source: 25J0534-01**		Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	0.0050	0.0010	mg/L	0.005000	0.00039	91	70-130	2	20	
Batch 2510256 - E200.8 (5.4)										
Blank (2510256-BLK1)				Prepared: 10/28/2025 Analyzed: 10/30/2025						
Uranium	0.000025	0.00050	mg/L							
LCS (2510256-BS1)				Prepared: 10/28/2025 Analyzed: 10/30/2025						
Uranium	0.053	0.00050	mg/L	0.05000		106	85-115			
LCS Dup (2510256-BSD1)				Prepared: 10/28/2025 Analyzed: 10/30/2025						
Uranium	0.053	0.00050	mg/L	0.05000		105	85-115	0.8	20	
Matrix Spike (2510256-MS1)		**Source: 25J0442-01**		Prepared: 10/28/2025 Analyzed: 10/30/2025						
Uranium	0.058	0.00050	mg/L	0.05000	0.0095	96	70-130			
Matrix Spike (2510256-MS2)		**Source: 25J0448-02**		Prepared: 10/28/2025 Analyzed: 10/30/2025						
Uranium	0.054	0.00050	mg/L	0.05000	0.0050	98	70-130			
Batch 2510264 - EPA 200.7 (4.4)										
Blank (2510264-BLK1)				Prepared: 10/27/2025 Analyzed: 11/03/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Silver	ND	0.010	mg/L							
Sodium	1.2	5.0	mg/L							
LCS (2510264-BS1)				Prepared: 10/27/2025 Analyzed: 11/03/2025						
Calcium	9.9	4.0	mg/L	10.00		99	85-115			
Magnesium	9.7	3.0	mg/L	10.00		97	85-115			
Potassium	9.7	5.0	mg/L	10.00		97	85-115			
Silver	0.046	0.010	mg/L	0.05000		91	85-115			
Sodium	10	5.0	mg/L	10.00		101	85-115			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510264 - EPA 200.7 (4.4)										
LCS Dup (2510264-BSD1)				Prepared: 10/27/2025 Analyzed: 11/03/2025						
Calcium	9.8	4.0	mg/L	10.00		98	85-115	0.8	20	
Magnesium	9.5	3.0	mg/L	10.00		95	85-115	1	20	
Potassium	9.8	5.0	mg/L	10.00		98	85-115	1	20	
Silver	0.046	0.010	mg/L	0.05000		91	85-115	0.006	20	
Sodium	10	5.0	mg/L	10.00		102	85-115	1	20	
Matrix Spike (2510264-MS1)		**Source: 25J0445-03**		Prepared: 10/27/2025 Analyzed: 11/03/2025						
Calcium	120	4.0	mg/L	10.00	110	65	70-130			M2
Magnesium	35	3.0	mg/L	10.00	25	91	70-130			
Potassium	16	5.0	mg/L	10.00	5.3	107	70-130			
Silver	0.049	0.010	mg/L	0.05000	ND	99	70-130			
Sodium	150	5.0	mg/L	10.00	150	48	70-130			M2
Matrix Spike (2510264-MS2)		**Source: 25J0445-04**		Prepared: 10/27/2025 Analyzed: 11/03/2025						
Calcium	110	4.0	mg/L	10.00	100	72	70-130			
Magnesium	34	3.0	mg/L	10.00	24	94	70-130			
Potassium	15	5.0	mg/L	10.00	4.9	105	70-130			
Silver	0.049	0.010	mg/L	0.05000	ND	97	70-130			
Sodium	140	5.0	mg/L	10.00	140	53	70-130			M2
Batch 2510278 - E200.7 (4.4)										
Blank (2510278-BLK1)				Prepared: 10/23/2025 Analyzed: 11/03/2025						
Iron	ND	0.30	mg/L							
LCS (2510278-BS1)				Prepared: 10/23/2025 Analyzed: 11/03/2025						
Iron	0.97	0.30	mg/L	1.000		97	85-115			
LCS Dup (2510278-BSD1)				Prepared: 10/23/2025 Analyzed: 11/03/2025						
Iron	0.96	0.30	mg/L	1.000		96	85-115	2	20	
Matrix Spike (2510278-MS1)		**Source: 25J0346-01**		Prepared: 10/23/2025 Analyzed: 11/03/2025						
Iron	2.1	0.30	mg/L	1.000	1.3	80	70-130			
Matrix Spike (2510278-MS2)		**Source: 25J0347-01**		Prepared: 10/23/2025 Analyzed: 11/03/2025						
Iron	1.0	0.30	mg/L	1.000	0.096	92	70-130			
Batch 2511002 - EPA 200.8 (5.4)										

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511002 - EPA 200.8 (5.4)										
Blank (2511002-BLK1)				Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	0.000035	0.00050	mg/L							
Cobalt	0.000011	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	0.000035	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2511002-BS1)				Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	0.096	0.040	mg/L	0.1000		96	85-115			
Antimony	0.052	0.00050	mg/L	0.05000		104	85-115			
Arsenic	0.050	0.00050	mg/L	0.05000		101	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.046	0.00025	mg/L	0.05000		92	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		99	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		101	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		100	85-115			
Copper	0.050	0.00050	mg/L	0.05000		100	85-115			
Lead	0.047	0.00050	mg/L	0.05000		95	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		100	85-115			
Molybdenum	0.051	0.00025	mg/L	0.05000		101	85-115			
Nickel	0.050	0.00050	mg/L	0.05000		99	85-115			
Selenium	0.052	0.0025	mg/L	0.05000		103	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		99	85-115			
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115			
Zinc	0.10	0.040	mg/L	0.1000		101	85-115			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511002 - EPA 200.8 (5.4)										
LCS Dup (2511002-BSD1)				Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	0.096	0.040	mg/L	0.1000		96	85-115	0.1	20	
Antimony	0.052	0.00050	mg/L	0.05000		103	85-115	0.6	20	
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Barium	0.052	0.00050	mg/L	0.05000		103	85-115	0.4	20	
Beryllium	0.046	0.00025	mg/L	0.05000		91	85-115	0.8	20	
Cadmium	0.049	0.00025	mg/L	0.05000		98	85-115	0.9	20	
Chromium	0.051	0.00050	mg/L	0.05000		101	85-115	0.4	20	
Cobalt	0.049	0.00025	mg/L	0.05000		99	85-115	0.7	20	
Copper	0.050	0.00050	mg/L	0.05000		100	85-115	0.1	20	
Lead	0.047	0.00050	mg/L	0.05000		93	85-115	2	20	
Manganese	0.050	0.00025	mg/L	0.05000		99	85-115	0.6	20	
Molybdenum	0.051	0.00025	mg/L	0.05000		101	85-115	0.4	20	
Nickel	0.050	0.00050	mg/L	0.05000		99	85-115	0.1	20	
Selenium	0.051	0.0025	mg/L	0.05000		103	85-115	0.4	20	
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115	0.6	20	
Uranium	0.052	0.00050	mg/L	0.05000		105	85-115	0.4	20	
Zinc	0.10	0.040	mg/L	0.1000		101	85-115	0.5	20	
Matrix Spike (2511002-MS1)		**Source: 25J0458-01**		Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	0.11	0.040	mg/L	0.1000	ND	105	70-130			
Antimony	0.054	0.00050	mg/L	0.05000	0.00014	107	70-130			
Arsenic	0.057	0.00050	mg/L	0.05000	0.00031	113	70-130			
Barium	0.077	0.00050	mg/L	0.05000	0.023	108	70-130			
Beryllium	0.050	0.00025	mg/L	0.05000	0.000078	100	70-130			
Cadmium	0.052	0.00025	mg/L	0.05000	0.000076	103	70-130			
Chromium	0.054	0.00050	mg/L	0.05000	0.00012	108	70-130			
Cobalt	0.054	0.00025	mg/L	0.05000	0.0023	102	70-130			
Copper	0.053	0.00050	mg/L	0.05000	0.0037	98	70-130			
Lead	0.050	0.00050	mg/L	0.05000	ND	101	70-130			
Manganese	ND	0.00025	mg/L	0.05000	ND		70-130			
Molybdenum	0.075	0.00025	mg/L	0.05000	0.022	106	70-130			
Nickel	0.065	0.00050	mg/L	0.05000	0.016	98	70-130			
Selenium	0.060	0.0025	mg/L	0.05000	0.00056	118	70-130			
Thallium	0.053	0.00050	mg/L	0.05000	0.000051	106	70-130			
Uranium	0.057	0.00050	mg/L	0.05000	0.0019	110	70-130			
Zinc	ND	0.040	mg/L	0.1000	ND		70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511002 - EPA 200.8 (5.4)										
Matrix Spike (2511002-MS2)	**Source: 25J0458-02**			Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	0.091	0.040	mg/L	0.1000	ND	91	70-130			
Antimony	0.055	0.00050	mg/L	0.05000	0.00012	109	70-130			
Arsenic	0.084	0.00050	mg/L	0.05000	0.016	136	70-130			M1
Barium	0.069	0.00050	mg/L	0.05000	0.017	106	70-130			
Beryllium	0.053	0.00025	mg/L	0.05000	0.000046	106	70-130			
Cadmium	0.051	0.00025	mg/L	0.05000	ND	103	70-130			
Chromium	0.056	0.00050	mg/L	0.05000	0.00016	112	70-130			
Cobalt	0.051	0.00025	mg/L	0.05000	0.00055	100	70-130			
Copper	0.055	0.00050	mg/L	0.05000	0.0072	95	70-130			
Lead	0.048	0.00050	mg/L	0.05000	0.000077	96	70-130			
Manganese	0.081	0.00025	mg/L	0.05000	0.032	98	70-130			
Molybdenum	0.55	0.00025	mg/L	0.05000	0.51	88	70-130			
Nickel	0.052	0.00050	mg/L	0.05000	0.0036	97	70-130			
Selenium	0.050	0.0025	mg/L	0.05000	0.0022	96	70-130			
Thallium	0.050	0.00050	mg/L	0.05000	0.000049	99	70-130			
Uranium	0.057	0.00050	mg/L	0.05000	0.0050	104	70-130			
Zinc	0.13	0.040	mg/L	0.1000	0.018	111	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510164 - SM4500-H+ B										
Duplicate (2510164-DUP1)		**Source: 25J0484-02**		Prepared & Analyzed: 10/17/2025						
pH (pH Units)	7.0		-		7.0			0.3	200	H5
Temperature (°C)	23		-		22			2	200	H5
Duplicate (2510164-DUP2)		**Source: 25J0448-02**		Prepared & Analyzed: 10/17/2025						
pH (pH Units)	7.4		-		7.4			0.3	200	H5
Temperature (°C)	23		-		22			0.9	200	H5
Batch 2510176 - SM2540 C										
Duplicate (2510176-DUP1)		**Source: 25J0409-02**		Prepared: 10/20/2025 Analyzed: 10/27/2025						
Total Dissolved Solids (Residue, Filterable)	800	20	mg/L		790			1	5	
Duplicate (2510176-DUP2)		**Source: 25J0417-01**		Prepared: 10/20/2025 Analyzed: 10/27/2025						
Total Dissolved Solids (Residue, Filterable)	610	20	mg/L		610			0.7	5	
Batch 2510196 - SM2540 C										
Duplicate (2510196-DUP1)		**Source: 25J0453-01**		Prepared: 10/22/2025 Analyzed: 10/29/2025						
Total Dissolved Solids (Residue, Filterable)	470	20	mg/L		470			0.4	5	
Duplicate (2510196-DUP2)		**Source: 25J0457-01**		Prepared: 10/22/2025 Analyzed: 10/29/2025						
Total Dissolved Solids (Residue, Filterable)	590	20	mg/L		590			0	5	
Batch 2510214 - SM 4500-NH3 B, F										
Blank (2510214-BLK1)				Prepared & Analyzed: 10/23/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2510214-BS1)				Prepared & Analyzed: 10/23/2025						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		100	90-110			
LCS Dup (2510214-BSD1)				Prepared & Analyzed: 10/23/2025						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		100	90-110	0	10	
Matrix Spike (2510214-MS1)		**Source: 25J0519-02**		Prepared & Analyzed: 10/23/2025						
Nitrogen, Ammonia (As N)	4.5	0.50	mg/L	2.500	1.9	106	80-120			
Matrix Spike Dup (2510214-MSD1)		**Source: 25J0519-02**		Prepared & Analyzed: 10/23/2025						
Nitrogen, Ammonia (As N)	4.3	0.50	mg/L	2.500	1.9	99	80-120	4	20	
Batch 2510233 - SM2320B										
Blank (2510233-BLK1)				Prepared & Analyzed: 10/26/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510233 - SM2320B										
LCS (2510233-BS1)				Prepared & Analyzed: 10/26/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110			
LCS Dup (2510233-BSD1)				Prepared & Analyzed: 10/26/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		98	90-110	0.8	10	
Matrix Spike (2510233-MS1)		**Source: 25J0467-03**		Prepared & Analyzed: 10/26/2025						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	26	98	70-130			
Matrix Spike Dup (2510233-MSD1)		**Source: 25J0467-03**		Prepared & Analyzed: 10/26/2025						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	26	96	70-130	1	10	
Batch 2510239 - EPA 351.2										
Blank (2510239-BLK1)				Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2510239-BS1)				Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.3	0.50	mg/L	5.000		106	80-120			
LCS Dup (2510239-BSD1)				Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000		104	80-120	1	20	
Matrix Spike (2510239-MS1)		**Source: 25J0484-03**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	0.38	97	80-120			
Matrix Spike (2510239-MS2)		**Source: 25J0579-02**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.36	95	80-120			
Matrix Spike Dup (2510239-MSD1)		**Source: 25J0484-03**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000	0.38	101	80-120	4	20	
Matrix Spike Dup (2510239-MSD2)		**Source: 25J0579-02**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.36	95	80-120	0.4	20	
Batch 2510244 - SM2510 B										
LCS (2510244-BS1)				Prepared & Analyzed: 10/27/2025						
Conductivity	150		µmhos/cm	141.2		107	90-110			
LCS Dup (2510244-BSD1)				Prepared & Analyzed: 10/27/2025						
Conductivity	150		µmhos/cm	141.2		104	90-110	3	10	
Duplicate (2510244-DUP1)		**Source: 25J0631-01**		Prepared & Analyzed: 10/27/2025						
Conductivity	14000	1.0	µmhos/cm		13000			1	10	
Duplicate (2510244-DUP2)		**Source: 25J0665-03**		Prepared & Analyzed: 10/27/2025						
Conductivity	330	0.10	µmhos/cm		330			0.9	10	
Batch 2510254 - SM 4500-NH3 B, F										
Blank (2510254-BLK1)				Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510254 - SM 4500-NH3 B, F										
LCS (2510254-BS1)				Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		110	90-110			
LCS Dup (2510254-BSD1)				Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	2.8	0.50	mg/L	2.500		111	90-110	1	10	L5
Matrix Spike (2510254-MS1)	**Source: 25J0543-01**			Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	3.6	0.50	mg/L	2.500	ND	145	80-120			M1
Matrix Spike Dup (2510254-MSD1)	**Source: 25J0543-01**			Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	3.6	0.50	mg/L	2.500	ND	142	80-120	2	20	M1

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510190 - SW8260B										
Blank (2510190-BLK1)				Prepared & Analyzed: 10/21/2025						
Benzene	0.087	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.063	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*63.8*		*ug/L*	*50.00*		*128*	*70-130*			
Surrogate: Dibromofluoromethane	*38.2*		*ug/L*	*50.00*		*76*	*70-130*			
Surrogate: Toluene-d8	*43.7*		*ug/L*	*50.00*		*87*	*70-130*			
LCS (2510190-BS1)				Prepared & Analyzed: 10/21/2025						
1,1-Dichloroethene	47	0.50	ug/L	50.00		95	70-130			
Benzene	47	0.50	ug/L	50.00		94	70-130			
Chlorobenzene	48	0.50	ug/L	50.00		96	70-130			
Toluene	51	0.50	ug/L	50.00		102	70-130			
Trichloroethene	46	0.50	ug/L	50.00		92	70-130			
Surrogate: 4-Bromofluorobenzene	*63.5*		*ug/L*	*50.00*		*127*	*70-130*			
Surrogate: Dibromofluoromethane	*39.3*		*ug/L*	*50.00*		*79*	*70-130*			
Surrogate: Toluene-d8	*46.6*		*ug/L*	*50.00*		*93*	*70-130*			
LCS Dup (2510190-BSD1)				Prepared & Analyzed: 10/21/2025						
1,1-Dichloroethene	51	0.50	ug/L	50.00		102	70-130	7	30	
Benzene	49	0.50	ug/L	50.00		99	70-130	5	30	
Chlorobenzene	51	0.50	ug/L	50.00		102	70-130	7	30	
Toluene	53	0.50	ug/L	50.00		105	70-130	3	30	
Trichloroethene	48	0.50	ug/L	50.00		96	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*63.4*		*ug/L*	*50.00*		*127*	*70-130*			
Surrogate: Dibromofluoromethane	*39.0*		*ug/L*	*50.00*		*78*	*70-130*			
Surrogate: Toluene-d8	*45.4*		*ug/L*	*50.00*		*91*	*70-130*			
Matrix Spike (2510190-MS1)	**Source: 25J0424-01**			Prepared: 10/21/2025 Analyzed: 10/22/2025						
1,1-Dichloroethene	52	0.50	ug/L	50.00	ND	104	70-130			
Benzene	53	0.50	ug/L	50.00	0.063	105	70-130			
Chlorobenzene	51	0.50	ug/L	50.00	0.084	102	70-130			
Toluene	54	0.50	ug/L	50.00	ND	109	70-130			
Trichloroethene	50	0.50	ug/L	50.00	ND	99	70-130			
Surrogate: 4-Bromofluorobenzene	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*49.0*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			
Matrix Spike (2510190-MS2)	**Source: 25J0484-01**			Prepared: 10/21/2025 Analyzed: 10/22/2025						
1,1-Dichloroethene	48	0.50	ug/L	50.00	ND	96	70-130			
Benzene	52	0.50	ug/L	50.00	ND	105	70-130			
Chlorobenzene	50	0.50	ug/L	50.00	ND	101	70-130			
Toluene	52	0.50	ug/L	50.00	ND	105	70-130			
Trichloroethene	47	0.50	ug/L	50.00	ND	94	70-130			
Surrogate: 4-Bromofluorobenzene	*52.2*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*50.5*		*ug/L*	*50.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*52.1*		*ug/L*	*50.00*		*104*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Date Received: 10/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510190 - SW8260B										
Matrix Spike Dup (2510190-MSD1)	**Source: 25J0424-01**			Prepared: 10/21/2025 Analyzed: 10/22/2025						
1,1-Dichloroethene	56	0.50	ug/L	50.00	ND	111	70-130	6	30	
Benzene	56	0.50	ug/L	50.00	0.063	112	70-130	6	30	
Chlorobenzene	54	0.50	ug/L	50.00	0.084	108	70-130	5	30	
Toluene	57	0.50	ug/L	50.00	ND	114	70-130	5	30	
Trichloroethene	51	0.50	ug/L	50.00	ND	103	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*48.9*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Matrix Spike Dup (2510190-MSD2)	**Source: 25J0484-01**			Prepared: 10/21/2025 Analyzed: 10/22/2025						
1,1-Dichloroethene	52	0.50	ug/L	50.00	ND	105	70-130	8	30	
Benzene	53	0.50	ug/L	50.00	ND	107	70-130	2	30	
Chlorobenzene	51	0.50	ug/L	50.00	ND	103	70-130	2	30	
Toluene	54	0.50	ug/L	50.00	ND	107	70-130	2	30	
Trichloroethene	49	0.50	ug/L	50.00	ND	98	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*55.0*		*ug/L*	*50.00*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*49.6*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*51.4*		*ug/L*	*50.00*		*103*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0484
Date Received: 10/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510153 - EPA 300.0 (2.1)										
Blank (2510153-BLK1)				Prepared & Analyzed: 10/16/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2510153-BS1)				Prepared & Analyzed: 10/16/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110			
Fluoride	2.0	0.50	mg/L	2.000		99	90-110			
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		97	90-110			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		98	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2510153-BSD1)				Prepared & Analyzed: 10/16/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110	0.5	10	
Fluoride	2.0	0.50	mg/L	2.000		99	90-110	0.2	10	
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		97	90-110	0.1	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		98	90-110	0.1	10	
Sulfate	13	5.0	mg/L	12.50		104	90-110	0.08	10	
Matrix Spike (2510153-MS1)	**Source: 25J0467-03**			Prepared: 10/16/2025 Analyzed: 10/23/2025						
Chloride	12	1.0	mg/L	12.50	ND	97	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	101	80-120			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	99	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	99	80-120			
Sulfate	13	5.0	mg/L	12.50	3.0	80	80-120			
Matrix Spike (2510153-MS2)	**Source: 25J0484-04RE1**			Prepared: 10/16/2025 Analyzed: 10/23/2025						
Chloride	160	10	mg/L	125.0	35	101	80-120			
Fluoride	21	5.0	mg/L	20.00	2.7	90	80-120			
Nitrogen, Nitrate (As N)	73	5.0	mg/L	50.00	ND	146	80-120			M1
Nitrogen, Nitrite (As N)	25	1.0	mg/L	25.00	ND	98	80-120			
Sulfate	720	50	mg/L	125.0	99	496	80-120			M1
Matrix Spike Dup (2510153-MSD1)	**Source: 25J0467-03**			Prepared: 10/16/2025 Analyzed: 10/23/2025						
Chloride	12	1.0	mg/L	12.50	ND	98	80-120	0.3	10	
Fluoride	2.1	0.50	mg/L	2.000	ND	103	80-120	2	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	99	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	99	80-120	0.1	10	
Sulfate	13	5.0	mg/L	12.50	3.0	81	80-120	0.3	10	
Matrix Spike Dup (2510153-MSD2)	**Source: 25J0484-04RE1**			Prepared: 10/16/2025 Analyzed: 10/23/2025						
Chloride	160	10	mg/L	125.0	35	102	80-120	0.5	10	
Fluoride	21	5.0	mg/L	20.00	2.7	89	80-120	0.4	10	
Nitrogen, Nitrate (As N)	74	5.0	mg/L	50.00	ND	147	80-120	0.4	10	M1
Nitrogen, Nitrite (As N)	25	1.0	mg/L	25.00	ND	99	80-120	0.4	10	
Sulfate	720	50	mg/L	125.0	99	496	80-120	0.1	10	M1

TURNER LABORATORIES INC
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 05-2041-84 DATE _____ PAGE _____ OF _____

PROJECT NAME _____ # _____

CONTACT NAME _____

COMPANY NAME COPPER WOOD INC

ADDRESS _____

ZIP _____ PHONE _____ EMAIL _____

SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS
POC-01	10/13/25	11:00		GW	9
POC-02	10/13/25	9:45		GW	9
POC-04	10/13/25	13:40		GW	9
POC-06	10/13/25	15:56		GW	9

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics ☐ 624 ☐ 524.2 ☐ 8260 ☐ THMS ☐ HAA5 ☐ Chloride ☐ Sulfate ☐ Reactivity ☐ NO3 ☐ NO2 ☐ TKN ☐ TPH ☐ 1664 ☐ Oil & Grease ☐ TCLP Analysis ☐ VOA ☐ Semi-VOA ☐ PCB ☐ TCLP ☐ Metals ☐ Dissolved ☐ Total ☐ RCRA8 ☐ Cyanide ☐ Amen ☐ Total ☐ WAD ☐ SDWA/INORGANICS PRIMARY ☐ SECONDARY ☐ Coliform MPN ☐ PA ☐ pH ☐ Fecal ☐ Cl2 ☐ Cl2 ☐ Turb ☐ TSS ☐ COD ☐ BOD ☐ See PM Note

1. RELINQUISHED BY:
A. Colmenero
Signature
Alejandro Colmenero
Printed Name
Piteau
Firm
10/15/2025 3:47
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
____ Standard (approx. 10 days)*
____ Next Day ____ 2 Day ____ 5 Day*
____ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
____ I. Routine Report
____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
____ III. Data Validation Report (includes All Raw Data) Add 10% to Invoice

INVOICE INFORMATION:
Account ____ Y ____ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers 36
Temperature 4.7
☒ Wet Ice
☐ Ambient
☐ Blue Ice
IR # 418

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Printed Name
TURNER LABORATORIES, INC.
Firm
10/15/25 17:47
Date/Time

* LEGEND SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☒
COC / Labels Agree ☐

Preservation Confirmation ☐
Appropriate Head Space ☐
Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:
acolmenero@piteau.com

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 15, 2025
Sample Received: October 17, 2025
Analysis Completed: November 07, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0484-01	17.6 ± 1.0	19.2 ± 1.5	< 1.0	15.1 ± 1.7	0.5 ± 0.2	< 0.9	0.5 ± 0.2

Analysis Date/Time							
	10/29/2025	10/23/2025	10/29/2025	10/29/2025	11/4/2025	11/4/2025	11/4/2025
	15:47	16:16	15:47	13:46	20:16	20:16	20:16

November 7, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 15, 2025
Sample Received: October 17, 2025
Uranium Analysis Date: October 23, 2025
Uranium Analysis Time: 16:16

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0484-01	8.3 ± 0.7	0.385 ± 0.005	10.6 ± 0.8	19.2 ± 1.5	Activity (pCi/L)
	24.6 ± 2.1	0.180 ± 0.002	0.00170 ± 0.00013	24.8 ± 2.1	Content (µg/L)
	Comments:				

November 7, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 15, 2025 (Sample Date) 11:00 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/29/2025	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/29/2025	17.6 ± 1.0		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	10/23/2025	24.8 ± 2.1	µg/L	
			Uranium 234	4007	10/23/2025	0.00170 ± 0.00013		
			Uranium 235	4008	10/23/2025	0.180 ± 0.002		
			Uranium 238	4009	10/23/2025	24.6 ± 2.1		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/4/2025	0.5 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/4/2025	0.5 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/4/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78403

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0484-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 15, 2025 (Sample Date) 11:00 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/29/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78403

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0484-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 15, 2025
Sample Received: October 17, 2025
Analysis Completed: November 07, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0484-02	13.8 ± 0.9	17.1 ± 1.4	< 1.0	15.2 ± 1.7	< 0.4	< 0.9	< 0.9

Analysis Date/Time	10/29/2025	10/29/2025	10/29/2025	10/30/2025	11/5/2025	11/5/2025	11/5/2025
	17:27	9:29	9:29	14:12	0:17	0:17	0:17

November 7, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 15, 2025
Sample Received: October 17, 2025
Uranium Analysis Date: October 29, 2025
Uranium Analysis Time: 9:29

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0484-02	6.8 ± 0.6	0.318 ± 0.004	9.9 ± 0.8	17.1 ± 1.4	Activity (pCi/L)
	20.3 ± 1.9	0.149 ± 0.002	0.00160 ± 0.00013	20.5 ± 1.9	Content (µg/L)
	Comments:				

November 7, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 15, 2025 (Sample Date) 9:45 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/29/2025	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/29/2025	13.8 ± 0.9		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	10/29/2025	20.5 ± 1.9	µg/L	
			Uranium 234	4007	10/29/2025	0.00160 ± 0.00013		
			Uranium 235	4008	10/29/2025	0.149 ± 0.002		
			Uranium 238	4009	10/29/2025	20.3 ± 1.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/5/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/5/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/5/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78404

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0484-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 15, 2025 (Sample Date) 9:45 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/30/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78404

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0484-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 15, 2025
Sample Received: October 17, 2025
Analysis Completed: November 07, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0484-03	17.2 ± 1.3	12.9 ± 1.2	4.3 ± 1.8	10.2 ± 1.3	< 0.4	< 0.9	< 0.9

Analysis Date/Time	10/29/2025 19:08	10/29/2025 11:13	10/29/2025 11:13	10/30/2025 14:12	11/5/2025 4:19	11/5/2025 4:19	11/5/2025 4:19

November 7, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 15, 2025
Sample Received: October 17, 2025
Uranium Analysis Date: October 29, 2025
Uranium Analysis Time: 11:13

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0484-03	4.5 ± 0.5	0.209 ± 0.004	8.2 ± 0.7	12.9 ± 1.2	Activity (pCi/L)
	13.3 ± 1.5	0.098 ± 0.002	0.00131 ± 0.00011	13.4 ± 1.5	Content (µg/L)
	Comments:				

November 7, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 15, 2025 (Sample Date) 13:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/29/2025	4.3 ± 1.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/29/2025	17.2 ± 1.3		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	10/29/2025	13.4 ± 1.5	µg/L	
			Uranium 234	4007	10/29/2025	0.00131 ± 0.00011		
			Uranium 235	4008	10/29/2025	0.098 ± 0.002		
			Uranium 238	4009	10/29/2025	13.3 ± 1.5		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/5/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/5/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/5/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78405

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0484-03

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 15, 2025 (Sample Date) 13:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/30/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78405

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 2530484-03

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 15, 2025
Sample Received: October 17, 2025
Analysis Completed: November 07, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0484-04	11.7 ± 0.8	10.4 ± 1.1	1.3 ± 1.4	12.6 ± 1.4	< 0.4	< 0.9	< 0.9

Analysis Date/Time	10/29/2025 20:48	10/29/2025 11:31	10/29/2025 11:31	10/30/2025 14:12	11/5/2025 8:21	11/5/2025 8:21	11/5/2025 8:21

November 7, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 15, 2025
Sample Received: October 17, 2025
Uranium Analysis Date: October 29, 2025
Uranium Analysis Time: 11:31

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0484-04	3.3 ± 0.4	0.154 ± 0.003	6.9 ± 0.6	10.4 ± 1.1	Activity (pCi/L)
	9.8 ± 1.3	0.072 ± 0.001	0.00111 ± 0.00010	9.9 ± 1.3	Content (µg/L)
	Comments:				

November 7, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 15, 2025 (Sample Date) 15:56 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/29/2025	1.3 ± 1.4		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/29/2025	11.7 ± 0.8		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	10/29/2025	9.9 ± 1.3	µg/L	
			Uranium 234	4007	10/29/2025	0.00111 ± 0.00010		
			Uranium 235	4008	10/29/2025	0.072 ± 0.001		
			Uranium 238	4009	10/29/2025	9.8 ± 1.3		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/5/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/5/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/5/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78406

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0484-04

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 15, 2025 (Sample Date) 15:56 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/30/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78406

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0484-04

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25J0484

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25J0484-01 Non-Potable Wa Sampled:10/15/2025 11:00			
Radiochemistry, Uranium	04/13/2026 11:00		
Radiochemistry, Radium 226/228	11/14/2025 11:00		
Radiochemistry, Gross Alpha Beta	04/13/2026 11:00		78403
Containers Supplied:			
Sample ID: 25J0484-02 Non-Potable Wa Sampled:10/15/2025 09:45			
Radiochemistry, Uranium	04/13/2026 09:45		
Radiochemistry, Radium 226/228	11/14/2025 09:45		
Radiochemistry, Gross Alpha Beta	04/13/2026 09:45		78404
Containers Supplied:			
Sample ID: 25J0484-03 Non-Potable Wa Sampled:10/15/2025 13:40			
Radiochemistry, Uranium	04/13/2026 13:40		
Radiochemistry, Radium 226/228	11/14/2025 13:40		
Radiochemistry, Gross Alpha Beta	04/13/2026 13:40		78405
Containers Supplied:			
Sample ID: 25J0484-04 Non-Potable Wa Sampled:10/15/2025 15:56			
Radiochemistry, Uranium	04/13/2026 15:56		
Radiochemistry, Radium 226/228	11/14/2025 15:56		
Radiochemistry, Gross Alpha Beta	04/13/2026 15:56		78406
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	10/16/25 1600	UPS	10/16/25 1600
		[signature]	10/17/25 11:15
Released By	Date	Received By	Date

November 17, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25J0534

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 4 sample(s) on 10/16/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25J0534-01	POC - 08	Ground Water	10/16/2025 1232
25J0534-02	POC - 09	Ground Water	10/16/2025 1510
25J0534-03	POC - 10	Ground Water	10/16/2025 1020
25J0534-04	POC - 10 DUP	Ground Water	10/16/2025 1040

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
L5	The associated blank spike recovery was above laboratory/method acceptance limits. This analyte was not detected in the sample.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
U	Analyte included in the analysis, but not detected
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 11/17/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Lab Sample ID: 25J0534-01

Client Sample ID: POC - 08
Collection Date/Time: 10/16/2025 1232
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	10/17/2025 1009	10/17/2025 1325	ES
ICP Total Metals-E200.7 (4.4)									
Iron	1.5		0.30		mg/L	1	10/30/2025 1041	11/03/2025 1817	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Antimony	ND	0.000039	0.00050	E4, V1	mg/L	1	10/28/2025 1142	10/30/2025 1956	RAR
Uranium	0.00049		0.00050		mg/L	1	10/28/2025 1142	11/04/2025 1703	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	78		4.0		mg/L	1	10/27/2025 1016	11/03/2025 1651	RAR
Magnesium	12		3.0		mg/L	1	10/27/2025 1016	11/03/2025 1651	RAR
Potassium	2.9	0.14	5.0	E4	mg/L	1	10/27/2025 1016	11/03/2025 1651	RAR
Sodium	16		5.0		mg/L	1	10/27/2025 1016	11/03/2025 1651	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Antimony	0.000069	0.000039	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Arsenic	0.0014		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Barium	0.044		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Chromium	0.000064	0.000023	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Cobalt	0.00013	0.000010	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Copper	0.00038	0.00015	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Manganese	0.35		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Molybdenum	0.84		0.00050		mg/L	2	10/29/2025 0800	11/14/2025 1446	RAR
Nickel	0.00090		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Selenium	0.00080	0.00025	0.0025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Lab Sample ID: 25J0534-01

Client Sample ID: POC - 08
Collection Date/Time: 10/16/2025 1232
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Thallium	ND	0.000023	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Uranium	0.00059		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1403	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	0.00039	0.00015	0.0010	E4	mg/L	1	10/28/2025 1019	10/29/2025 1411	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	9.9		1.0		mg/L	1	10/17/2025 1009	10/17/2025 1325	ES
Fluoride	1.3		0.50		mg/L	1	10/17/2025 1009	10/17/2025 1325	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	10/17/2025 1009	10/17/2025 1325	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	10/17/2025 1009	10/17/2025 1325	ES
Sulfate	130		50		mg/L	10	10/17/2025 1009	10/24/2025 0349	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8, L5	mg/L	1	10/28/2025 1055	10/28/2025 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	180		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Alkalinity, Total (As CaCO3)	180		2.0		mg/L	1	10/26/2025 1002	10/26/2025 1503	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	390		20		mg/L	1	10/22/2025 0800	10/29/2025 0918	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	10/29/2025 1049	10/30/2025 1550	SJS

Turner Laboratories, Inc.

Date: 11/17/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Lab Sample ID: 25J0534-01

Client Sample ID: POC - 08
Collection Date/Time: 10/16/2025 1232
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH-SM4500-H+ B									
pH (pH Units)	7.6			H5	-	1	10/17/2025 1526	10/17/2025 1609	IM
Temperature (°C)	22			H5	-	1	10/17/2025 1526	10/17/2025 1609	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0551	PB
Carbon disulfide	0.21	0.11	2.0	E4	ug/L	1	10/21/2025 0800	10/22/2025 0551	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0551	PB
Toluene	0.22	0.057	0.50	E4	ug/L	1	10/21/2025 0800	10/22/2025 0551	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	10/21/2025 0800	10/22/2025 0551	PB
Surr: 4-Bromofluorobenzene	*106*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 551*	*PB*
Surr: Dibromofluoromethane	*96*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 551*	*PB*
Surr: Toluene-d8	*104*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 551*	*PB*

Turner Laboratories, Inc.

Date: 11/17/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Lab Sample ID: 25J0534-02

Client Sample ID: POC - 09
Collection Date/Time: 10/16/2025 1510
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.53		0.60	J	mg/L	1	10/17/2025 1009	10/17/2025 1349	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	10/30/2025 1041	11/03/2025 1820	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Antimony	ND	0.000039	0.00050	E4, V1	mg/L	1	10/28/2025 1142	10/30/2025 1959	RAR
Uranium	0.0039		0.00050		mg/L	1	10/28/2025 1142	11/04/2025 1706	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	62		4.0		mg/L	1	10/27/2025 1016	11/03/2025 1654	RAR
Magnesium	14		3.0		mg/L	1	10/27/2025 1016	11/03/2025 1654	RAR
Potassium	2.7	0.14	5.0	E4	mg/L	1	10/27/2025 1016	11/03/2025 1654	RAR
Sodium	13		5.0		mg/L	1	10/27/2025 1016	11/03/2025 1654	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Antimony	0.00022	0.000039	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Arsenic	0.0035		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Barium	0.026		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Beryllium	0.000014	0.000013	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Chromium	0.00020	0.000023	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Cobalt	0.000092	0.000010	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Copper	0.00069		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Manganese	0.0014		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Molybdenum	0.043		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Nickel	0.00089		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Selenium	0.0018	0.00025	0.0025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Uranium	0.0043		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR
Zinc	0.0037	0.0023	0.040	E4	mg/L	1	10/29/2025 0800	11/13/2025 1406	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Lab Sample ID: 25J0534-02

Client Sample ID: POC - 09
Collection Date/Time: 10/16/2025 1510
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/28/2025 1019	10/29/2025 1435	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11		1.0		mg/L	1	10/17/2025 1009	10/17/2025 1349	ES
Fluoride	1.2		0.50		mg/L	1	10/17/2025 1009	10/17/2025 1349	ES
Nitrogen, Nitrate (As N)	0.53		0.50		mg/L	1	10/17/2025 1009	10/17/2025 1349	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	10/17/2025 1009	10/17/2025 1349	ES
Sulfate	17		5.0		mg/L	1	10/17/2025 1009	10/17/2025 1349	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8, L5	mg/L	1	10/28/2025 1055	10/28/2025 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	220		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Total (As CaCO3)	220		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	290		20		mg/L	1	10/22/2025 0800	10/29/2025 0918	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	10/29/2025 1049	10/30/2025 1550	SJS
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Lab Sample ID: 25J0534-02

Client Sample ID: POC - 09
Collection Date/Time: 10/16/2025 1510
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.3			H5	-	1	10/17/2025 1526	10/17/2025 1611	IM
Temperature (°C)	22			H5	-	1	10/17/2025 1526	10/17/2025 1611	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0627	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	10/21/2025 0800	10/22/2025 0627	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0627	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0627	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	10/21/2025 0800	10/22/2025 0627	PB
Surr: 4-Bromofluorobenzene	*107*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 627*	*PB*
Surr: Dibromofluoromethane	*95*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 627*	*PB*
Surr: Toluene-d8	*107*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 627*	*PB*

Turner Laboratories, Inc.

Date: 11/17/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Lab Sample ID: 25J0534-03

Client Sample ID: POC - 10
Collection Date/Time: 10/16/2025 1020
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.5		1.1		mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.5		0.60		mg/L	1	10/17/2025 1009	10/17/2025 1413	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	10/30/2025 0800	11/03/2025 1903	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Antimony	ND	0.000039	0.00050	E4, V1	mg/L	1	10/23/2025 0800	11/04/2025 1430	RAR
Uranium	0.0033		0.00050		mg/L	1	10/23/2025 0800	11/04/2025 1430	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	95		4.0		mg/L	1	10/27/2025 1016	11/03/2025 1657	RAR
Magnesium	16		3.0		mg/L	1	10/27/2025 1016	11/03/2025 1657	RAR
Potassium	2.2	0.14	5.0	E4	mg/L	1	10/27/2025 1016	11/03/2025 1657	RAR
Sodium	6.7		5.0		mg/L	1	10/27/2025 1016	11/03/2025 1657	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Antimony	0.00023	0.000039	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Arsenic	0.0021		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Barium	0.023		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Beryllium	0.000014	0.000013	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Chromium	0.00067		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Cobalt	0.00014	0.000010	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Copper	0.00042	0.00015	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Manganese	0.0015		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Molybdenum	0.064		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Nickel	0.0015		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Selenium	0.0093		0.0025		mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Uranium	0.0036		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR
Zinc	0.0068	0.0023	0.040	E4	mg/L	1	10/29/2025 0800	11/13/2025 1409	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Lab Sample ID: 25J0534-03

Client Sample ID: POC - 10
Collection Date/Time: 10/16/2025 1020
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/28/2025 1019	10/29/2025 1437	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10		1.0		mg/L	1	10/17/2025 1009	10/17/2025 1413	ES
Fluoride	0.91		0.50		mg/L	1	10/17/2025 1009	10/17/2025 1413	ES
Nitrogen, Nitrate (As N)	1.5		0.50		mg/L	1	10/17/2025 1009	10/17/2025 1413	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	10/17/2025 1009	10/17/2025 1413	ES
Sulfate	63		5.0		mg/L	1	10/17/2025 1009	10/17/2025 1413	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8, L5	mg/L	1	10/28/2025 1055	10/28/2025 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	250		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Total (As CaCO3)	250		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	400		20		mg/L	1	10/22/2025 0800	10/29/2025 0918	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	10/29/2025 1049	10/30/2025 1550	SJS
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Lab Sample ID: 25J0534-03

Client Sample ID: POC - 10
Collection Date/Time: 10/16/2025 1020
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.2			H5	-	1	10/17/2025 1526	10/17/2025 1614	IM
Temperature (°C)	22			H5	-	1	10/17/2025 1526	10/17/2025 1614	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0702	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	10/21/2025 0800	10/22/2025 0702	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0702	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0702	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	10/21/2025 0800	10/22/2025 0702	PB
Surr: 4-Bromofluorobenzene	*105*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 702*	*PB*
Surr: Dibromofluoromethane	*96*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 702*	*PB*
Surr: Toluene-d8	*108*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 702*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Lab Sample ID: 25J0534-04

Client Sample ID: POC - 10 DUP
Collection Date/Time: 10/16/2025 1040
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.5		1.1		mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.5		0.60		mg/L	1	10/17/2025 1009	10/17/2025 1437	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	10/30/2025 0800	11/03/2025 1906	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Antimony	ND	0.000039	0.00050	E4, V1	mg/L	1	10/23/2025 0800	11/04/2025 1433	RAR
Uranium	0.0033		0.00050		mg/L	1	10/23/2025 0800	11/04/2025 1433	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	94		4.0		mg/L	1	10/27/2025 1016	11/03/2025 1700	RAR
Magnesium	16		3.0		mg/L	1	10/27/2025 1016	11/03/2025 1700	RAR
Potassium	2.1	0.14	5.0	E4	mg/L	1	10/27/2025 1016	11/03/2025 1700	RAR
Sodium	6.7		5.0		mg/L	1	10/27/2025 1016	11/03/2025 1700	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Antimony	0.00022	0.000039	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Arsenic	0.0022		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Barium	0.024		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Beryllium	0.000016	0.000013	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Chromium	0.00067		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Cobalt	0.00014	0.000010	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Copper	0.00039	0.00015	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Manganese	0.0026		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Molybdenum	0.064		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Nickel	0.0015		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Selenium	0.0094		0.0025		mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Uranium	0.0036		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR
Zinc	0.0080	0.0023	0.040	E4	mg/L	1	10/29/2025 0800	11/13/2025 1412	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Lab Sample ID: 25J0534-04

Client Sample ID: POC - 10 DUP
Collection Date/Time: 10/16/2025 1040
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/28/2025 1019	10/29/2025 1440	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10		1.0		mg/L	1	10/17/2025 1009	10/17/2025 1437	ES
Fluoride	0.92		0.50		mg/L	1	10/17/2025 1009	10/17/2025 1437	ES
Nitrogen, Nitrate (As N)	1.5		0.50		mg/L	1	10/17/2025 1009	10/17/2025 1437	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	10/17/2025 1009	10/17/2025 1437	ES
Sulfate	110		50		mg/L	10	10/17/2025 1009	10/24/2025 0413	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8, L5	mg/L	1	10/28/2025 1055	10/28/2025 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Total (As CaCO3)	230		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	410		20		mg/L	1	10/22/2025 0800	10/29/2025 0918	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND		0.10		mg/L	1	10/29/2025 1049	10/30/2025 1550	SJS
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Lab Sample ID: 25J0534-04

Client Sample ID: POC - 10 DUP
Collection Date/Time: 10/16/2025 1040
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	6.7			H5	-	1	10/17/2025 1526	10/17/2025 1616	IM
Temperature (°C)	23			H5	-	1	10/17/2025 1526	10/17/2025 1616	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0738	PB
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	10/21/2025 0800	10/22/2025 0738	PB
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0738	PB
Toluene	ND	0.057	0.50	E8	ug/L	1	10/21/2025 0800	10/22/2025 0738	PB
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	10/21/2025 0800	10/22/2025 0738	PB
Surr: 4-Bromofluorobenzene	*106*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 738*	*PB*
Surr: Dibromofluoromethane	*96*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 738*	*PB*
Surr: Toluene-d8	*105*	*70-130*			*%REC*	*1*	*10/21/2025 0800*	*10/22/2025 738*	*PB*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510252 - EPA 245.1										
Blank (2510252-BLK1)				Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	ND	0.0010	mg/L							
LCS (2510252-BS1)				Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	0.0051	0.0010	mg/L	0.005000		102	85-115			
LCS Dup (2510252-BSD1)				Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	0.0052	0.0010	mg/L	0.005000		103	85-115	0.8	20	
Matrix Spike (2510252-MS1)		**Source: 25J0534-01**		Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	0.0050	0.0010	mg/L	0.005000	0.00039	93	70-130			
Matrix Spike Dup (2510252-MSD1)		**Source: 25J0534-01**		Prepared: 10/28/2025 Analyzed: 10/29/2025						
Mercury	0.0050	0.0010	mg/L	0.005000	0.00039	91	70-130	2	20	
Batch 2510256 - E200.8 (5.4)										
Blank (2510256-BLK1)				Prepared: 10/28/2025 Analyzed: 10/30/2025						
Antimony	ND	0.00050	mg/L							
Uranium	0.000025	0.00050	mg/L							
LCS (2510256-BS1)				Prepared: 10/28/2025 Analyzed: 10/30/2025						
Antimony	0.046	0.00050	mg/L	0.05000		92	85-115			
Uranium	0.053	0.00050	mg/L	0.05000		106	85-115			
LCS Dup (2510256-BSD1)				Prepared: 10/28/2025 Analyzed: 10/30/2025						
Antimony	0.047	0.00050	mg/L	0.05000		93	85-115	2	20	
Uranium	0.053	0.00050	mg/L	0.05000		105	85-115	0.8	20	
Matrix Spike (2510256-MS1)		**Source: 25J0442-01**		Prepared: 10/28/2025 Analyzed: 10/30/2025						
Antimony	0.051	0.00050	mg/L	0.05000	0.00058	102	70-130			
Uranium	0.058	0.00050	mg/L	0.05000	0.0095	96	70-130			
Matrix Spike (2510256-MS2)		**Source: 25J0448-02**		Prepared: 10/28/2025 Analyzed: 10/30/2025						
Antimony	0.053	0.00050	mg/L	0.05000	0.00010	106	70-130			
Uranium	0.054	0.00050	mg/L	0.05000	0.0050	98	70-130			
Batch 2510264 - EPA 200.7 (4.4)										
Blank (2510264-BLK1)				Prepared: 10/27/2025 Analyzed: 11/03/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.2	5.0	mg/L							
LCS (2510264-BS1)				Prepared: 10/27/2025 Analyzed: 11/03/2025						
Calcium	9.9	4.0	mg/L	10.00		99	85-115			
Magnesium	9.7	3.0	mg/L	10.00		97	85-115			
Potassium	9.7	5.0	mg/L	10.00		97	85-115			
Sodium	10	5.0	mg/L	10.00		101	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510264 - EPA 200.7 (4.4)										
LCS Dup (2510264-BSD1)				Prepared: 10/27/2025 Analyzed: 11/03/2025						
Calcium	9.8	4.0	mg/L	10.00		98	85-115	0.8	20	
Magnesium	9.5	3.0	mg/L	10.00		95	85-115	1	20	
Potassium	9.8	5.0	mg/L	10.00		98	85-115	1	20	
Sodium	10	5.0	mg/L	10.00		102	85-115	1	20	
Matrix Spike (2510264-MS1)		**Source: 25J0445-03**		Prepared: 10/27/2025 Analyzed: 11/03/2025						
Calcium	120	4.0	mg/L	10.00	110	65	70-130			M2
Magnesium	35	3.0	mg/L	10.00	25	91	70-130			
Potassium	16	5.0	mg/L	10.00	5.3	107	70-130			
Sodium	150	5.0	mg/L	10.00	150	48	70-130			M2
Matrix Spike (2510264-MS2)		**Source: 25J0445-04**		Prepared: 10/27/2025 Analyzed: 11/03/2025						
Calcium	110	4.0	mg/L	10.00	100	72	70-130			
Magnesium	34	3.0	mg/L	10.00	24	94	70-130			
Potassium	15	5.0	mg/L	10.00	4.9	105	70-130			
Sodium	140	5.0	mg/L	10.00	140	53	70-130			M2
Batch 2510287 - E200.8 (5.4)										
Blank (2510287-BLK1)				Prepared: 10/23/2025 Analyzed: 11/04/2025						
Antimony	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
LCS (2510287-BS1)				Prepared: 10/23/2025 Analyzed: 11/04/2025						
Antimony	0.051	0.00050	mg/L	0.05000		103	85-115			
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115			
LCS Dup (2510287-BSD1)				Prepared: 10/23/2025 Analyzed: 11/04/2025						
Antimony	0.051	0.00050	mg/L	0.05000		103	85-115	0.3	20	
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115	0.7	20	
Matrix Spike (2510287-MS1)		**Source: 25J0319-01**		Prepared: 10/23/2025 Analyzed: 11/04/2025						
Antimony	0.053	0.00050	mg/L	0.05000	0.000090	105	70-130			
Uranium	0.59	0.00050	mg/L	0.05000	0.40	375	70-130			M1
Matrix Spike (2510287-MS2)		**Source: 25J0319-02**		Prepared: 10/23/2025 Analyzed: 11/04/2025						
Antimony	0.052	0.00050	mg/L	0.05000	ND	103	70-130			
Uranium	0.10	0.00050	mg/L	0.05000	0.034	139	70-130			M1
Batch 2511002 - EPA 200.8 (5.4)										

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511002 - EPA 200.8 (5.4)										
Blank (2511002-BLK1)				Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	0.000035	0.00050	mg/L							
Cobalt	0.000011	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	0.000035	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2511002-BS1)				Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	0.096	0.040	mg/L	0.1000		96	85-115			
Antimony	0.052	0.00050	mg/L	0.05000		104	85-115			
Arsenic	0.050	0.00050	mg/L	0.05000		101	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.046	0.00025	mg/L	0.05000		92	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		99	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		101	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		100	85-115			
Copper	0.050	0.00050	mg/L	0.05000		100	85-115			
Lead	0.047	0.00050	mg/L	0.05000		95	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		100	85-115			
Molybdenum	0.051	0.00025	mg/L	0.05000		101	85-115			
Nickel	0.050	0.00050	mg/L	0.05000		99	85-115			
Selenium	0.052	0.0025	mg/L	0.05000		103	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		99	85-115			
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115			
Zinc	0.10	0.040	mg/L	0.1000		101	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511002 - EPA 200.8 (5.4)										
LCS Dup (2511002-BSD1)				Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	0.096	0.040	mg/L	0.1000		96	85-115	0.1	20	
Antimony	0.052	0.00050	mg/L	0.05000		103	85-115	0.6	20	
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Barium	0.052	0.00050	mg/L	0.05000		103	85-115	0.4	20	
Beryllium	0.046	0.00025	mg/L	0.05000		91	85-115	0.8	20	
Cadmium	0.049	0.00025	mg/L	0.05000		98	85-115	0.9	20	
Chromium	0.051	0.00050	mg/L	0.05000		101	85-115	0.4	20	
Cobalt	0.049	0.00025	mg/L	0.05000		99	85-115	0.7	20	
Copper	0.050	0.00050	mg/L	0.05000		100	85-115	0.1	20	
Lead	0.047	0.00050	mg/L	0.05000		93	85-115	2	20	
Manganese	0.050	0.00025	mg/L	0.05000		99	85-115	0.6	20	
Molybdenum	0.051	0.00025	mg/L	0.05000		101	85-115	0.4	20	
Nickel	0.050	0.00050	mg/L	0.05000		99	85-115	0.1	20	
Selenium	0.051	0.0025	mg/L	0.05000		103	85-115	0.4	20	
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115	0.6	20	
Uranium	0.052	0.00050	mg/L	0.05000		105	85-115	0.4	20	
Zinc	0.10	0.040	mg/L	0.1000		101	85-115	0.5	20	
Matrix Spike (2511002-MS1)		**Source: 25J0458-01**		Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	0.11	0.040	mg/L	0.1000	ND	105	70-130			
Antimony	0.054	0.00050	mg/L	0.05000	0.00014	107	70-130			
Arsenic	0.057	0.00050	mg/L	0.05000	0.00031	113	70-130			
Barium	0.077	0.00050	mg/L	0.05000	0.023	108	70-130			
Beryllium	0.050	0.00025	mg/L	0.05000	0.000078	100	70-130			
Cadmium	0.052	0.00025	mg/L	0.05000	0.000076	103	70-130			
Chromium	0.054	0.00050	mg/L	0.05000	0.00012	108	70-130			
Cobalt	0.054	0.00025	mg/L	0.05000	0.0023	102	70-130			
Copper	0.053	0.00050	mg/L	0.05000	0.0037	98	70-130			
Lead	0.050	0.00050	mg/L	0.05000	ND	101	70-130			
Manganese	ND	0.00025	mg/L	0.05000	ND		70-130			
Molybdenum	0.075	0.00025	mg/L	0.05000	0.022	106	70-130			
Nickel	0.065	0.00050	mg/L	0.05000	0.016	98	70-130			
Selenium	0.060	0.0025	mg/L	0.05000	0.00056	118	70-130			
Thallium	0.053	0.00050	mg/L	0.05000	0.000051	106	70-130			
Uranium	0.057	0.00050	mg/L	0.05000	0.0019	110	70-130			
Zinc	ND	0.040	mg/L	0.1000	ND		70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511002 - EPA 200.8 (5.4)										
Matrix Spike (2511002-MS2)		**Source: 25J0458-02**		Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	0.091	0.040	mg/L	0.1000	ND	91	70-130			
Antimony	0.055	0.00050	mg/L	0.05000	0.00012	109	70-130			
Arsenic	0.084	0.00050	mg/L	0.05000	0.016	136	70-130			M1
Barium	0.069	0.00050	mg/L	0.05000	0.017	106	70-130			
Beryllium	0.053	0.00025	mg/L	0.05000	0.000046	106	70-130			
Cadmium	0.051	0.00025	mg/L	0.05000	ND	103	70-130			
Chromium	0.056	0.00050	mg/L	0.05000	0.00016	112	70-130			
Cobalt	0.051	0.00025	mg/L	0.05000	0.00055	100	70-130			
Copper	0.055	0.00050	mg/L	0.05000	0.0072	95	70-130			
Lead	0.048	0.00050	mg/L	0.05000	0.000077	96	70-130			
Manganese	0.081	0.00025	mg/L	0.05000	0.032	98	70-130			
Molybdenum	0.55	0.00025	mg/L	0.05000	0.51	88	70-130			
Nickel	0.052	0.00050	mg/L	0.05000	0.0036	97	70-130			
Selenium	0.050	0.0025	mg/L	0.05000	0.0022	96	70-130			
Thallium	0.050	0.00050	mg/L	0.05000	0.000049	99	70-130			
Uranium	0.057	0.00050	mg/L	0.05000	0.0050	104	70-130			
Zinc	0.13	0.040	mg/L	0.1000	0.018	111	70-130			
Batch 2511007 - E200.7 (4.4)										
Blank (2511007-BLK1)				Prepared: 10/30/2025 Analyzed: 11/03/2025						
Iron	ND	0.30	mg/L							
LCS (2511007-BS1)				Prepared: 10/30/2025 Analyzed: 11/03/2025						
Iron	0.94	0.30	mg/L	1.000		94	85-115			
LCS Dup (2511007-BSD1)				Prepared: 10/30/2025 Analyzed: 11/03/2025						
Iron	0.92	0.30	mg/L	1.000		92	85-115	2	20	
Matrix Spike (2511007-MS1)		**Source: 25J0012-01**		Prepared: 10/30/2025 Analyzed: 11/03/2025						
Iron	0.93	0.30	mg/L	1.000	0.022	91	70-130			
Matrix Spike (2511007-MS2)		**Source: 25J0350-01**		Prepared: 10/30/2025 Analyzed: 11/03/2025						
Iron	1.3	0.30	mg/L	1.000	0.32	97	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510164 - SM4500-H+ B										
Duplicate (2510164-DUP1)		**Source: 25J0484-02**		Prepared & Analyzed: 10/17/2025						
pH (pH Units)	7.0		-		7.0			0.3	200	H5
Temperature (°C)	23		-		22			2	200	H5
Duplicate (2510164-DUP2)		**Source: 25J0448-02**		Prepared & Analyzed: 10/17/2025						
pH (pH Units)	7.4		-		7.4			0.3	200	H5
Temperature (°C)	23		-		22			0.9	200	H5
Batch 2510196 - SM2540 C										
Duplicate (2510196-DUP1)		**Source: 25J0453-01**		Prepared: 10/22/2025 Analyzed: 10/29/2025						
Total Dissolved Solids (Residue, Filterable)	470	20	mg/L		470			0.4	5	
Duplicate (2510196-DUP2)		**Source: 25J0457-01**		Prepared: 10/22/2025 Analyzed: 10/29/2025						
Total Dissolved Solids (Residue, Filterable)	590	20	mg/L		590			0	5	
Batch 2510233 - SM2320B										
Blank (2510233-BLK1)				Prepared & Analyzed: 10/26/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2510233-BS1)				Prepared & Analyzed: 10/26/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110			
LCS Dup (2510233-BSD1)				Prepared & Analyzed: 10/26/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		98	90-110	0.8	10	
Matrix Spike (2510233-MS1)		**Source: 25J0467-03**		Prepared & Analyzed: 10/26/2025						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	26	98	70-130			
Matrix Spike Dup (2510233-MSD1)		**Source: 25J0467-03**		Prepared & Analyzed: 10/26/2025						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	26	96	70-130	1	10	
Batch 2510234 - SM2320B										
Blank (2510234-BLK1)				Prepared & Analyzed: 10/30/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2510234-BS1)				Prepared & Analyzed: 10/30/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110			
LCS Dup (2510234-BSD1)				Prepared & Analyzed: 10/30/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		98	90-110	0.8	10	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510234 - SM2320B										
Matrix Spike (2510234-MS1)		**Source: 25J0631-04**		Prepared & Analyzed: 10/30/2025						
Alkalinity, Total (As CaCO3)	290	2.0	mg/L	250.0	50	98	70-130			
Matrix Spike Dup (2510234-MSD1)		**Source: 25J0631-04**		Prepared & Analyzed: 10/30/2025						
Alkalinity, Total (As CaCO3)	290	2.0	mg/L	250.0	50	97	70-130	0.7	10	
Batch 2510239 - EPA 351.2										
Blank (2510239-BLK1)				Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2510239-BS1)				Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.3	0.50	mg/L	5.000		106	80-120			
LCS Dup (2510239-BSD1)				Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000		104	80-120	1	20	
Matrix Spike (2510239-MS1)		**Source: 25J0484-03**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	0.38	97	80-120			
Matrix Spike (2510239-MS2)		**Source: 25J0579-02**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.36	95	80-120			
Matrix Spike Dup (2510239-MSD1)		**Source: 25J0484-03**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000	0.38	101	80-120	4	20	
Matrix Spike Dup (2510239-MSD2)		**Source: 25J0579-02**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.36	95	80-120	0.4	20	
Batch 2510254 - SM 4500-NH3 B, F										
Blank (2510254-BLK1)				Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2510254-BS1)				Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		110	90-110			
LCS Dup (2510254-BSD1)				Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	2.8	0.50	mg/L	2.500		111	90-110	1	10	L5
Matrix Spike (2510254-MS1)		**Source: 25J0543-01**		Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	3.6	0.50	mg/L	2.500	ND	145	80-120			M1
Matrix Spike Dup (2510254-MSD1)		**Source: 25J0543-01**		Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	3.6	0.50	mg/L	2.500	ND	142	80-120	2	20	M1
Batch 2510265 - SM4500-CN BE										
Blank (2510265-BLK1)				Prepared: 10/29/2025 Analyzed: 10/30/2025						
Cyanide	ND	0.10	mg/L							
LCS (2510265-BS1)				Prepared: 10/29/2025 Analyzed: 10/30/2025						
Cyanide	1.9	0.10	mg/L	2.000		95	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510265 - SM4500-CN BE										
LCS Dup (2510265-BSD1)				Prepared: 10/29/2025 Analyzed: 10/30/2025						
Cyanide	1.9	0.10	mg/L	2.000		93	85-115	3	15	
Matrix Spike (2510265-MS1)		**Source: 25J0579-02**		Prepared: 10/29/2025 Analyzed: 10/30/2025						
Cyanide	1.8	0.10	mg/L	2.000	ND	91	80-120			
Matrix Spike Dup (2510265-MSD1)		**Source: 25J0579-02**		Prepared: 10/29/2025 Analyzed: 10/30/2025						
Cyanide	1.3	0.10	mg/L	2.000	ND	66	80-120	31	15	M2

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510190 - SW8260B										
Blank (2510190-BLK1)				Prepared & Analyzed: 10/21/2025						
Benzene	0.087	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.063	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*63.8*		*ug/L*	*50.00*		*128*	*70-130*			
Surrogate: Dibromofluoromethane	*38.2*		*ug/L*	*50.00*		*76*	*70-130*			
Surrogate: Toluene-d8	*43.7*		*ug/L*	*50.00*		*87*	*70-130*			
LCS (2510190-BS1)				Prepared & Analyzed: 10/21/2025						
1,1-Dichloroethene	47	0.50	ug/L	50.00		95	70-130			
Benzene	47	0.50	ug/L	50.00		94	70-130			
Chlorobenzene	48	0.50	ug/L	50.00		96	70-130			
Toluene	51	0.50	ug/L	50.00		102	70-130			
Trichloroethene	46	0.50	ug/L	50.00		92	70-130			
Surrogate: 4-Bromofluorobenzene	*63.5*		*ug/L*	*50.00*		*127*	*70-130*			
Surrogate: Dibromofluoromethane	*39.3*		*ug/L*	*50.00*		*79*	*70-130*			
Surrogate: Toluene-d8	*46.6*		*ug/L*	*50.00*		*93*	*70-130*			
LCS Dup (2510190-BSD1)				Prepared & Analyzed: 10/21/2025						
1,1-Dichloroethene	51	0.50	ug/L	50.00		102	70-130	7	30	
Benzene	49	0.50	ug/L	50.00		99	70-130	5	30	
Chlorobenzene	51	0.50	ug/L	50.00		102	70-130	7	30	
Toluene	53	0.50	ug/L	50.00		105	70-130	3	30	
Trichloroethene	48	0.50	ug/L	50.00		96	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*63.4*		*ug/L*	*50.00*		*127*	*70-130*			
Surrogate: Dibromofluoromethane	*39.0*		*ug/L*	*50.00*		*78*	*70-130*			
Surrogate: Toluene-d8	*45.4*		*ug/L*	*50.00*		*91*	*70-130*			
Matrix Spike (2510190-MS1)	**Source: 25J0424-01**			Prepared: 10/21/2025 Analyzed: 10/22/2025						
1,1-Dichloroethene	52	0.50	ug/L	50.00	ND	104	70-130			
Benzene	53	0.50	ug/L	50.00	0.063	105	70-130			
Chlorobenzene	51	0.50	ug/L	50.00	0.084	102	70-130			
Toluene	54	0.50	ug/L	50.00	ND	109	70-130			
Trichloroethene	50	0.50	ug/L	50.00	ND	99	70-130			
Surrogate: 4-Bromofluorobenzene	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*49.0*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			
Matrix Spike (2510190-MS2)	**Source: 25J0484-01**			Prepared: 10/21/2025 Analyzed: 10/22/2025						
1,1-Dichloroethene	48	0.50	ug/L	50.00	ND	96	70-130			
Benzene	52	0.50	ug/L	50.00	ND	105	70-130			
Chlorobenzene	50	0.50	ug/L	50.00	ND	101	70-130			
Toluene	52	0.50	ug/L	50.00	ND	105	70-130			
Trichloroethene	47	0.50	ug/L	50.00	ND	94	70-130			
Surrogate: 4-Bromofluorobenzene	*52.2*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*50.5*		*ug/L*	*50.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*52.1*		*ug/L*	*50.00*		*104*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510190 - SW8260B										
Matrix Spike Dup (2510190-MSD1)	**Source: 25J0424-01**			Prepared: 10/21/2025 Analyzed: 10/22/2025						
1,1-Dichloroethene	56	0.50	ug/L	50.00	ND	111	70-130	6	30	
Benzene	56	0.50	ug/L	50.00	0.063	112	70-130	6	30	
Chlorobenzene	54	0.50	ug/L	50.00	0.084	108	70-130	5	30	
Toluene	57	0.50	ug/L	50.00	ND	114	70-130	5	30	
Trichloroethene	51	0.50	ug/L	50.00	ND	103	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*48.9*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*52.6*		*ug/L*	*50.00*		*105*	*70-130*			
Matrix Spike Dup (2510190-MSD2)	**Source: 25J0484-01**			Prepared: 10/21/2025 Analyzed: 10/22/2025						
1,1-Dichloroethene	52	0.50	ug/L	50.00	ND	105	70-130	8	30	
Benzene	53	0.50	ug/L	50.00	ND	107	70-130	2	30	
Chlorobenzene	51	0.50	ug/L	50.00	ND	103	70-130	2	30	
Toluene	54	0.50	ug/L	50.00	ND	107	70-130	2	30	
Trichloroethene	49	0.50	ug/L	50.00	ND	98	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*55.0*		*ug/L*	*50.00*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*49.6*		*ug/L*	*50.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*51.4*		*ug/L*	*50.00*		*103*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0534
Date Received: 10/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510161 - EPA 300.0 (2.1)										
Blank (2510161-BLK1)				Prepared & Analyzed: 10/17/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2510161-BS1)				Prepared & Analyzed: 10/17/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110			
Fluoride	2.0	0.50	mg/L	2.000		99	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		97	90-110			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		98	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2510161-BSD1)				Prepared & Analyzed: 10/17/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110	0.05	10	
Fluoride	2.0	0.50	mg/L	2.000		99	90-110	0.04	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		97	90-110	0.05	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		98	90-110	0.2	10	
Sulfate	13	5.0	mg/L	12.50		104	90-110	0.09	10	
Matrix Spike (2510161-MS1)	**Source: 25J0534-02**			Prepared: 10/17/2025 Analyzed: 10/24/2025						
Chloride	24	1.0	mg/L	12.50	11	105	80-120			
Fluoride	3.0	0.50	mg/L	2.000	1.2	87	80-120			
Nitrogen, Nitrate (As N)	5.3	0.50	mg/L	5.000	0.53	95	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	27	5.0	mg/L	12.50	17	82	80-120			
Matrix Spike (2510161-MS2)	**Source: 25J0534-03**			Prepared: 10/17/2025 Analyzed: 10/24/2025						
Chloride	23	1.0	mg/L	12.50	10	104	80-120			
Fluoride	2.7	0.50	mg/L	2.000	0.91	90	80-120			
Nitrogen, Nitrate (As N)	6.4	0.50	mg/L	5.000	1.5	98	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	74	5.0	mg/L	12.50	63	88	80-120			
Matrix Spike Dup (2510161-MSD1)	**Source: 25J0534-02**			Prepared: 10/17/2025 Analyzed: 10/24/2025						
Chloride	24	1.0	mg/L	12.50	11	105	80-120	0.1	10	
Fluoride	3.0	0.50	mg/L	2.000	1.2	88	80-120	0.3	10	
Nitrogen, Nitrate (As N)	5.3	0.50	mg/L	5.000	0.53	95	80-120	0.2	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120	0.2	10	
Sulfate	27	5.0	mg/L	12.50	17	82	80-120	0.07	10	
Matrix Spike Dup (2510161-MSD2)	**Source: 25J0534-03**			Prepared: 10/17/2025 Analyzed: 10/24/2025						
Chloride	23	1.0	mg/L	12.50	10	104	80-120	0.3	10	
Fluoride	2.7	0.50	mg/L	2.000	0.91	90	80-120	0.2	10	
Nitrogen, Nitrate (As N)	6.4	0.50	mg/L	5.000	1.5	98	80-120	0.02	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120	0.4	10	
Sulfate	74	5.0	mg/L	12.50	63	88	80-120	0.09	10	

TURNER LABORATORIES INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 36105[illegible] DATE _____ PAGE _____ OF _____

PROJECT NAME _____ # _____

CONTACT NAME _____

COMPANY NAME COPPER WORLD INC

ADDRESS _____

ZIP _____ PHONE _____ EMAIL _____

SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS
POC-08	10/10/25	12:32		GW	9
POC-09	10/10/25	15:10		GW	9
POC-10	10/10/25	10:20		GW	9
POC-10 DUP	10/10/25	10:40		GW	9

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

Base Neutrals ☐ 625/8270 Acids ☐ Volatile Organics ☐ 624 ☐ 524.2 ☐ 8260 TTHMS ☐ HAA5 ☐ Chloride ☐ Sulfate ☐ Resistivity ☐ NO3 ☐ NO2 ☐ TKN ☐ TPH ☐ 1664 ☐ Oil & Grease VOA ☐ TCLP Analysis Semi-VOA ☐ Pest. ☐ Metals TCLP ☐ Dissolved ☐ Total ☐ RCRA8 ☐ Total ☐ Cyanide ☐ Amen. ☐ WAD ☐ SDWA-INORGANICS PRIMARY ☐ SECONDARY ☐ MPN ☐ Coliform ☐ PA ☐ pH ☐ Fecal ☐ O, G ☐ COD ☐ Turb ☐ TSS ☐ BOD ☐

1. RELINQUISHED BY:
A. Colmenero
Signature
Alejandro Colmenero
Printed Name
Piteau
Firm
10/16/2025 1052
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
___ Standard (approx. 10 days)*
___ Next Day ___ 2 Day ___ 5 Day*
___ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
___ I. Routine Report
___ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
___ III. Data Validation Report (Includes All Raw Data) Add 10% to Invoice

INVOICE INFORMATION:
Account ___ Y ___ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers 36
Temperature 2.1 °C
☒ Wet Ice
☐ Ambient
☐ Blue Ice
IR # 45

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Printed Name
TURNER LABORATORIES, INC.
Firm
10/16/25 1753
Date/Time

* LEGEND SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☐
COC / Labels Agree ☐

Preservation Confirmation ☐
Appropriate Head Space ☐
Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:
acolmenero@piteau.com

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 16, 2025
Sample Received: October 20, 2025
Analysis Completed: November 10, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0534-01	< 2.6	< 0.8	< 2.6	8.8 ± 1.2	< 0.4	< 0.9	< 0.9

Analysis Date/Time	10/30/2025	10/29/2025	10/30/2025	10/30/2025	11/5/2025	11/5/2025	11/5/2025
	03:29	12:04	03:29	14:12	20:25	20:25	20:25

November 10, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 16, 2025
Sample Received: October 20, 2025
Uranium Analysis Date: October 29, 2025
Uranium Analysis Time: 12:04

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0534-01	< 0.6	< 0.004	< 0.6	< 0.8	Activity (pCi/L)
	< 1.7	< 0.001	< 0.00009	< 1.7	Content (µg/L)
	Comments:				

November 10, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 16, 2025 (Sample Date) 12:32 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/30/2025	< 2.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/30/2025	< 2.6		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	10/29/2025	< 1.7	µg/L	
			Uranium 234	4007	10/29/2025	< 0.00009		
			Uranium 235	4008	10/29/2025	< 0.001		
			Uranium 238	4009	10/29/2025	< 1.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/5/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/5/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/5/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78412

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0534-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 16, 2025 (Sample Date) 12:32 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/30/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78412

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0534-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 16, 2025
Sample Received: October 20, 2025
Analysis Completed: November 10, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0534-02	5.3 ± 0.5	4.0 ± 0.7	1.3 ± 0.9	7.6 ± 1.3	0.9 ± 0.2	1.2 ± 0.4	2.1 ± 0.4

Analysis Date/Time	10/30/2025	10/29/2025	10/30/2025	10/30/2025	11/6/2025	11/6/2025	11/6/2025
	05:09	9:44	05:09	14:12	0:26	0:26	0:26

November 10, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 16, 2025
Sample Received: October 20, 2025
Uranium Analysis Date: October 29, 2025
Uranium Analysis Time: 9:44

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0534-02	1.4 ± 0.3	0.067 ± 0.002	2.5 ± 0.4	4.0 ± 0.7	Activity (pCi/L)
	4.3 ± 0.9	0.031 ± 0.001	0.00040 ± 0.00006	4.3 ± 0.9	Content (µg/L)
	Comments:				

November 10, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 16, 2025 (Sample Date) 15:10 (Sample Time) (24 hour clock) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring Date Q1 collected: _____

☐ Quarterly Date Q2 collected: _____

☐ Composite of four quarterly samples Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/30/2025	1.3 ± 0.9		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/30/2025	5.3 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	10/29/2025	4.3 ± 0.9	µg/L	
			Uranium 234	4007	10/29/2025	0.00040 ± 0.00006		
			Uranium 235	4008	10/29/2025	0.031 ± 0.001		
			Uranium 238	4009	10/29/2025	4.3 ± 0.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/6/2025	2.1 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/6/2025	0.9 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/6/2025	1.2 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78413

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0534-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 16, 2025 (Sample Date) 15:10 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/30/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78413

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0534-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 16, 2025
Sample Received: October 20, 2025
Analysis Completed: November 10, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0534-03	4.8 ± 0.5	2.9 ± 0.6	1.9 ± 0.8	10.9 ± 1.3	< 0.4	< 0.9	< 0.9

Analysis Date/Time	10/30/2025	10/29/2025	10/30/2025	10/31/2025	11/6/2025	11/6/2025	11/6/2025
	06:49	12:18	06:49	9:15	4:27	4:27	4:27

November 10, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 16, 2025
Sample Received: October 20, 2025
Uranium Analysis Date: October 29, 2025
Uranium Analysis Time: 12:18

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0534-03	0.8 ± 0.2	0.038 ± 0.002	2.0 ± 0.4	2.9 ± 0.6	Activity (pCi/L)
	2.4 ± 0.7	0.018 ± 0.001	0.00033 ± 0.00006	2.5 ± 0.7	Content (µg/L)
	Comments:				

November 10, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 16, 2025 (Sample Date) 10:20 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/30/2025	1.9 ± 0.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/30/2025	4.8 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	10/29/2025	2.5 ± 0.7	µg/L	
			Uranium 234	4007	10/29/2025	0.00033 ± 0.00006		
			Uranium 235	4008	10/29/2025	0.018 ± 0.001		
			Uranium 238	4009	10/29/2025	2.4 ± 0.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/6/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/6/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/6/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78414

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0534-03

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 16, 2025 (Sample Date) 10:20 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/31/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78414

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0534-03

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 16, 2025
Sample Received: October 20, 2025
Analysis Completed: November 10, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0534-04	4.7 ± 0.5	3.7 ± 0.7	1.0 ± 0.9	11.9 ± 1.4	< 0.4	< 0.9	< 0.9

Analysis Date/Time	10/30/2025	10/29/2025	10/30/2025	10/31/2025	11/6/2025	11/6/2025	11/6/2025
	08:29	12:34	08:29	9:15	8:29	8:29	8:29

November 10, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 16, 2025
Sample Received: October 20, 2025
Uranium Analysis Date: October 29, 2025
Uranium Analysis Time: 12:34

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0534-04	1.5 ± 0.3	0.068 ± 0.002	2.2 ± 0.4	3.7 ± 0.7	Activity (pCi/L)
	4.3 ± 0.9	0.032 ± 0.001	0.00036 ± 0.00006	4.4 ± 0.9	Content (µg/L)
	Comments:				

November 10, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 16, 2025 (Sample Date) 10:40 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/30/2025	1.0 ± 0.9		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/30/2025	4.7 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	10/29/2025	4.4 ± 0.9	µg/L	
			Uranium 234	4007	10/29/2025	0.00036 ± 0.00006		
			Uranium 235	4008	10/29/2025	0.032 ± 0.001		
			Uranium 238	4009	10/29/2025	4.3 ± 0.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/6/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/6/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/6/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78415

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0534-04

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 16, 2025 (Sample Date) 10:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/31/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

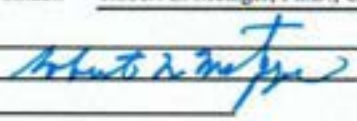
Specimen Number: RSE78415

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0534-04

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25J0534

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25J0534-01 Non-Potable Wa Sampled:10/16/2025 12:32			
Radiochemistry, Uranium	04/14/2026 12:32		
Radiochemistry, Radium 226/228	11/15/2025 12:32		
Radiochemistry, Gross Alpha Beta	04/14/2026 12:32		78412
Containers Supplied:			
Sample ID: 25J0534-02 Non-Potable Wa Sampled:10/16/2025 15:10			
Radiochemistry, Uranium	04/14/2026 15:10		
Radiochemistry, Radium 226/228	11/15/2025 15:10		
Radiochemistry, Gross Alpha Beta	04/14/2026 15:10		78413
Containers Supplied:			
Sample ID: 25J0534-03 Non-Potable Wa Sampled:10/16/2025 10:20			
Radiochemistry, Uranium	04/14/2026 10:20		
Radiochemistry, Radium 226/228	11/15/2025 10:20		
Radiochemistry, Gross Alpha Beta	04/14/2026 10:20		78414
Containers Supplied:			
Sample ID: 25J0534-04 Non-Potable Wa Sampled:10/16/2025 10:40			
Radiochemistry, Uranium	04/14/2026 10:40		
Radiochemistry, Radium 226/228	11/15/2025 10:40		
Radiochemistry, Gross Alpha Beta	04/14/2026 10:40		78415
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	10/17/25 1600	UPS	10/17/25 1600
Released By	Date	Received By	Date
		MK	10/20/25 12:05

November 15, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25J0579

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 3 sample(s) on 10/20/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0579
Date Received: 10/20/2025

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25J0579-01	POC-07	Ground Water	10/20/2025 1155
25J0579-02	Field Blank	Ground Water	10/20/2025 1354
25J0579-03	Trip blank	Trip Blank	10/20/2025 0000

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0579
Date Received: 10/20/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
L5	The associated blank spike recovery was above laboratory/method acceptance limits. This analyte was not detected in the sample.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
R9	Sample RPD exceeded the laboratory acceptance limit.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 11/15/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0579
Lab Sample ID: 25J0579-01

Client Sample ID: POC-07
Collection Date/Time: 10/20/2025 1155
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	10/31/2025 1130	10/31/2025 1452	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	10/20/2025 1555	10/21/2025 0500	ES
ICP Total Metals-E200.7 (4.4)									
Iron	0.15	0.020	0.30	E4	mg/L	1	10/30/2025 1041	11/03/2025 1927	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0010		0.00050		mg/L	1	10/23/2025 0800	11/04/2025 1439	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	130		4.0		mg/L	1	11/03/2025 0800	11/13/2025 1323	RAR
Magnesium	14		3.0		mg/L	1	11/03/2025 0800	11/13/2025 1323	RAR
Potassium	9.1		5.0		mg/L	1	11/03/2025 0800	11/13/2025 1323	RAR
Sodium	7.8		5.0		mg/L	1	11/03/2025 0800	11/13/2025 1323	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Antimony	0.000088	0.000039	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Arsenic	0.015		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Barium	0.044		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Chromium	0.000064	0.000023	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Cobalt	0.00022	0.000010	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Copper	0.00023	0.00015	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Manganese	0.43		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Molybdenum	0.033		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Nickel	0.0015		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Selenium	0.00073	0.00025	0.0025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
Uranium	0.0012		0.00050		mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0579
Lab Sample ID: 25J0579-01

Client Sample ID: POC-07
Collection Date/Time: 10/20/2025 1155
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	ND	0.0023	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1415	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	10/31/2025 1645	11/04/2025 1004	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10		1.0		mg/L	1	10/20/2025 1555	10/21/2025 0500	ES
Fluoride	0.51		0.50		mg/L	1	10/20/2025 1555	10/21/2025 0500	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	10/20/2025 1555	10/21/2025 0500	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	10/20/2025 1555	10/21/2025 0500	ES
Sulfate	220		50		mg/L	10	10/20/2025 1555	10/24/2025 2005	ACG
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	10/31/2025 1130	10/31/2025 1452	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8, L5	mg/L	1	10/28/2025 1055	10/28/2025 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	160		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Total (As CaCO3)	160		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	570		20		mg/L	1	10/22/2025 0800	10/29/2025 0918	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	10/29/2025 1049	10/30/2025 1550	SJS
pH-SM4500-H+ B									

Turner Laboratories, Inc.

Date: 11/15/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0579
Lab Sample ID: 25J0579-01

Client Sample ID: POC-07
Collection Date/Time: 10/20/2025 1155
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.5			H5	-	1	10/30/2025 1540	10/30/2025 1550	IM
Temperature (°C)	21			H5	-	1	10/30/2025 1540	10/30/2025 1550	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/03/2025 1536	11/03/2025 1931	ES
Carbon disulfide	0.53	0.11	2.0	E4	ug/L	1	11/03/2025 1536	11/03/2025 1931	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/03/2025 1536	11/03/2025 1931	ES
Toluene	0.23	0.057	0.50	E4	ug/L	1	11/03/2025 1536	11/03/2025 1931	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/03/2025 1536	11/03/2025 1931	ES
Surr: 4-Bromofluorobenzene	*93*	*70-130*			*%REC*	*1*	*11/03/2025 1536*	*11/03/2025 1931*	*ES*
Surr: Dibromofluoromethane	*81*	*70-130*			*%REC*	*1*	*11/03/2025 1536*	*11/03/2025 1931*	*ES*
Surr: Toluene-d8	*83*	*70-130*			*%REC*	*1*	*11/03/2025 1536*	*11/03/2025 1931*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0579
Lab Sample ID: 25J0579-02

Client Sample ID: Field Blank
Collection Date/Time: 10/20/2025 1354
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	10/20/2025 1555	10/21/2025 0523	ES
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	10/30/2025 1041	11/03/2025 1930	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.000034		0.00050		mg/L	1	10/23/2025 0800	11/04/2025 1442	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	ND	0.13	4.0	E8	mg/L	1	11/03/2025 0800	11/13/2025 1329	RAR
Magnesium	ND	0.10	3.0	E8	mg/L	1	11/03/2025 0800	11/13/2025 1329	RAR
Potassium	ND	0.14	5.0	E8	mg/L	1	11/03/2025 0800	11/13/2025 1329	RAR
Sodium	1.0	0.58	5.0	E4	mg/L	1	11/03/2025 0800	11/13/2025 1329	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1337	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1337	RAR
Arsenic	ND	0.00010	0.00050	E8	mg/L	1	10/29/2025 0800	11/11/2025 1651	RAR
Barium	0.00067		0.00050		mg/L	1	10/29/2025 0800	11/11/2025 1651	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	10/29/2025 0800	11/13/2025 1337	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	10/29/2025 0800	11/11/2025 1651	RAR
Chromium	0.000079	0.000023	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1337	RAR
Cobalt	0.000017	0.000010	0.00025	E4	mg/L	1	10/29/2025 0800	11/13/2025 1337	RAR
Copper	ND	0.00015	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1337	RAR
Lead	0.00021	0.000057	0.00050	E4	mg/L	1	10/29/2025 0800	11/11/2025 1651	RAR
Manganese	0.00033		0.00025		mg/L	1	10/29/2025 0800	11/13/2025 1337	RAR
Molybdenum	0.00030		0.00025		mg/L	1	10/29/2025 0800	11/11/2025 1651	RAR
Nickel	ND	0.000015	0.00050	E8	mg/L	1	10/29/2025 0800	11/13/2025 1337	RAR
Selenium	ND	0.00025	0.0025	E8	mg/L	1	10/29/2025 0800	11/11/2025 1651	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	10/29/2025 0800	11/11/2025 1651	RAR
Uranium	0.000028	0.000015	0.00050	E4	mg/L	1	10/29/2025 0800	11/13/2025 1337	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	10/29/2025 0800	11/13/2025 1337	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0579
Lab Sample ID: 25J0579-02

Client Sample ID: Field Blank
Collection Date/Time: 10/20/2025 1354
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	0.00030	0.00015	0.0010	E4	mg/L	1	10/31/2025 1645	11/04/2025 1028	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	ND	0.75	1.0	E8	mg/L	1	10/20/2025 1555	10/21/2025 0523	ES
Fluoride	ND	0.18	0.50	E8	mg/L	1	10/20/2025 1555	10/21/2025 0523	ES
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	10/20/2025 1555	10/21/2025 0523	ES
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	10/20/2025 1555	10/21/2025 0523	ES
Sulfate	2.9	2.8	5.0	E4	mg/L	1	10/20/2025 1555	10/21/2025 0523	ES
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.36	0.30	0.50	E4	mg/L	1	10/27/2025 0820	10/27/2025 1047	ES
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8, L5	mg/L	1	10/28/2025 1055	10/28/2025 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	22		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Alkalinity, Total (As CaCO3)	22		2.0		mg/L	1	10/30/2025 1039	10/30/2025 1603	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	ND		20		mg/L	1	10/22/2025 0800	10/29/2025 0918	RAR
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8, M2	mg/L	1	10/29/2025 1049	10/30/2025 1550	SJS
pH-SM4500-H+ B									
pH (pH Units)	5.7			H5	-	1	10/30/2025 1540	10/30/2025 1552	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0579
Lab Sample ID: 25J0579-02

Client Sample ID: Field Blank
Collection Date/Time: 10/20/2025 1354
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	21			H5	-	1	10/30/2025 1540	10/30/2025 1552	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/03/2025 1536	11/03/2025 2007	ES
Carbon disulfide	0.16	0.11	2.0	E4	ug/L	1	11/03/2025 1536	11/03/2025 2007	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/03/2025 1536	11/03/2025 2007	ES
Toluene	0.065	0.057	0.50	E4	ug/L	1	11/03/2025 1536	11/03/2025 2007	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/03/2025 1536	11/03/2025 2007	ES
Surr: 4-Bromofluorobenzene	*88*	*70-130*			*%REC*	*1*	*11/03/2025 1536*	*11/03/2025 2007*	*ES*
Surr: Dibromofluoromethane	*77*	*70-130*			*%REC*	*1*	*11/03/2025 1536*	*11/03/2025 2007*	*ES*
Surr: Toluene-d8	*78*	*70-130*			*%REC*	*1*	*11/03/2025 1536*	*11/03/2025 2007*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0579
Lab Sample ID: 25J0579-03

Client Sample ID: Trip blank
Collection Date/Time: 10/20/2025 0000
Matrix: Trip Blank

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/03/2025 1536	11/03/2025 1631	ES
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	11/03/2025 1536	11/03/2025 1631	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/03/2025 1536	11/03/2025 1631	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	11/03/2025 1536	11/03/2025 1631	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/03/2025 1536	11/03/2025 1631	ES
Surr: 4-Bromofluorobenzene	*122*	*70-130*			*%REC*	*1*	*11/03/2025 1536*	*11/03/2025 1631*	*ES*
Surr: Dibromofluoromethane	*107*	*70-130*			*%REC*	*1*	*11/03/2025 1536*	*11/03/2025 1631*	*ES*
Surr: Toluene-d8	*109*	*70-130*			*%REC*	*1*	*11/03/2025 1536*	*11/03/2025 1631*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0579
Date Received: 10/20/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510287 - E200.8 (5.4)										
Blank (2510287-BLK1)				Prepared: 10/23/2025 Analyzed: 11/04/2025						
Uranium	ND	0.00050	mg/L							
LCS (2510287-BS1)				Prepared: 10/23/2025 Analyzed: 11/04/2025						
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115			
LCS Dup (2510287-BSD1)				Prepared: 10/23/2025 Analyzed: 11/04/2025						
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115	0.7	20	
Matrix Spike (2510287-MS1)		**Source: 25J0319-01**		Prepared: 10/23/2025 Analyzed: 11/04/2025						
Uranium	0.59	0.00050	mg/L	0.05000	0.40	375	70-130			M1
Matrix Spike (2510287-MS2)		**Source: 25J0319-02**		Prepared: 10/23/2025 Analyzed: 11/04/2025						
Uranium	0.10	0.00050	mg/L	0.05000	0.034	139	70-130			M1
Batch 2510299 - EPA 245.1										
Blank (2510299-BLK1)				Prepared: 10/31/2025 Analyzed: 11/04/2025						
Mercury	ND	0.0010	mg/L							
LCS (2510299-BS1)				Prepared: 10/31/2025 Analyzed: 11/04/2025						
Mercury	0.0052	0.0010	mg/L	0.005000		104	85-115			
LCS Dup (2510299-BSD1)				Prepared: 10/31/2025 Analyzed: 11/04/2025						
Mercury	0.0052	0.0010	mg/L	0.005000		104	85-115	0.4	20	
Matrix Spike (2510299-MS1)		**Source: 25J0579-01**		Prepared: 10/31/2025 Analyzed: 11/04/2025						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	99	70-130			
Matrix Spike (2510299-MS2)		**Source: 25J0579-02**		Prepared: 10/31/2025 Analyzed: 11/04/2025						
Mercury	0.0050	0.0010	mg/L	0.005000	0.00030	94	70-130			
Matrix Spike Dup (2510299-MSD1)		**Source: 25J0579-01**		Prepared: 10/31/2025 Analyzed: 11/04/2025						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	98	70-130	0.2	20	
Matrix Spike Dup (2510299-MSD2)		**Source: 25J0579-02**		Prepared: 10/31/2025 Analyzed: 11/04/2025						
Mercury	0.0048	0.0010	mg/L	0.005000	0.00030	89	70-130	5	20	
Batch 2511002 - EPA 200.8 (5.4)										

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0579
Date Received: 10/20/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511002 - EPA 200.8 (5.4)										
Blank (2511002-BLK1)				Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	0.000035	0.00050	mg/L							
Cobalt	0.000011	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	0.000035	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2511002-BS1)				Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	0.096	0.040	mg/L	0.1000		96	85-115			
Antimony	0.052	0.00050	mg/L	0.05000		104	85-115			
Arsenic	0.050	0.00050	mg/L	0.05000		101	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.046	0.00025	mg/L	0.05000		92	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		99	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		101	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		100	85-115			
Copper	0.050	0.00050	mg/L	0.05000		100	85-115			
Lead	0.047	0.00050	mg/L	0.05000		95	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		100	85-115			
Molybdenum	0.051	0.00025	mg/L	0.05000		101	85-115			
Nickel	0.050	0.00050	mg/L	0.05000		99	85-115			
Selenium	0.052	0.0025	mg/L	0.05000		103	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		99	85-115			
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115			
Zinc	0.10	0.040	mg/L	0.1000		101	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0579
Date Received: 10/20/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511002 - EPA 200.8 (5.4)										
LCS Dup (2511002-BSD1)				Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	0.096	0.040	mg/L	0.1000		96	85-115	0.1	20	
Antimony	0.052	0.00050	mg/L	0.05000		103	85-115	0.6	20	
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Barium	0.052	0.00050	mg/L	0.05000		103	85-115	0.4	20	
Beryllium	0.046	0.00025	mg/L	0.05000		91	85-115	0.8	20	
Cadmium	0.049	0.00025	mg/L	0.05000		98	85-115	0.9	20	
Chromium	0.051	0.00050	mg/L	0.05000		101	85-115	0.4	20	
Cobalt	0.049	0.00025	mg/L	0.05000		99	85-115	0.7	20	
Copper	0.050	0.00050	mg/L	0.05000		100	85-115	0.1	20	
Lead	0.047	0.00050	mg/L	0.05000		93	85-115	2	20	
Manganese	0.050	0.00025	mg/L	0.05000		99	85-115	0.6	20	
Molybdenum	0.051	0.00025	mg/L	0.05000		101	85-115	0.4	20	
Nickel	0.050	0.00050	mg/L	0.05000		99	85-115	0.1	20	
Selenium	0.051	0.0025	mg/L	0.05000		103	85-115	0.4	20	
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115	0.6	20	
Uranium	0.052	0.00050	mg/L	0.05000		105	85-115	0.4	20	
Zinc	0.10	0.040	mg/L	0.1000		101	85-115	0.5	20	
Matrix Spike (2511002-MS1)		**Source: 25J0458-01**		Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	0.11	0.040	mg/L	0.1000	ND	105	70-130			
Antimony	0.054	0.00050	mg/L	0.05000	0.00014	107	70-130			
Arsenic	0.057	0.00050	mg/L	0.05000	0.00031	113	70-130			
Barium	0.077	0.00050	mg/L	0.05000	0.023	108	70-130			
Beryllium	0.050	0.00025	mg/L	0.05000	0.000078	100	70-130			
Cadmium	0.052	0.00025	mg/L	0.05000	0.000076	103	70-130			
Chromium	0.054	0.00050	mg/L	0.05000	0.00012	108	70-130			
Cobalt	0.054	0.00025	mg/L	0.05000	0.0023	102	70-130			
Copper	0.053	0.00050	mg/L	0.05000	0.0037	98	70-130			
Lead	0.050	0.00050	mg/L	0.05000	ND	101	70-130			
Manganese	ND	0.00025	mg/L	0.05000	ND		70-130			
Molybdenum	0.075	0.00025	mg/L	0.05000	0.022	106	70-130			
Nickel	0.065	0.00050	mg/L	0.05000	0.016	98	70-130			
Selenium	0.060	0.0025	mg/L	0.05000	0.00056	118	70-130			
Thallium	0.053	0.00050	mg/L	0.05000	0.000051	106	70-130			
Uranium	0.057	0.00050	mg/L	0.05000	0.0019	110	70-130			
Zinc	ND	0.040	mg/L	0.1000	ND		70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511002 - EPA 200.8 (5.4)										
Matrix Spike (2511002-MS2)		**Source: 25J0458-02**		Prepared: 10/29/2025 Analyzed: 11/11/2025						
Aluminum	0.091	0.040	mg/L	0.1000	ND	91	70-130			
Antimony	0.055	0.00050	mg/L	0.05000	0.00012	109	70-130			
Arsenic	0.084	0.00050	mg/L	0.05000	0.016	136	70-130			M1
Barium	0.069	0.00050	mg/L	0.05000	0.017	106	70-130			
Beryllium	0.053	0.00025	mg/L	0.05000	0.000046	106	70-130			
Cadmium	0.051	0.00025	mg/L	0.05000	ND	103	70-130			
Chromium	0.056	0.00050	mg/L	0.05000	0.00016	112	70-130			
Cobalt	0.051	0.00025	mg/L	0.05000	0.00055	100	70-130			
Copper	0.055	0.00050	mg/L	0.05000	0.0072	95	70-130			
Lead	0.048	0.00050	mg/L	0.05000	0.000077	96	70-130			
Manganese	0.081	0.00025	mg/L	0.05000	0.032	98	70-130			
Molybdenum	0.55	0.00025	mg/L	0.05000	0.51	88	70-130			
Nickel	0.052	0.00050	mg/L	0.05000	0.0036	97	70-130			
Selenium	0.050	0.0025	mg/L	0.05000	0.0022	96	70-130			
Thallium	0.050	0.00050	mg/L	0.05000	0.000049	99	70-130			
Uranium	0.057	0.00050	mg/L	0.05000	0.0050	104	70-130			
Zinc	0.13	0.040	mg/L	0.1000	0.018	111	70-130			
Batch 2511007 - E200.7 (4.4)										
Blank (2511007-BLK1)				Prepared: 10/30/2025 Analyzed: 11/03/2025						
Iron	ND	0.30	mg/L							
LCS (2511007-BS1)				Prepared: 10/30/2025 Analyzed: 11/03/2025						
Iron	0.94	0.30	mg/L	1.000		94	85-115			
LCS Dup (2511007-BSD1)				Prepared: 10/30/2025 Analyzed: 11/03/2025						
Iron	0.92	0.30	mg/L	1.000		92	85-115	2	20	
Matrix Spike (2511007-MS1)		**Source: 25J0012-01**		Prepared: 10/30/2025 Analyzed: 11/03/2025						
Iron	0.93	0.30	mg/L	1.000	0.022	91	70-130			
Matrix Spike (2511007-MS2)		**Source: 25J0350-01**		Prepared: 10/30/2025 Analyzed: 11/03/2025						
Iron	1.3	0.30	mg/L	1.000	0.32	97	70-130			
Batch 2511015 - EPA 200.7 (4.4)										
Blank (2511015-BLK1)				Prepared: 11/03/2025 Analyzed: 11/13/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.97	5.0	mg/L							
LCS (2511015-BS1)				Prepared: 11/03/2025 Analyzed: 11/13/2025						
Calcium	9.8	4.0	mg/L	10.00		98	85-115			
Magnesium	9.7	3.0	mg/L	10.00		97	85-115			
Potassium	10	5.0	mg/L	10.00		101	85-115			
Sodium	10	5.0	mg/L	10.00		104	85-115			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511015 - EPA 200.7 (4.4)										
LCS Dup (2511015-BSD1)				Prepared: 11/03/2025 Analyzed: 11/13/2025						
Calcium	9.9	4.0	mg/L	10.00		99	85-115	0.8	20	
Magnesium	9.8	3.0	mg/L	10.00		98	85-115	0.5	20	
Potassium	10	5.0	mg/L	10.00		103	85-115	2	20	
Sodium	11	5.0	mg/L	10.00		105	85-115	1	20	
Matrix Spike (2511015-MS1)		**Source: 25J0579-01**		Prepared: 11/03/2025 Analyzed: 11/13/2025						
Calcium	140	4.0	mg/L	10.00	130	83	70-130			
Magnesium	24	3.0	mg/L	10.00	14	99	70-130			
Potassium	19	5.0	mg/L	10.00	9.1	101	70-130			
Sodium	17	5.0	mg/L	10.00	7.8	93	70-130			
Matrix Spike (2511015-MS2)		**Source: 25J0579-02**		Prepared: 11/03/2025 Analyzed: 11/13/2025						
Calcium	9.6	4.0	mg/L	10.00	ND	96	70-130			
Magnesium	9.5	3.0	mg/L	10.00	ND	95	70-130			
Potassium	9.5	5.0	mg/L	10.00	ND	95	70-130			
Sodium	9.8	5.0	mg/L	10.00	1.0	88	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510196 - SM2540 C										
Duplicate (2510196-DUP1)		**Source: 25J0453-01**		Prepared: 10/22/2025 Analyzed: 10/29/2025						
Total Dissolved Solids (Residue, Filterable)	470	20	mg/L		470			0.4	5	
Duplicate (2510196-DUP2)		**Source: 25J0457-01**		Prepared: 10/22/2025 Analyzed: 10/29/2025						
Total Dissolved Solids (Residue, Filterable)	590	20	mg/L		590			0	5	
Batch 2510221 - SM4500-H+ B										
Duplicate (2510221-DUP1)		**Source: 25J0631-03**		Prepared & Analyzed: 10/30/2025						
pH (pH Units)	7.9		-		7.8			0.1	200	
Temperature (°C)	21		-		21			0.9	200	
Duplicate (2510221-DUP2)		**Source: 25J0665-04**		Prepared & Analyzed: 10/30/2025						
pH (pH Units)	7.7		-		7.7			0.1	200	
Temperature (°C)	22		-		22			0.9	200	
Batch 2510234 - SM2320B										
Blank (2510234-BLK1)				Prepared & Analyzed: 10/30/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2510234-BS1)				Prepared & Analyzed: 10/30/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110			
LCS Dup (2510234-BSD1)				Prepared & Analyzed: 10/30/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		98	90-110	0.8	10	
Matrix Spike (2510234-MS1)		**Source: 25J0631-04**		Prepared & Analyzed: 10/30/2025						
Alkalinity, Total (As CaCO3)	290	2.0	mg/L	250.0	50	98	70-130			
Matrix Spike Dup (2510234-MSD1)		**Source: 25J0631-04**		Prepared & Analyzed: 10/30/2025						
Alkalinity, Total (As CaCO3)	290	2.0	mg/L	250.0	50	97	70-130	0.7	10	
Batch 2510239 - EPA 351.2										
Blank (2510239-BLK1)				Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2510239-BS1)				Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.3	0.50	mg/L	5.000		106	80-120			
LCS Dup (2510239-BSD1)				Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000		104	80-120	1	20	
Matrix Spike (2510239-MS1)		**Source: 25J0484-03**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	0.38	97	80-120			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510239 - EPA 351.2										
Matrix Spike (2510239-MS2)		**Source: 25J0579-02**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.36	95	80-120			
Matrix Spike Dup (2510239-MSD1)		**Source: 25J0484-03**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000	0.38	101	80-120	4	20	
Matrix Spike Dup (2510239-MSD2)		**Source: 25J0579-02**		Prepared & Analyzed: 10/27/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.36	95	80-120	0.4	20	
Batch 2510254 - SM 4500-NH3 B, F										
Blank (2510254-BLK1)				Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2510254-BS1)				Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		110	90-110			
LCS Dup (2510254-BSD1)				Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	2.8	0.50	mg/L	2.500		111	90-110	1	10	L5
Matrix Spike (2510254-MS1)		**Source: 25J0543-01**		Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	3.6	0.50	mg/L	2.500	ND	145	80-120			M1
Matrix Spike Dup (2510254-MSD1)		**Source: 25J0543-01**		Prepared & Analyzed: 10/28/2025						
Nitrogen, Ammonia (As N)	3.6	0.50	mg/L	2.500	ND	142	80-120	2	20	M1
Batch 2510265 - SM4500-CN BE										
Blank (2510265-BLK1)				Prepared: 10/29/2025 Analyzed: 10/30/2025						
Cyanide	ND	0.10	mg/L							
LCS (2510265-BS1)				Prepared: 10/29/2025 Analyzed: 10/30/2025						
Cyanide	1.9	0.10	mg/L	2.000		95	85-115			
LCS Dup (2510265-BSD1)				Prepared: 10/29/2025 Analyzed: 10/30/2025						
Cyanide	1.9	0.10	mg/L	2.000		93	85-115	3	15	
Matrix Spike (2510265-MS1)		**Source: 25J0579-02**		Prepared: 10/29/2025 Analyzed: 10/30/2025						
Cyanide	1.8	0.10	mg/L	2.000	ND	91	80-120			
Matrix Spike Dup (2510265-MSD1)		**Source: 25J0579-02**		Prepared: 10/29/2025 Analyzed: 10/30/2025						
Cyanide	1.3	0.10	mg/L	2.000	ND	66	80-120	31	15	M2
Batch 2510291 - EPA 351.2										
Blank (2510291-BLK1)				Prepared & Analyzed: 10/31/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2510291-BS1)				Prepared & Analyzed: 10/31/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000		101	80-120			
LCS Dup (2510291-BSD1)				Prepared & Analyzed: 10/31/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000		101	80-120	0.4	20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510291 - EPA 351.2										
Matrix Spike (2510291-MS1)		**Source: 25J0579-01**		Prepared & Analyzed: 10/31/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	ND	100	80-120			
Matrix Spike (2510291-MS2)		**Source: 25J0633-03**		Prepared & Analyzed: 10/31/2025						
Nitrogen, Total Kjeldahl	4.8	0.50	mg/L	5.000	1.6	64	80-120			M2
Matrix Spike Dup (2510291-MSD1)		**Source: 25J0579-01**		Prepared & Analyzed: 10/31/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120	4	20	
Matrix Spike Dup (2510291-MSD2)		**Source: 25J0633-03**		Prepared & Analyzed: 10/31/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000	1.6	66	80-120	1	20	M2

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511011 - SW8260B										
Blank (2511011-BLK1)				Prepared & Analyzed: 11/03/2025						
Benzene	0.10	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.078	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*51.5*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*44.4*		*ug/L*	*50.00*		*89*	*70-130*			
Surrogate: Toluene-d8	*45.1*		*ug/L*	*50.00*		*90*	*70-130*			
LCS (2511011-BS1)				Prepared & Analyzed: 11/03/2025						
1,1-Dichloroethene	46	0.50	ug/L	50.00		92	70-130			
Benzene	48	0.50	ug/L	50.00		95	70-130			
Chlorobenzene	46	0.50	ug/L	50.00		91	70-130			
Toluene	48	0.50	ug/L	50.00		96	70-130			
Trichloroethene	44	0.50	ug/L	50.00		88	70-130			
Surrogate: 4-Bromofluorobenzene	*48.6*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Dibromofluoromethane	*42.5*		*ug/L*	*50.00*		*85*	*70-130*			
Surrogate: Toluene-d8	*43.8*		*ug/L*	*50.00*		*88*	*70-130*			
LCS Dup (2511011-BSD1)				Prepared & Analyzed: 11/03/2025						
1,1-Dichloroethene	48	0.50	ug/L	50.00		97	70-130	6	30	
Benzene	52	0.50	ug/L	50.00		105	70-130	9	30	
Chlorobenzene	50	0.50	ug/L	50.00		99	70-130	8	30	
Toluene	52	0.50	ug/L	50.00		104	70-130	8	30	
Trichloroethene	47	0.50	ug/L	50.00		94	70-130	7	30	
Surrogate: 4-Bromofluorobenzene	*52.7*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*47.9*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*47.8*		*ug/L*	*50.00*		*96*	*70-130*			
Matrix Spike (2511011-MS1)		**Source: 25J0632-01**		Prepared: 11/03/2025 Analyzed: 11/04/2025						
1,1-Dichloroethene	50	0.50	ug/L	50.00	ND	99	70-130			
Benzene	54	0.50	ug/L	50.00	ND	108	70-130			
Chlorobenzene	43	0.50	ug/L	50.00	ND	86	70-130			
Toluene	48	0.50	ug/L	50.00	ND	96	70-130			
Trichloroethene	44	0.50	ug/L	50.00	ND	87	70-130			
Surrogate: 4-Bromofluorobenzene	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*46.5*		*ug/L*	*50.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*44.4*		*ug/L*	*50.00*		*89*	*70-130*			
Matrix Spike (2511011-MS2)		**Source: 25J0665-01**		Prepared: 11/03/2025 Analyzed: 11/04/2025						
1,1-Dichloroethene	52	0.50	ug/L	50.00	ND	105	70-130			
Benzene	57	0.50	ug/L	50.00	ND	115	70-130			
Chlorobenzene	46	0.50	ug/L	50.00	ND	93	70-130			
Toluene	50	0.50	ug/L	50.00	ND	101	70-130			
Trichloroethene	47	0.50	ug/L	50.00	ND	94	70-130			
Surrogate: 4-Bromofluorobenzene	*55.9*		*ug/L*	*50.00*		*112*	*70-130*			
Surrogate: Dibromofluoromethane	*49.0*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*45.8*		*ug/L*	*50.00*		*92*	*70-130*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511011 - SW8260B										
Matrix Spike Dup (2511011-MSD1)	**Source: 25J0632-01**			Prepared: 11/03/2025 Analyzed: 11/04/2025						
1,1-Dichloroethene	67	0.50	ug/L	50.00	ND	134	70-130	30	30	M1
Benzene	73	0.50	ug/L	50.00	ND	145	70-130	29	30	M1
Chlorobenzene	57	0.50	ug/L	50.00	ND	115	70-130	29	30	
Toluene	64	0.50	ug/L	50.00	ND	127	70-130	28	30	
Trichloroethene	60	0.50	ug/L	50.00	ND	120	70-130	31	30	R9
Surrogate: 4-Bromofluorobenzene	*64.0*		*ug/L*	*50.00*		*128*	*70-130*			
Surrogate: Dibromofluoromethane	*55.6*		*ug/L*	*50.00*		*111*	*70-130*			
Surrogate: Toluene-d8	*52.7*		*ug/L*	*50.00*		*105*	*70-130*			
Matrix Spike Dup (2511011-MSD2)	**Source: 25J0665-01**			Prepared: 11/03/2025 Analyzed: 11/04/2025						
1,1-Dichloroethene	55	0.50	ug/L	50.00	ND	110	70-130	5	30	
Benzene	60	0.50	ug/L	50.00	ND	120	70-130	4	30	
Chlorobenzene	51	0.50	ug/L	50.00	ND	102	70-130	9	30	
Toluene	57	0.50	ug/L	50.00	ND	113	70-130	12	30	
Trichloroethene	51	0.50	ug/L	50.00	ND	103	70-130	9	30	
Surrogate: 4-Bromofluorobenzene	*48.6*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Dibromofluoromethane	*37.8*		*ug/L*	*50.00*		*76*	*70-130*			
Surrogate: Toluene-d8	*38.6*		*ug/L*	*50.00*		*77*	*70-130*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510170 - EPA 300.0 (2.1)										
Blank (2510170-BLK1)				Prepared & Analyzed: 10/20/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2510170-BS1)				Prepared & Analyzed: 10/20/2025						
Chloride	12	1.0	mg/L	12.50		95	90-110			
Fluoride	2.0	0.50	mg/L	2.000		98	90-110			
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		97	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2510170-BSD1)				Prepared & Analyzed: 10/20/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110	0.1	10	
Fluoride	2.0	0.50	mg/L	2.000		98	90-110	0.02	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		97	90-110	0.07	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		98	90-110	0.8	10	
Sulfate	13	5.0	mg/L	12.50		104	90-110	0.03	10	
Matrix Spike (2510170-MS1)		**Source: 25J0556-01**		Prepared: 10/20/2025 Analyzed: 10/24/2025						
Chloride	15	1.0	mg/L	12.50	2.8	97	80-120			
Fluoride	2.1	0.50	mg/L	2.000	ND	105	80-120			
Nitrogen, Nitrate (As N)	5.3	0.50	mg/L	5.000	0.55	96	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	100	80-120			
Sulfate	17	5.0	mg/L	12.50	6.5	84	80-120			
Matrix Spike Dup (2510170-MSD1)		**Source: 25J0556-01**		Prepared: 10/20/2025 Analyzed: 10/24/2025						
Chloride	15	1.0	mg/L	12.50	2.8	98	80-120	0.2	10	
Fluoride	2.1	0.50	mg/L	2.000	ND	105	80-120	0.2	10	
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.55	97	80-120	0.5	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	100	80-120	0.2	10	
Sulfate	17	5.0	mg/L	12.50	6.5	84	80-120	0.2	10	

TURNER LABORATORIES INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE 10/[illegible] PAGE 1 OF 1

PROJECT NAME _____ # _____
CONTACT NAME _____
COMPANY NAME COPPER WORLD
ADDRESS _____
ZIP _____ PHONE _____ EMAIL _____
SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS
POC-09	10/20/23	11:35		GW	9
Field Blank	10/20/23	09:34		GW	9

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics ☐ 624 ☐ 524.2 ☐ 8260 ☐ THMS ☐ HAAS ☐ Chloride ☐ Sulfate ☐ Resistivity ☐ NO_3 ☐ NO_2 ☐ TKN ☐ TPH ☐ 1664 ☐ Oil & Grease ☐ TCLP Analysis ☐ VOA ☐ Semi-VOA ☐ Pest ☐ TCLP ☐ Metals ☐ Dissolved ☐ Total ☐ RCRA8 ☐ Total ☐ Cyanide ☐ Amen. ☐ WAD ☐ SDWA-INORGANICS PRIMARY ☐ SECONDARY ☐ Coliform MPN ☐ PIA ☐ pH ☐ Fecal ☐ Cl_2 ☐ Cl ☐ Turb ☐ TSS ☐ COD ☐ BOD ☐ [illegible] ☐

1. RELINQUISHED BY:	2. RECEIVED BY:	TURNAROUND REQUIREMENTS:	REPORT REQUIREMENTS:	INVOICE INFORMATION:	SAMPLE RECEIPT:
A. Calmenares		____ Standard (approx. 10 days)*	____ I. Routine Report	Account ____ Y ____ N	Total Containers _____
Signature	Signature	____ Next Day ____ 2 Day ____ 5 Day*	____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)	P.O. # _____	Temperature 1
Alejandra Calmenares	Printed Name	____ Email Preliminary Results	____ III. Date Validation Report (Includes All Raw Data) Add 10% to invoice	Bill to: _____	☒ Wet Ice ☐ Ambient ☐ Blue Ice
Printed Name	Firm	* Working Days			IR # 1
Pillsbury	Date/Time				
10/20/2023 [illegible]					
Date/Time					

3. RELINQUISHED BY:	4. RECEIVED BY:	* LEGEND SAMPLE MATRIX			
Signature	Signature	DW = DRINKING WATER	Compliance Analysis: ☐ Yes ☐ No	Custody Seals ☐	Preservation Confirmation ☒
Printed Name	Printed Name	GW = GROUNDWATER	CMDP Deliverable: ☐ Yes ☐ No	Container Intact ☒	Appropriate Head Space ☒
Firm	TURNER LABORATORIES, INC.	SD = SOLID	Submit To CMDP: ☐ Yes ☐ No	COC / Labels Agree ☒	Received Within Hold Time ☒
Date/Time	Firm	SG = SLUDGE	SPECIAL INSTRUCTIONS/COMMENTS:		
	Date/Time	SL = SOIL	acalmenares@pillsburyco.com		
		ST = STORMWATER			
		WW = WASTEWATER			

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 20, 2025
Sample Received: October 22, 2025
Analysis Completed: November 11, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0579-01	4.3 ± 1.5	< 0.8	4.3 ± 1.5	17.3 ± 1.4	< 0.4	< 0.9	< 0.9

Analysis Date/Time	10/30/2025	10/29/2025	10/30/2025	10/31/2025	11/7/2025	11/7/2025	11/7/2025
	21:51	13:39	21:51	9:15	12:36	12:36	12:36

November 11, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 20, 2025
Sample Received: October 22, 2025
Uranium Analysis Date: October 29, 2025
Uranium Analysis Time: 13:39

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0579-01	< 0.6	< 0.004	< 0.6	< 0.8	Activity (pCi/L)
	< 1.7	< 0.001	< 0.00009	< 1.7	Content (µg/L)
	Comments:				

November 11, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 20, 2025 (Sample Date) 11:55 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/30/2025	4.3 ± 1.5		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/30/2025	4.3 ± 1.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	10/29/2025	< 1.7	µg/L	
			Uranium 234	4007	10/29/2025	< 0.00009		
			Uranium 235	4008	10/29/2025	< 0.001		
			Uranium 238	4009	10/29/2025	< 1.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/7/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/7/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/7/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78424

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0579-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 20, 2025 (Sample Date) 11:55 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/31/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78424

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0579-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 20, 2025
Sample Received: October 22, 2025
Analysis Completed: November 11, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0579-02	< 0.5	< 0.4	< 0.5	10.8 ± 1.2	< 0.5	< 0.9	< 0.9

Analysis Date/Time	10/30/2025	10/29/2025	10/30/2025	10/31/2025	11/7/2025	11/7/2025	11/7/2025
	14:52	13:56	14:52	9:15	16:37	16:37	16:37

November 11, 2025
Robert L. Metzger, Ph.D., C.H.P. — Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 20, 2025
Sample Received: October 22, 2025
Uranium Analysis Date: October 29, 2025
Uranium Analysis Time: 13:56

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0579-02	< 0.3	< 0.002	< 0.3	< 0.4	Activity (pCi/L)
	< 0.8	< 0.001	< 0.00005	< 0.8	Content (µg/L)
	Comments:				

November 11, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 20, 2025 (Sample Date) 13:54 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	10/30/2025	< 0.5		
EPA 00-02		3 pCi/L	Gross Alpha	4002	10/30/2025	< 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	10/29/2025	< 0.8	µg/L	
			Uranium 234	4007	10/29/2025	< 0.00005		
			Uranium 235	4008	10/29/2025	< 0.001		
			Uranium 238	4009	10/29/2025	< 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/7/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/7/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/7/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

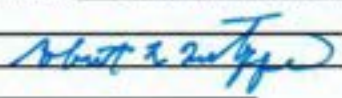
Specimen Number: RSE78425

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0579-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 20, 2025 (Sample Date) 13:54 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	10/31/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

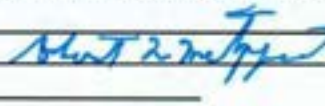
Specimen Number: RSE78425

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0579-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25J0579

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25J0579-01 Non-Potable Wa Sampled:10/20/2025 11:55			
Radiochemistry, Uranium	04/18/2026 11:55		
Radiochemistry, Radium 226/228	11/19/2025 11:55		
Radiochemistry, Gross Alpha Beta	04/18/2026 11:55		78424
Containers Supplied:			
Sample ID: 25J0579-02 Non-Potable Wa Sampled:10/20/2025 13:54			
Radiochemistry, Uranium	04/18/2026 13:54		
Radiochemistry, Radium 226/228	11/19/2025 13:54		
Radiochemistry, Gross Alpha Beta	04/18/2026 13:54		78425
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	10/21/25 1600	UPS	10/21/25 1600
Released By	Date	Received By	Date
		[signature]	Oct. 22nd, 2025 11:30 am

December 01, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25J0817
Order Name: Groundwater
200994530000 619033

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 2 sample(s) on 10/30/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Date Received: 10/30/2025

Order: Groundwater 200994530000 619033

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25J0817-01	POC - 05 Bailer	Ground Water	10/29/2025 1145
25J0817-02	POC - 05	Ground Water	10/29/2025 1600

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Date Received: 10/30/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 12/01/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Lab Sample ID: 25J0817-01

Client Sample ID: POC - 05 Bailer
Collection Date/Time: 10/29/2025 1145
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	11/06/2025 0831	11/06/2025 1552	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	10/30/2025 0900	10/31/2025 0312	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.44		0.30		mg/L	1	11/11/2025 0800	11/17/2025 1331	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.028		0.00050		mg/L	1	11/10/2025 1524	11/17/2025 1655	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	42		4.0		mg/L	1	11/05/2025 1502	11/18/2025 1508	RAR
Magnesium	8.7		3.0		mg/L	1	11/05/2025 1502	11/18/2025 1508	RAR
Potassium	3.8	0.14	5.0	E4	mg/L	1	11/05/2025 1502	11/18/2025 1508	RAR
Sodium	51		5.0		mg/L	1	11/05/2025 1502	11/18/2025 1508	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Antimony	0.000094	0.000039	0.00050	E4	mg/L	1	11/01/2025 0948	11/26/2025 1656	RAR
Arsenic	0.0048		0.00050		mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Barium	0.092		0.00050		mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Chromium	0.0014		0.00050		mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Cobalt	0.000052	0.000010	0.00025	E4	mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Copper	0.0014		0.00050		mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Manganese	0.0018		0.00025		mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Molybdenum	0.042		0.00025		mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Nickel	0.00038	0.000015	0.00050	E4	mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Selenium	0.0016	0.00025	0.0025	E4	mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
Uranium	0.029		0.00050		mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Lab Sample ID: 25J0817-01

Client Sample ID: POC - 05 Bailer
Collection Date/Time: 10/29/2025 1145
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.0035	0.0023	0.040	E4	mg/L	1	11/01/2025 0948	11/13/2025 1856	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	11/10/2025 0849	11/10/2025 1457	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	21		1.0		mg/L	1	10/30/2025 1600	10/31/2025 0312	SS
Fluoride	2.7		0.50		mg/L	1	10/30/2025 1600	10/31/2025 0312	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	10/30/2025 0900	10/31/2025 0312	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	10/30/2025 0900	10/31/2025 0312	SS
Sulfate	25		5.0		mg/L	1	10/30/2025 1600	10/31/2025 0312	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.55	0.30	0.50	E8	mg/L	1	11/06/2025 0831	11/06/2025 1552	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	11/11/2025 1035	11/11/2025 1603	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230		2.0		mg/L	1	11/04/2025 0930	11/04/2025 1549	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/04/2025 0930	11/04/2025 1549	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/04/2025 0930	11/04/2025 1549	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/04/2025 0930	11/04/2025 1549	RAR
Alkalinity, Total (As CaCO3)	230		2.0		mg/L	1	11/04/2025 0930	11/04/2025 1549	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	320		20		mg/L	1	11/03/2025 0842	11/06/2025 1040	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/10/2025 0824	11/12/2025 1704	SJS
pH-SM4500-H+ B									

Turner Laboratories, Inc.

Date: 12/01/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Lab Sample ID: 25J0817-01

Client Sample ID: POC - 05 Bailer
Collection Date/Time: 10/29/2025 1145
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.6			H5	-	1	10/31/2025 1425	10/31/2025 1445	IM
Temperature (°C)	22			H5	-	1	10/31/2025 1425	10/31/2025 1445	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/05/2025 0800	11/06/2025 0502	ZZZ
Carbon disulfide	0.23	0.11	2.0	E4	ug/L	1	11/05/2025 0800	11/06/2025 0502	ZZZ
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/05/2025 0800	11/06/2025 0502	ZZZ
Toluene	ND	0.057	0.50	E8	ug/L	1	11/05/2025 0800	11/06/2025 0502	ZZZ
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/05/2025 0800	11/06/2025 0502	ZZZ
Surr: 4-Bromofluorobenzene	*116*	*70-130*			*%REC*	*1*	*11/05/2025 0800*	*11/06/2025 502*	*ZZZ*
Surr: Dibromofluoromethane	*103*	*70-130*			*%REC*	*1*	*11/05/2025 0800*	*11/06/2025 502*	*ZZZ*
Surr: Toluene-d8	*103*	*70-130*			*%REC*	*1*	*11/05/2025 0800*	*11/06/2025 502*	*ZZZ*

Turner Laboratories, Inc.

Date: 12/01/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Lab Sample ID: 25J0817-02

Client Sample ID: POC - 05
Collection Date/Time: 10/29/2025 1600
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	11/06/2025 0831	11/06/2025 1552	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	10/30/2025 0900	10/31/2025 0331	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.40		0.30		mg/L	1	11/11/2025 0800	11/17/2025 1334	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.023		0.00050		mg/L	1	11/10/2025 1524	11/17/2025 1713	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	42		4.0		mg/L	1	11/05/2025 1502	11/18/2025 1511	RAR
Magnesium	8.7		3.0		mg/L	1	11/05/2025 1502	11/18/2025 1511	RAR
Potassium	3.6	0.14	5.0	E4	mg/L	1	11/05/2025 1502	11/18/2025 1511	RAR
Sodium	50		5.0		mg/L	1	11/05/2025 1502	11/18/2025 1511	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Arsenic	0.0044		0.00050		mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Barium	0.095		0.00050		mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Chromium	0.00053		0.00050		mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Cobalt	0.00011	0.000010	0.00025	E4	mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Copper	0.0018		0.00050		mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Manganese	0.072		0.00025		mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Molybdenum	0.039		0.00025		mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Nickel	0.00094		0.00050		mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Selenium	0.0015	0.00025	0.0025	E4	mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Uranium	0.024		0.00050		mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR
Zinc	0.0025	0.0023	0.040	E4	mg/L	1	11/12/2025 1104	11/26/2025 1415	RAR

Turner Laboratories, Inc.

Date: 12/01/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Lab Sample ID: 25J0817-02

Client Sample ID: POC - 05
Collection Date/Time: 10/29/2025 1600
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	11/10/2025 0849	11/10/2025 1459	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	21		1.0		mg/L	1	10/30/2025 1600	10/31/2025 0331	SS
Fluoride	2.7		0.50		mg/L	1	10/30/2025 1600	10/31/2025 0331	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	10/30/2025 0900	10/31/2025 0331	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	10/30/2025 0900	10/31/2025 0331	SS
Sulfate	24		5.0		mg/L	1	10/30/2025 1600	10/31/2025 0331	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	11/06/2025 0831	11/06/2025 1552	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	11/11/2025 1035	11/11/2025 1603	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230		2.0		mg/L	1	11/04/2025 0930	11/04/2025 1549	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/04/2025 0930	11/04/2025 1549	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/04/2025 0930	11/04/2025 1549	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/04/2025 0930	11/04/2025 1549	RAR
Alkalinity, Total (As CaCO3)	230		2.0		mg/L	1	11/04/2025 0930	11/04/2025 1549	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	320		20		mg/L	1	11/03/2025 0842	11/06/2025 1040	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/10/2025 0824	11/12/2025 1704	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.6			H5	-	1	10/31/2025 1425	10/31/2025 1447	IM
Temperature (°C)	22			H5	-	1	10/31/2025 1425	10/31/2025 1447	IM

Turner Laboratories, Inc.

Date: 12/01/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Lab Sample ID: 25J0817-02

Client Sample ID: POC - 05
Collection Date/Time: 10/29/2025 1600
Matrix: Ground Water
Order Name: Groundwater 200994530000 61903

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/05/2025 0800	11/06/2025 0538	ZZZ
Carbon disulfide	0.27	0.11	2.0	E4	ug/L	1	11/05/2025 0800	11/06/2025 0538	ZZZ
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/05/2025 0800	11/06/2025 0538	ZZZ
Toluene	ND	0.057	0.50	E8	ug/L	1	11/05/2025 0800	11/06/2025 0538	ZZZ
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/05/2025 0800	11/06/2025 0538	ZZZ
Surr: 4-Bromofluorobenzene	*111*	*70-130*			*%REC*	*1*	*11/05/2025 0800*	*11/06/2025 538*	*ZZZ*
Surr: Dibromofluoromethane	*105*	*70-130*			*%REC*	*1*	*11/05/2025 0800*	*11/06/2025 538*	*ZZZ*
Surr: Toluene-d8	*103*	*70-130*			*%REC*	*1*	*11/05/2025 0800*	*11/06/2025 538*	*ZZZ*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Date Received: 10/30/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511003 - EPA 200.8 (5.4)										
Blank (2511003-BLK1)				Prepared: 11/01/2025 Analyzed: 11/13/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	0.00022	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.000041	0.00025	mg/L							
Molybdenum	0.000080	0.00025	mg/L							
Nickel	0.000026	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2511003-BS1)				Prepared: 11/01/2025 Analyzed: 11/13/2025						
Aluminum	0.10	0.040	mg/L	0.1000		100	85-115			
Antimony	0.053	0.00050	mg/L	0.05000		106	85-115			
Arsenic	0.051	0.00050	mg/L	0.05000		102	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.048	0.00025	mg/L	0.05000		96	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		101	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		99	85-115			
Copper	0.049	0.00050	mg/L	0.05000		99	85-115			
Lead	0.047	0.00050	mg/L	0.05000		94	85-115			
Manganese	0.049	0.00025	mg/L	0.05000		99	85-115			
Molybdenum	0.051	0.00025	mg/L	0.05000		102	85-115			
Nickel	0.050	0.00050	mg/L	0.05000		99	85-115			
Selenium	0.049	0.0025	mg/L	0.05000		97	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115			
Uranium	0.046	0.00050	mg/L	0.05000		92	85-115			
Zinc	0.10	0.040	mg/L	0.1000		101	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Date Received: 10/30/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511003 - EPA 200.8 (5.4)										
LCS Dup (2511003-BSD1)				Prepared: 11/01/2025 Analyzed: 11/13/2025						
Aluminum	0.099	0.040	mg/L	0.1000		99	85-115	0.8	20	
Antimony	0.053	0.00050	mg/L	0.05000		105	85-115	0.2	20	
Arsenic	0.052	0.00050	mg/L	0.05000		104	85-115	2	20	
Barium	0.052	0.00050	mg/L	0.05000		104	85-115	0.07	20	
Beryllium	0.049	0.00025	mg/L	0.05000		97	85-115	2	20	
Cadmium	0.050	0.00025	mg/L	0.05000		101	85-115	0.5	20	
Chromium	0.051	0.00050	mg/L	0.05000		101	85-115	0.5	20	
Cobalt	0.050	0.00025	mg/L	0.05000		100	85-115	0.8	20	
Copper	0.050	0.00050	mg/L	0.05000		100	85-115	0.8	20	
Lead	0.048	0.00050	mg/L	0.05000		95	85-115	0.9	20	
Manganese	0.050	0.00025	mg/L	0.05000		100	85-115	1	20	
Molybdenum	0.052	0.00025	mg/L	0.05000		103	85-115	0.8	20	
Nickel	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115	2	20	
Thallium	0.049	0.00050	mg/L	0.05000		99	85-115	0.2	20	
Uranium	0.047	0.00050	mg/L	0.05000		93	85-115	1	20	
Zinc	0.10	0.040	mg/L	0.1000		102	85-115	1	20	
Matrix Spike (2511003-MS1)		**Source: 25J0632-01**		Prepared: 11/01/2025 Analyzed: 11/13/2025						
Aluminum	0.11	0.040	mg/L	0.1000	ND	108	70-130			
Antimony	0.060	0.00050	mg/L	0.05000	0.0031	115	70-130			
Arsenic	0.060	0.00050	mg/L	0.05000	0.0027	115	70-130			
Barium	0.12	0.00050	mg/L	0.05000	0.061	110	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.000038	105	70-130			
Cadmium	0.052	0.00025	mg/L	0.05000	ND	104	70-130			
Chromium	0.054	0.00050	mg/L	0.05000	0.00089	107	70-130			
Cobalt	0.051	0.00025	mg/L	0.05000	0.00010	101	70-130			
Copper	0.051	0.00050	mg/L	0.05000	0.0022	98	70-130			
Lead	0.050	0.00050	mg/L	0.05000	ND	100	70-130			
Manganese	0.052	0.00025	mg/L	0.05000	0.00013	103	70-130			
Molybdenum	0.18	0.00025	mg/L	0.05000	0.12	109	70-130			
Nickel	0.050	0.00050	mg/L	0.05000	0.0013	98	70-130			
Selenium	0.059	0.0025	mg/L	0.05000	0.00083	117	70-130			
Thallium	0.048	0.00050	mg/L	0.05000	0.000032	95	70-130			
Uranium	0.067	0.00050	mg/L	0.05000	0.012	111	70-130			
Zinc	0.13	0.040	mg/L	0.1000	0.021	105	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Date Received: 10/30/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511003 - EPA 200.8 (5.4)										
Matrix Spike (2511003-MS2)		**Source: 25J0632-02**		Prepared: 11/01/2025 Analyzed: 11/13/2025						
Aluminum	0.10	0.040	mg/L	0.1000	ND	101	70-130			
Antimony	0.055	0.00050	mg/L	0.05000	0.00013	110	70-130			
Arsenic	0.056	0.00050	mg/L	0.05000	0.0031	107	70-130			
Barium	0.10	0.00050	mg/L	0.05000	0.052	105	70-130			
Beryllium	0.049	0.00025	mg/L	0.05000	0.000024	99	70-130			
Cadmium	0.049	0.00025	mg/L	0.05000	ND	98	70-130			
Chromium	0.051	0.00050	mg/L	0.05000	0.00087	99	70-130			
Cobalt	0.047	0.00025	mg/L	0.05000	0.00015	94	70-130			
Copper	0.047	0.00050	mg/L	0.05000	0.0016	92	70-130			
Lead	0.047	0.00050	mg/L	0.05000	ND	94	70-130			
Manganese	0.29	0.00025	mg/L	0.05000	0.24	93	70-130			
Molybdenum	0.13	0.00025	mg/L	0.05000	0.081	102	70-130			
Nickel	0.047	0.00050	mg/L	0.05000	0.00079	92	70-130			
Selenium	0.053	0.0025	mg/L	0.05000	0.00069	104	70-130			
Thallium	0.043	0.00050	mg/L	0.05000	0.000024	85	70-130			
Uranium	0.065	0.00050	mg/L	0.05000	0.015	100	70-130			
Zinc	0.10	0.040	mg/L	0.1000	0.0029	100	70-130			
Batch 2511078 - EPA 245.1										
Blank (2511078-BLK1)				Prepared & Analyzed: 11/10/2025						
Mercury	ND	0.0010	mg/L							
LCS (2511078-BS1)				Prepared & Analyzed: 11/10/2025						
Mercury	0.0050	0.0010	mg/L	0.005000		100	85-115			
LCS Dup (2511078-BSD1)				Prepared & Analyzed: 11/10/2025						
Mercury	0.0050	0.0010	mg/L	0.005000		100	85-115	0.9	20	
Matrix Spike (2511078-MS1)		**Source: 25J0699-03**		Prepared & Analyzed: 11/10/2025						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	97	70-130			
Matrix Spike Dup (2511078-MSD1)		**Source: 25J0699-03**		Prepared & Analyzed: 11/10/2025						
Mercury	0.0048	0.0010	mg/L	0.005000	ND	96	70-130	1	20	
Batch 2511110 - E200.8 (5.4)										
Blank (2511110-BLK1)				Prepared: 11/10/2025 Analyzed: 11/17/2025						
Uranium	0.000016	0.00050	mg/L							
LCS (2511110-BS1)				Prepared: 11/10/2025 Analyzed: 11/17/2025						
Uranium	0.052	0.00050	mg/L	0.05000		103	85-115			
LCS Dup (2511110-BSD1)				Prepared: 11/10/2025 Analyzed: 11/17/2025						
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115	0.7	20	
Matrix Spike (2511110-MS1)		**Source: 25J0666-03**		Prepared: 11/10/2025 Analyzed: 11/17/2025						
Uranium	0.062	0.00050	mg/L	0.05000	0.0084	107	70-130			
Matrix Spike (2511110-MS2)		**Source: 25J0699-01**		Prepared: 11/10/2025 Analyzed: 11/17/2025						
Uranium	0.053	0.00050	mg/L	0.05000	0.00040	106	70-130			
Batch 2511130 - E200.7 (4.4)										

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Blank (2511130-BLK1)				Prepared: 11/11/2025 Analyzed: 11/17/2025						
Iron	ND	0.30	mg/L							
LCS (2511130-BS1)				Prepared: 11/11/2025 Analyzed: 11/17/2025						
Iron	0.98	0.30	mg/L	1.000		98	85-115			
LCS Dup (2511130-BSD1)				Prepared: 11/11/2025 Analyzed: 11/17/2025						
Iron	0.97	0.30	mg/L	1.000		97	85-115	1	20	
Matrix Spike (2511130-MS1)		**Source: 25J0681-01**		Prepared: 11/11/2025 Analyzed: 11/17/2025						
Iron	1.5	0.30	mg/L	1.000	0.50	97	70-130			
Matrix Spike (2511130-MS2)		**Source: 25J0683-01**		Prepared: 11/11/2025 Analyzed: 11/17/2025						
Iron	1.3	0.30	mg/L	1.000	0.42	93	70-130			
Batch 2511140 - EPA 200.8 (5.4)										
Blank (2511140-BLK1)				Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	0.000015	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	0.00017	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	0.000072	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511140 - EPA 200.8 (5.4)										
LCS (2511140-BS1)				Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	0.10	0.040	mg/L	0.1000		104	85-115			
Antimony	0.051	0.00050	mg/L	0.05000		102	85-115			
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115			
Barium	0.051	0.00050	mg/L	0.05000		103	85-115			
Beryllium	0.051	0.00025	mg/L	0.05000		102	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		99	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115			
Copper	0.049	0.00050	mg/L	0.05000		99	85-115			
Lead	0.047	0.00050	mg/L	0.05000		94	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		99	85-115			
Molybdenum	0.050	0.00025	mg/L	0.05000		101	85-115			
Nickel	0.050	0.00050	mg/L	0.05000		101	85-115			
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115			
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115			
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115			
Zinc	0.10	0.040	mg/L	0.1000		101	85-115			
LCS Dup (2511140-BSD1)				Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	0.10	0.040	mg/L	0.1000		103	85-115	0.3	20	
Antimony	0.051	0.00050	mg/L	0.05000		101	85-115	1	20	
Arsenic	0.051	0.00050	mg/L	0.05000		101	85-115	1	20	
Barium	0.051	0.00050	mg/L	0.05000		103	85-115	0.1	20	
Beryllium	0.051	0.00025	mg/L	0.05000		103	85-115	0.9	20	
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115	0.2	20	
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115	0.7	20	
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115	0.04	20	
Copper	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Lead	0.047	0.00050	mg/L	0.05000		95	85-115	0.4	20	
Manganese	0.050	0.00025	mg/L	0.05000		100	85-115	0.2	20	
Molybdenum	0.049	0.00025	mg/L	0.05000		99	85-115	2	20	
Nickel	0.050	0.00050	mg/L	0.05000		100	85-115	0.6	20	
Selenium	0.051	0.0025	mg/L	0.05000		102	85-115	3	20	
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115	0.4	20	
Uranium	0.051	0.00050	mg/L	0.05000		101	85-115	0.2	20	
Zinc	0.10	0.040	mg/L	0.1000		102	85-115	0.5	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511140 - EPA 200.8 (5.4)										
Matrix Spike (2511140-MS1)		**Source: 25J0817-02**		Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	0.11	0.040	mg/L	0.1000	ND	106	70-130			
Antimony	0.054	0.00050	mg/L	0.05000	ND	109	70-130			
Arsenic	0.061	0.00050	mg/L	0.05000	0.0044	112	70-130			
Barium	0.15	0.00050	mg/L	0.05000	0.095	100	70-130			
Beryllium	0.053	0.00025	mg/L	0.05000	ND	106	70-130			
Cadmium	0.051	0.00025	mg/L	0.05000	ND	102	70-130			
Chromium	0.051	0.00050	mg/L	0.05000	0.00053	101	70-130			
Cobalt	0.050	0.00025	mg/L	0.05000	0.00011	99	70-130			
Copper	0.048	0.00050	mg/L	0.05000	0.0018	93	70-130			
Lead	0.048	0.00050	mg/L	0.05000	ND	97	70-130			
Manganese	0.12	0.00025	mg/L	0.05000	0.072	99	70-130			
Molybdenum	0.092	0.00025	mg/L	0.05000	0.039	105	70-130			
Nickel	0.048	0.00050	mg/L	0.05000	0.00094	95	70-130			
Selenium	0.060	0.0025	mg/L	0.05000	0.0015	118	70-130			
Thallium	0.051	0.00050	mg/L	0.05000	ND	103	70-130			
Uranium	0.080	0.00050	mg/L	0.05000	0.024	111	70-130			
Zinc	0.11	0.040	mg/L	0.1000	0.0025	103	70-130			
Matrix Spike (2511140-MS2)		**Source: 25K0027-01**		Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	0.13	0.040	mg/L	0.1400	ND	95	70-130			
Antimony	0.073	0.00050	mg/L	0.07000	0.00011	104	70-130			
Arsenic	0.081	0.00050	mg/L	0.07000	0.0057	107	70-130			
Barium	0.16	0.00050	mg/L	0.07000	0.085	103	70-130			
Beryllium	0.072	0.00025	mg/L	0.07000	0.000014	103	70-130			
Cadmium	0.069	0.00025	mg/L	0.07000	0.00011	98	70-130			
Chromium	0.070	0.00050	mg/L	0.07000	0.00040	99	70-130			
Cobalt	0.068	0.00025	mg/L	0.07000	0.00017	96	70-130			
Copper	0.065	0.00050	mg/L	0.07000	0.0025	89	70-130			
Lead	0.069	0.00050	mg/L	0.07000	0.0014	97	70-130			
Manganese	0.068	0.00025	mg/L	0.07000	0.00040	96	70-130			
Molybdenum	0.073	0.00025	mg/L	0.07000	0.0013	103	70-130			
Nickel	0.066	0.00050	mg/L	0.07000	0.0014	92	70-130			
Selenium	0.080	0.0025	mg/L	0.07000	0.0025	110	70-130			
Thallium	0.071	0.00050	mg/L	0.07000	0.000025	102	70-130			
Uranium	0.081	0.00050	mg/L	0.07000	0.0034	111	70-130			
Zinc	0.23	0.040	mg/L	0.1400	0.098	92	70-130			
Batch 2511167 - EPA 200.7 (4.4)										
Blank (2511167-BLK1)				Prepared: 11/14/2025 Analyzed: 11/18/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.93	5.0	mg/L							

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511167 - EPA 200.7 (4.4)										
LCS (2511167-BS1)				Prepared: 11/14/2025 Analyzed: 11/18/2025						
Calcium	9.3	4.0	mg/L	10.00		93	85-115			
Magnesium	9.1	3.0	mg/L	10.00		91	85-115			
Potassium	9.6	5.0	mg/L	10.00		96	85-115			
Sodium	10	5.0	mg/L	10.00		100	85-115			
LCS Dup (2511167-BSD1)				Prepared: 11/14/2025 Analyzed: 11/18/2025						
Calcium	9.3	4.0	mg/L	10.00		93	85-115	0.003	20	
Magnesium	9.0	3.0	mg/L	10.00		90	85-115	1	20	
Potassium	9.6	5.0	mg/L	10.00		96	85-115	0.08	20	
Sodium	10	5.0	mg/L	10.00		102	85-115	2	20	
Matrix Spike (2511167-MS1)	**Source: 25J0699-01**			Prepared: 11/14/2025 Analyzed: 11/18/2025						
Calcium	84	4.0	mg/L	10.00	77	66	70-130			M2
Magnesium	20	3.0	mg/L	10.00	11	90	70-130			
Potassium	12	5.0	mg/L	10.00	2.9	96	70-130			
Sodium	24	5.0	mg/L	10.00	16	77	70-130			
Matrix Spike (2511167-MS2)	**Source: 25J0699-02**			Prepared: 11/14/2025 Analyzed: 11/18/2025						
Calcium	100	4.0	mg/L	10.00	94	75	70-130			
Magnesium	25	3.0	mg/L	10.00	16	95	70-130			
Potassium	13	5.0	mg/L	10.00	2.1	106	70-130			
Sodium	16	5.0	mg/L	10.00	6.5	99	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2510295 - SM4500-H+ B										
Duplicate (2510295-DUP1)		**Source: 25J0829-01**		Prepared & Analyzed: 10/31/2025						
pH (pH Units)	7.5		-		7.5			0.5	200	
Temperature (°C)	22		-		22			1	200	
Batch 2511005 - SM2540 C										
Duplicate (2511005-DUP1)		**Source: 25J0759-01**		Prepared: 11/03/2025 Analyzed: 11/06/2025						
Total Dissolved Solids (Residue, Filterable)	550	20	mg/L		560			1	5	
Batch 2511026 - SM2320B										
Blank (2511026-BLK1)				Prepared & Analyzed: 11/04/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2511026-BS1)				Prepared & Analyzed: 11/04/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		98	90-110			
LCS Dup (2511026-BSD1)				Prepared & Analyzed: 11/04/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110	2	10	
Matrix Spike (2511026-MS1)		**Source: 25K0027-01**		Prepared & Analyzed: 11/04/2025						
Alkalinity, Total (As CaCO3)	370	2.0	mg/L	250.0	110	105	70-130			
Matrix Spike Dup (2511026-MSD1)		**Source: 25K0027-01**		Prepared & Analyzed: 11/04/2025						
Alkalinity, Total (As CaCO3)	370	2.0	mg/L	250.0	110	104	70-130	0.5	10	
Batch 2511046 - EPA 351.2										
Blank (2511046-BLK1)				Prepared & Analyzed: 11/06/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2511046-BS1)				Prepared & Analyzed: 11/06/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000		101	80-120			
LCS Dup (2511046-BSD1)				Prepared & Analyzed: 11/06/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000		102	80-120	1	20	
Matrix Spike (2511046-MS1)		**Source: 25J0669-01**		Prepared & Analyzed: 11/06/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	15	NR	80-120			M2
Matrix Spike (2511046-MS2)		**Source: 25J0782-02**		Prepared & Analyzed: 11/06/2025						
Nitrogen, Total Kjeldahl	5.6	0.50	mg/L	5.000	ND	113	80-120			
Matrix Spike Dup (2511046-MSD1)		**Source: 25J0669-01**		Prepared & Analyzed: 11/06/2025						
Nitrogen, Total Kjeldahl	5.8	0.50	mg/L	5.000	15	NR	80-120	14	20	M2
Matrix Spike Dup (2511046-MSD2)		**Source: 25J0782-02**		Prepared & Analyzed: 11/06/2025						
Nitrogen, Total Kjeldahl	5.8	0.50	mg/L	5.000	ND	115	80-120	2	20	
Batch 2511076 - SM4500-CN BE										

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Blank (2511076-BLK1)				Prepared: 11/10/2025 Analyzed: 11/12/2025						
Cyanide	ND	0.10	mg/L							
LCS (2511076-BS1)				Prepared: 11/10/2025 Analyzed: 11/12/2025						
Cyanide	1.9	0.10	mg/L	2.000		95	85-115			
LCS Dup (2511076-BSD1)				Prepared: 11/10/2025 Analyzed: 11/12/2025						
Cyanide	1.9	0.10	mg/L	2.000		96	85-115	1	15	
Matrix Spike (2511076-MS1)		**Source: 25K0174-01**		Prepared: 11/10/2025 Analyzed: 11/12/2025						
Cyanide	1.8	0.10	mg/L	2.000	ND	92	80-120			
Matrix Spike Dup (2511076-MSD1)		**Source: 25K0174-01**		Prepared: 11/10/2025 Analyzed: 11/12/2025						
Cyanide	1.8	0.10	mg/L	2.000	ND	91	80-120	1	15	
Batch 2511094 - SM 4500-NH3 B, F										
Blank (2511094-BLK1)				Prepared & Analyzed: 11/11/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2511094-BS1)				Prepared & Analyzed: 11/11/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		107	90-110			
LCS Dup (2511094-BSD1)				Prepared & Analyzed: 11/11/2025						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		108	90-110	0.4	10	
Matrix Spike (2511094-MS1)		**Source: 25J0718-01**		Prepared & Analyzed: 11/11/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2511094-MSD1)		**Source: 25J0718-01**		Prepared & Analyzed: 11/11/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511056 - SW8260B										
Blank (2511056-BLK1)				Prepared & Analyzed: 11/05/2025						
Benzene	0.083	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.061	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*57.7*		*ug/L*	*50.00*		*115*	*70-130*			
Surrogate: Dibromofluoromethane	*51.8*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Toluene-d8	*50.4*		*ug/L*	*50.00*		*101*	*70-130*			
LCS (2511056-BS1)				Prepared & Analyzed: 11/05/2025						
1,1-Dichloroethene	46	0.50	ug/L	50.00		91	70-130			
Benzene	56	0.50	ug/L	50.00		112	70-130			
Chlorobenzene	46	0.50	ug/L	50.00		91	70-130			
Toluene	49	0.50	ug/L	50.00		98	70-130			
Trichloroethene	46	0.50	ug/L	50.00		91	70-130			
Surrogate: 4-Bromofluorobenzene	*53.1*		*ug/L*	*50.00*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*51.5*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*47.6*		*ug/L*	*50.00*		*95*	*70-130*			
LCS Dup (2511056-BSD1)				Prepared & Analyzed: 11/05/2025						
1,1-Dichloroethene	54	0.50	ug/L	50.00		109	70-130	17	30	
Benzene	64	0.50	ug/L	50.00		127	70-130	13	30	
Chlorobenzene	52	0.50	ug/L	50.00		105	70-130	14	30	
Toluene	57	0.50	ug/L	50.00		114	70-130	15	30	
Trichloroethene	51	0.50	ug/L	50.00		102	70-130	11	30	
Surrogate: 4-Bromofluorobenzene	*55.2*		*ug/L*	*50.00*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*51.1*		*ug/L*	*50.00*		*102*	*70-130*			
Surrogate: Toluene-d8	*47.7*		*ug/L*	*50.00*		*95*	*70-130*			
Matrix Spike (2511056-MS1)	**Source: 25J0666-03**			Prepared: 11/05/2025 Analyzed: 11/06/2025						
1,1-Dichloroethene	50	0.50	ug/L	50.00	ND	100	70-130			
Benzene	56	0.50	ug/L	50.00	0.39	110	70-130			
Chlorobenzene	44	0.50	ug/L	50.00	0.43	87	70-130			
Toluene	49	0.50	ug/L	50.00	0.30	97	70-130			
Trichloroethene	45	0.50	ug/L	50.00	0.19	90	70-130			
Surrogate: 4-Bromofluorobenzene	*53.9*		*ug/L*	*50.00*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*49.8*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*47.3*		*ug/L*	*50.00*		*95*	*70-130*			
Matrix Spike (2511056-MS2)	**Source: 25J0759-01**			Prepared: 11/05/2025 Analyzed: 11/06/2025						
1,1-Dichloroethene	54	0.50	ug/L	50.00	ND	109	70-130			
Benzene	61	0.50	ug/L	50.00	ND	122	70-130			
Chlorobenzene	48	0.50	ug/L	50.00	ND	95	70-130			
Toluene	54	0.50	ug/L	50.00	0.13	107	70-130			
Trichloroethene	49	0.50	ug/L	50.00	ND	98	70-130			
Surrogate: 4-Bromofluorobenzene	*57.7*		*ug/L*	*50.00*		*115*	*70-130*			
Surrogate: Dibromofluoromethane	*54.2*		*ug/L*	*50.00*		*108*	*70-130*			
Surrogate: Toluene-d8	*51.7*		*ug/L*	*50.00*		*103*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Date Received: 10/30/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511056 - SW8260B										
Matrix Spike Dup (2511056-MSD1)	**Source: 25J0666-03**			Prepared: 11/05/2025 Analyzed: 11/06/2025						
1,1-Dichloroethene	54	0.50	ug/L	50.00	ND	108	70-130	8	30	
Benzene	60	0.50	ug/L	50.00	0.39	119	70-130	7	30	
Chlorobenzene	47	0.50	ug/L	50.00	0.43	94	70-130	8	30	
Toluene	53	0.50	ug/L	50.00	0.30	105	70-130	8	30	
Trichloroethene	49	0.50	ug/L	50.00	0.19	98	70-130	8	30	
Surrogate: 4-Bromofluorobenzene	*57.1*		*ug/L*	*50.00*		*114*	*70-130*			
Surrogate: Dibromofluoromethane	*53.3*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Toluene-d8	*50.7*		*ug/L*	*50.00*		*101*	*70-130*			
Matrix Spike Dup (2511056-MSD2)	**Source: 25J0759-01**			Prepared: 11/05/2025 Analyzed: 11/06/2025						
1,1-Dichloroethene	59	0.50	ug/L	50.00	ND	118	70-130	8	30	
Benzene	66	0.50	ug/L	50.00	ND	131	70-130	7	30	M1
Chlorobenzene	51	0.50	ug/L	50.00	ND	103	70-130	8	30	
Toluene	58	0.50	ug/L	50.00	0.13	116	70-130	8	30	
Trichloroethene	53	0.50	ug/L	50.00	ND	106	70-130	8	30	
Surrogate: 4-Bromofluorobenzene	*57.0*		*ug/L*	*50.00*		*114*	*70-130*			
Surrogate: Dibromofluoromethane	*52.3*		*ug/L*	*50.00*		*105*	*70-130*			
Surrogate: Toluene-d8	*50.1*		*ug/L*	*50.00*		*100*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25J0817
Date Received: 10/30/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511009 - EPA 300.0 (2.1)										
Blank (2511009-BLK1)				Prepared & Analyzed: 10/30/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2511009-BS1)				Prepared & Analyzed: 10/30/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110			
Fluoride	2.1	0.50	mg/L	2.000		104	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		99	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		96	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2511009-BSD1)				Prepared & Analyzed: 10/30/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110	0.05	10	
Fluoride	2.1	0.50	mg/L	2.000		106	90-110	2	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		99	90-110	0.07	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		96	90-110	0.04	10	
Sulfate	13	5.0	mg/L	12.50		104	90-110	0.04	10	
Matrix Spike (2511009-MS1)	**Source: 25J0817-01RE1**			Prepared: 10/30/2025 Analyzed: 11/07/2025						
Chloride	9.7	1.0	mg/L	12.50	20	NR	80-120			M2
Fluoride	1.4	0.50	mg/L	2.000	2.9	NR	80-120			M2
Nitrogen, Nitrate (As N)	ND	0.50	mg/L	5.000	ND		80-120			M2
Nitrogen, Nitrite (As N)	ND	0.10	mg/L	2.500	ND		80-120			M2
Sulfate	14	5.0	mg/L	12.50	27	NR	80-120			M2
Matrix Spike Dup (2511009-MSD1)	**Source: 25J0817-01RE1**			Prepared: 10/30/2025 Analyzed: 11/07/2025						
Chloride	9.8	1.0	mg/L	12.50	20	NR	80-120	0.6	10	M2
Fluoride	1.4	0.50	mg/L	2.000	2.9	NR	80-120	1	10	M2
Nitrogen, Nitrate (As N)	ND	0.50	mg/L	5.000	ND		80-120		10	M2
Nitrogen, Nitrite (As N)	ND	0.10	mg/L	2.500	ND		80-120		10	M2
Sulfate	14	5.0	mg/L	12.50	27	NR	80-120	0.04	10	M2

TURNER ENVIRONMENTAL
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 25Dec19- DATE 10/30/25 PAGE 1 OF 1

PROJECT NAME [illegible] # [illegible]
CONTACT NAME TJ Baker
COMPANY NAME Copper World
ADDRESS 5575 E Williams Circle Suite 200
ZIP [illegible] PHONE 520 [illegible] EMAIL
SAMPLER'S SIGNATURE

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX
[illegible]	[illegible]	1145		GW	9	X
[illegible]	[illegible]	[illegible]		GW	9	X

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX: Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics ☐ 624 ☐ 8260 ☐ 524.2 ☐ TTHMS ☐ HAA5 ☐ Chloride ☐ Sulfate ☐ Reactivity ☐ NO3 ☐ NO2 ☐ TKN ☐ TPH ☐ 1664 ☐ Oil & Grease ☐ TCLP Analysis ☐ VOA ☐ Semi-VOA ☐ Pest ☐ TCLP ☐ Metals ☐ Dissolved ☐ Total ☐ RCRA8 ☐ Total ☐ Cyanide ☐ Amen. ☐ WAD ☐ SDWA/INORGANICS PRIMARY ☐ SECONDARY ☐ MPN ☐ Coliform ☐ PIA ☐ Fecal ☐ pH ☐ Cl2 ☐ COD ☐ Turb ☐ TSS ☐ BOD ☐ 525 ATTACHED

1. RELINQUISHED BY:	2. RECEIVED BY:	TURNAROUND REQUIREMENTS:	REPORT REQUIREMENTS:	INVOICE INFORMATION:	SAMPLE RECEIPT:
Signature [signature]	Signature	____ Standard (approx. 10 days)*	____ I. Routine Report	Account ____ Y ____ N	Total Containers 18
Printed Name Tyler Hochstetler	Printed Name	____ Next Day ____ 2 Day ____ 5 Day*	____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)	P.O. #	Temperature 3.7
Firm Piteau	Firm	____ Email Preliminary Results	____ III. Date Validation Report (includes All Raw Data) Add 10% to Invoice	Bill to:	☑ Wet Ice ☐ Ambient ☐ Blue Ice IR # 48
Date/Time 10/30/2025 0810	Date/Time	* Working Days			

3. RELINQUISHED BY:	4. RECEIVED BY:	* LEGEND SAMPLE MATRIX			
Signature	Signature [signature]	DW = DRINKING WATER	Compliance Analysis: ☐ Yes ☐ No	Custody Seals ☐	Preservation Confirmation ☐
Printed Name	Printed Name [illegible]	GW = GROUNDWATER	CMDP Deliverable: ☐ Yes ☐ No	Container Intact ☐	Appropriate Head Space ☐
Firm	Firm TURNER LABORATORIES, INC.	SD = SOLID	Submit To CMDP: ☐ Yes ☐ No	COC / Labels Agree ☐	Received Within Hold Time ☐
Date/Time	Date/Time 10/30/25 810	SG = SLUDGE			
		SL = SOIL			
		ST = STORMWATER			
		WW = WASTEWATER			

SPECIAL INSTRUCTIONS/COMMENTS:
thochstetler@piteau.com

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 29, 2025
Sample Received: October 31, 2025
Analysis Completed: November 19, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0817-01	41.7 ± 2.1	39.5 ± 2.2	2.2 ± 3.0	17.0 ± 2.7	< 0.4	< 0.9	< 0.9

Analysis Date/Time	11/8/2025	11/6/2025	11/8/2025	11/14/2025	11/17/2025	11/17/2025	11/17/2025
	02:28	15:56	02:28	12:01	16:08	16:08	16:08

November 19, 2025
Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 29, 2025
Sample Received: October 31, 2025
Uranium Analysis Date: November 06, 2025
Uranium Analysis Time: 15:56

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0817-01	14.9 ± 0.9	0.692 ± 0.007	23.9 ± 1.3	39.5 ± 2.2	Activity (pCi/L)
	44.2 ± 2.8	0.323 ± 0.003	0.00384 ± 0.00020	44.5 ± 2.8	Content (µg/L)
	Comments:				

November 19, 2025
Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 29, 2025 (Sample Date) 11:45 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	11/8/2025	2.2 ± 3.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/8/2025	41.7 ± 2.1		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	11/6/2025	44.5 ± 2.8	µg/L	X
			Uranium 234	4007	11/6/2025	0.00384 ± 0.00020		
			Uranium 235	4008	11/6/2025	0.323 ± 0.003		
			Uranium 238	4009	11/6/2025	44.2 ± 2.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/17/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/17/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/17/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78556

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0817-01

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 29, 2025 (Sample Date) 11:45 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	11/14/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78556

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0817-01

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 29, 2025
Sample Received: October 31, 2025
Analysis Completed: November 19, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25J0817-02	26.1 ± 1.6	18.4 ± 1.5	7.7 ± 2.2	9.1 ± 2.6	0.6 ± 0.2	< 0.9	0.6 ± 0.2

Analysis Date/Time	11/8/2025	11/6/2025	11/8/2025	11/14/2025	11/17/2025	11/17/2025	11/17/2025
	04:09	16:10	04:09	15:21	20:09	20:09	20:09

November 19, 2025
Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: October 29, 2025
Sample Received: October 31, 2025
Uranium Analysis Date: November 06, 2025
Uranium Analysis Time: 16:10

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25J0817-02	6.8 ± 0.6	0.317 ± 0.004	11.2 ± 0.8	18.4 ± 1.5	Activity (pCi/L)
	20.3 ± 1.9	0.148 ± 0.002	0.00181 ± 0.00013	20.4 ± 1.9	Content (µg/L)
	Comments:				

November 19, 2025
.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 29, 2025 (Sample Date) 16:00 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	11/8/2025	7.7 ± 2.2		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/8/2025	26.1 ± 1.6		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	11/6/2025	20.4 ± 1.9	µg/L	
			Uranium 234	4007	11/6/2025	0.00181 ± 0.00013		
			Uranium 235	4008	11/6/2025	0.148 ± 0.002		
			Uranium 238	4009	11/6/2025	20.3 ± 1.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/17/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/17/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/17/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78557

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0817-02

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

October 29, 2025 (Sample Date) 16:00 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	11/14/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

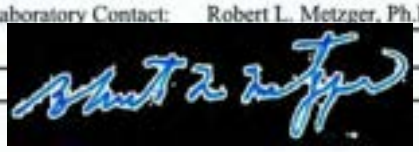
Specimen Number: RSE78557

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25J0817-02

Authorized Signature: 

Date Public Water System Notified:

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25J0817

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25J0817-01 Non-Potable Wa Sampled:10/29/2025 11:45			
Radiochemistry, Uranium	04/27/2026 11:45		
Radiochemistry, Radium 226/228	11/28/2025 11:45		78556
Radiochemistry, Gross Alpha Beta	04/27/2026 11:45		
Containers Supplied:			
Sample ID: 25J0817-02 Non-Potable Wa Sampled:10/29/2025 16:00			
Radiochemistry, Uranium	04/27/2026 16:00		
Radiochemistry, Radium 226/228	11/28/2025 16:00		
Radiochemistry, Gross Alpha Beta	04/27/2026 16:00		78557
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	10/30/25 1600	UPS	10/30/25 1600
Released By	Date	Received By	Date
		[signature]	10/31/25 12:13

December 09, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25K0354

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 4 sample(s) on 11/11/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Date Received: 11/11/2025

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25K0354-01	POC - 10	Ground Water	11/11/2025 1040
25K0354-02	POC - 08	Ground Water	11/11/2025 1310
25K0354-03	POC - 07	Ground Water	11/11/2025 1500
25K0354-04	DUP	Ground Water	11/11/2025 1110

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Date Received: 11/11/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

N1 = The Matrix Spike / Matrix Spike Duplicate was inadvertenly not spiked for this batch. The Laboratory Control Sample / Laboratory Control Sample Duplicate provide acceptable preceision and accuracy for the batch.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
N1	See case narrative.
R13	MS/MSD RPD exceeded method acceptance limit. Matrix spike recovery was outside acceptance criteria. Batch precision and accuracy were demonstrated.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 12/09/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Lab Sample ID: 25K0354-01

Client Sample ID: POC - 10
Collection Date/Time: 11/11/2025 1040
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.6		1.1		mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.6		0.60		mg/L	1	11/12/2025 0800	11/12/2025 2357	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	11/24/2025 0914	12/08/2025 1129	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0038		0.00056		mg/L	1	11/17/2025 1453	11/24/2025 1444	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	98		4.0		mg/L	1	11/24/2025 0800	12/01/2025 1625	RAR
Magnesium	17		3.0		mg/L	1	11/24/2025 0800	12/01/2025 1625	RAR
Potassium	2.0	0.14	5.0	E4	mg/L	1	11/24/2025 0800	12/01/2025 1625	RAR
Sodium	6.5		5.0		mg/L	1	11/24/2025 0800	12/01/2025 1625	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.026	0.013	0.040	E4	mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Antimony	0.00021	0.000039	0.00050	E4	mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Arsenic	0.0023		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Barium	0.022		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Beryllium	0.000039	0.000013	0.00025	E4	mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Cadmium	0.000063	0.000050	0.00025	E4	mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Chromium	0.0019		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Cobalt	0.00024	0.000010	0.00025	E4	mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Copper	0.00067		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Manganese	0.0095		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Molybdenum	0.062		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Nickel	0.0020		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Selenium	0.0098		0.0025		mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
Uranium	0.0033		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Lab Sample ID: 25K0354-01

Client Sample ID: POC - 10
Collection Date/Time: 11/11/2025 1040
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.014	0.0023	0.040	E4	mg/L	1	11/14/2025 1104	11/26/2025 1509	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	11/20/2025 1343	11/20/2025 1554	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11		1.0		mg/L	1	11/12/2025 0800	11/12/2025 2357	SS
Fluoride	0.81		0.50		mg/L	1	11/12/2025 0800	11/12/2025 2357	SS
Nitrogen, Nitrate (As N)	1.6		0.50		mg/L	1	11/12/2025 0800	11/12/2025 2357	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	11/12/2025 0800	11/12/2025 2357	SS
Sulfate	66		5.0	M1	mg/L	1	11/12/2025 0800	11/12/2025 2357	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	11/21/2025 1120	12/01/2025 0831	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	250		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Total (As CaCO3)	250		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	410		20		mg/L	1	11/12/2025 1018	11/18/2025 0956	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/24/2025 1323	11/24/2025 1620	SJS
pH-SM4500-H+ B									

Turner Laboratories, Inc.

Date: 12/09/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Lab Sample ID: 25K0354-01

Client Sample ID: POC - 10
Collection Date/Time: 11/11/2025 1040
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.4			H5	-	1	11/14/2025 1452	11/14/2025 1458	IM
Temperature (°C)	22			H5	-	1	11/14/2025 1452	11/14/2025 1458	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 0223	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	11/19/2025 1155	11/20/2025 0223	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 0223	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 0223	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/19/2025 1155	11/20/2025 0223	KP
Surr: 4-Bromofluorobenzene	*72*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 223*	*KP*
Surr: Dibromofluoromethane	*91*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 223*	*KP*
Surr: Toluene-d8	*79*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 223*	*KP*

Turner Laboratories, Inc.

Date: 12/09/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Lab Sample ID: 25K0354-02

Client Sample ID: POC - 08
Collection Date/Time: 11/11/2025 1310
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	11/12/2025 0800	11/13/2025 0017	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.55		0.30		mg/L	1	11/24/2025 0914	12/08/2025 1135	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.00013	0.000016	0.00056	E4	mg/L	1	11/17/2025 1453	11/24/2025 1447	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	88		4.0		mg/L	1	11/24/2025 0800	12/01/2025 1628	RAR
Magnesium	13		3.0		mg/L	1	11/24/2025 0800	12/01/2025 1628	RAR
Potassium	2.7	0.14	5.0	E4	mg/L	1	11/24/2025 0800	12/01/2025 1628	RAR
Sodium	16		5.0		mg/L	1	11/24/2025 0800	12/01/2025 1628	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Antimony	0.000076	0.000039	0.00050	E4	mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Arsenic	0.0012		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Barium	0.045		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Chromium	0.00084		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Cobalt	0.00014	0.000010	0.00025	E4	mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Copper	0.00078		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Manganese	0.28		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Molybdenum	0.85		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Nickel	0.0014		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Selenium	0.00080	0.00025	0.0025	E4	mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Uranium	0.00014	0.000015	0.00050	E4	mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	11/14/2025 1104	11/26/2025 1512	RAR

Turner Laboratories, Inc.

Date: 12/09/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Lab Sample ID: 25K0354-02

Client Sample ID: POC - 08
Collection Date/Time: 11/11/2025 1310
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	11/20/2025 1343	11/20/2025 1556	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11		1.0		mg/L	1	11/12/2025 0800	11/13/2025 0017	SS
Fluoride	1.4		0.50		mg/L	1	11/12/2025 0800	11/13/2025 0017	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	11/12/2025 0800	11/13/2025 0017	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	11/12/2025 0800	11/13/2025 0017	SS
Sulfate	110		10	M1	mg/L	2	11/12/2025 0800	11/21/2025 0453	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	11/21/2025 1120	12/01/2025 0831	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	170		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Total (As CaCO3)	170		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	380		20		mg/L	1	11/12/2025 1018	11/18/2025 0956	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/24/2025 1323	11/24/2025 1620	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.9			H5	-	1	11/14/2025 1452	11/14/2025 1501	IM
Temperature (°C)	22			H5	-	1	11/14/2025 1452	11/14/2025 1501	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Lab Sample ID: 25K0354-02

Client Sample ID: POC - 08
Collection Date/Time: 11/11/2025 1310
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	0.19	0.063	0.50	E4	ug/L	1	11/25/2025 1000	11/25/2025 1820	ES
Carbon disulfide	0.21	0.11	2.0	E4	ug/L	1	11/25/2025 1000	11/25/2025 1820	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/25/2025 1000	11/25/2025 1820	ES
Toluene	0.29	0.057	0.50	E4	ug/L	1	11/25/2025 1000	11/25/2025 1820	ES
Xylenes, Total	0.22	0.13	1.5	E8	ug/L	1	11/25/2025 1000	11/25/2025 1820	ES
Surr: 4-Bromofluorobenzene	*115*	*70-130*			*%REC*	*1*	*11/25/2025 1000*	*11/25/2025 1820*	*ES*
Surr: Dibromofluoromethane	*88*	*70-130*			*%REC*	*1*	*11/25/2025 1000*	*11/25/2025 1820*	*ES*
Surr: Toluene-d8	*107*	*70-130*			*%REC*	*1*	*11/25/2025 1000*	*11/25/2025 1820*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Lab Sample ID: 25K0354-03

Client Sample ID: POC - 07
Collection Date/Time: 11/11/2025 1500
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	11/12/2025 0800	11/13/2025 0036	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.15	0.020	0.30	E8	mg/L	1	11/24/2025 0914	12/08/2025 1141	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0014		0.00056		mg/L	1	11/17/2025 1453	11/24/2025 1450	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	120		4.0		mg/L	1	11/24/2025 0800	12/01/2025 1650	RAR
Magnesium	14		3.0		mg/L	1	11/24/2025 0800	12/01/2025 1650	RAR
Potassium	8.4		5.0		mg/L	1	11/24/2025 0800	12/01/2025 1650	RAR
Sodium	7.2		5.0		mg/L	1	11/24/2025 0800	12/01/2025 1650	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Antimony	0.000095	0.000039	0.00050	E4	mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Arsenic	0.013		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Barium	0.042		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Chromium	0.00074		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Cobalt	0.00030		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Copper	0.00030	0.00015	0.00050	E4	mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Manganese	0.37		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Molybdenum	0.039		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Nickel	0.0022		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Selenium	0.0014	0.00025	0.0025	E4	mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Uranium	0.0013		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	11/14/2025 1104	11/26/2025 1515	RAR

Turner Laboratories, Inc.

Date: 12/09/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Lab Sample ID: 25K0354-03

Client Sample ID: POC - 07
Collection Date/Time: 11/11/2025 1500
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	11/20/2025 1343	11/20/2025 1559	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11		1.0		mg/L	1	11/12/2025 0800	11/13/2025 0036	SS
Fluoride	0.47		0.50		mg/L	1	11/12/2025 0800	11/13/2025 0036	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	11/12/2025 0800	11/13/2025 0036	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	11/12/2025 0800	11/13/2025 0036	SS
Sulfate	230		25		mg/L	5	11/12/2025 0800	11/21/2025 0517	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	2.4		0.50		mg/L	1	11/21/2025 1120	12/01/2025 0831	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	150		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Total (As CaCO3)	150		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	570		20		mg/L	1	11/17/2025 1035	11/19/2025 1354	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/24/2025 1323	11/24/2025 1620	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.4			H5	-	1	11/14/2025 1452	11/14/2025 1503	IM
Temperature (°C)	22			H5	-	1	11/14/2025 1452	11/14/2025 1503	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Lab Sample ID: 25K0354-03

Client Sample ID: POC - 07
Collection Date/Time: 11/11/2025 1500
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	0.077	0.063	0.50	E4	ug/L	1	11/25/2025 1000	11/25/2025 1855	ES
Carbon disulfide	0.33	0.11	2.0	E4	ug/L	1	11/25/2025 1000	11/25/2025 1855	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/25/2025 1000	11/25/2025 1855	ES
Toluene	0.11	0.057	0.50	E4	ug/L	1	11/25/2025 1000	11/25/2025 1855	ES
Xylenes, Total	0.23	0.13	1.5	E8	ug/L	1	11/25/2025 1000	11/25/2025 1855	ES
Surr: 4-Bromofluorobenzene	*112*	*70-130*			*%REC*	*1*	*11/25/2025 1000*	*11/25/2025 1855*	*ES*
Surr: Dibromofluoromethane	*88*	*70-130*			*%REC*	*1*	*11/25/2025 1000*	*11/25/2025 1855*	*ES*
Surr: Toluene-d8	*106*	*70-130*			*%REC*	*1*	*11/25/2025 1000*	*11/25/2025 1855*	*ES*

Client: Copper World, Inc. **Client Sample ID:** DUP
Project: Ambient GW Monitoring **Collection Date/Time:** 11/11/2025 1110
Work Order: 25K0354 **Matrix:** Ground Water
Lab Sample ID: 25K0354-04

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.6		1.1		mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.6		0.60		mg/L	1	11/12/2025 0800	11/13/2025 0055	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.022	0.020	0.30	E8	mg/L	1	11/24/2025 0914	12/08/2025 1147	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0037		0.00056		mg/L	1	11/17/2025 1453	11/24/2025 1453	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	95		4.0		mg/L	1	11/24/2025 0800	12/01/2025 1654	RAR
Magnesium	16		3.0		mg/L	1	11/24/2025 0800	12/01/2025 1654	RAR
Potassium	2.0	0.14	5.0	E4	mg/L	1	11/24/2025 0800	12/01/2025 1654	RAR
Sodium	6.3		5.0		mg/L	1	11/24/2025 0800	12/01/2025 1654	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Antimony	0.00020	0.000039	0.00050	E4	mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Arsenic	0.0024		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Barium	0.022		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Chromium	0.0017		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Cobalt	0.00017	0.000010	0.00025	E4	mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Copper	0.00048	0.00015	0.00050	E4	mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Manganese	0.0020		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Molybdenum	0.061		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Nickel	0.0021		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Selenium	0.010		0.0025		mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Uranium	0.0032		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR
Zinc	0.0055	0.0023	0.040	E4	mg/L	1	11/14/2025 1104	11/26/2025 1549	RAR

Turner Laboratories, Inc.

Date: 12/09/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Lab Sample ID: 25K0354-04

Client Sample ID: DUP
Collection Date/Time: 11/11/2025 1110
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	11/20/2025 1343	11/20/2025 1601	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11		1.0		mg/L	1	11/12/2025 0800	11/13/2025 0055	SS
Fluoride	0.80		0.50		mg/L	1	11/12/2025 0800	11/13/2025 0055	SS
Nitrogen, Nitrate (As N)	1.6		0.50		mg/L	1	11/12/2025 0800	11/13/2025 0055	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	11/12/2025 0800	11/13/2025 0055	SS
Sulfate	67		5.0		mg/L	1	11/12/2025 0800	11/13/2025 0055	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	11/21/2025 1120	12/01/2025 0831	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	250		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Alkalinity, Total (As CaCO3)	250		2.0		mg/L	1	11/20/2025 0953	11/20/2025 1537	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	400		20		mg/L	1	11/17/2025 1035	11/19/2025 1354	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/24/2025 1323	11/24/2025 1620	SJS
pH-SM4500-H+ B									
pH (pH Units)	730			H5	-	1	11/14/2025 1452	11/14/2025 1505	IM
Temperature (°C)	22			H5	-	1	11/14/2025 1452	11/14/2025 1505	IM

Client: Copper World, Inc. **Client Sample ID:** DUP
Project: Ambient GW Monitoring **Collection Date/Time:** 11/11/2025 1110
Work Order: 25K0354 **Matrix:** Ground Water
Lab Sample ID: 25K0354-04

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/25/2025 1000	11/25/2025 1930	ES
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	11/25/2025 1000	11/25/2025 1930	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/25/2025 1000	11/25/2025 1930	ES
Toluene	0.077	0.057	0.50	E4	ug/L	1	11/25/2025 1000	11/25/2025 1930	ES
Xylenes, Total	0.22	0.13	1.5	E8	ug/L	1	11/25/2025 1000	11/25/2025 1930	ES
Surr: 4-Bromofluorobenzene	*121*	*70-130*			*%REC*	*1*	*11/25/2025 1000*	*11/25/2025 1930*	*ES*
Surr: Dibromofluoromethane	*93*	*70-130*			*%REC*	*1*	*11/25/2025 1000*	*11/25/2025 1930*	*ES*
Surr: Toluene-d8	*113*	*70-130*			*%REC*	*1*	*11/25/2025 1000*	*11/25/2025 1930*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Date Received: 11/11/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511140 - EPA 200.8 (5.4)										
Blank (2511140-BLK1)				Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	0.000015	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	0.00017	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	0.000072	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2511140-BS1)				Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	0.10	0.040	mg/L	0.1000		104	85-115			
Antimony	0.051	0.00050	mg/L	0.05000		102	85-115			
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115			
Barium	0.051	0.00050	mg/L	0.05000		103	85-115			
Beryllium	0.051	0.00025	mg/L	0.05000		102	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		99	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115			
Copper	0.049	0.00050	mg/L	0.05000		99	85-115			
Lead	0.047	0.00050	mg/L	0.05000		94	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		99	85-115			
Molybdenum	0.050	0.00025	mg/L	0.05000		101	85-115			
Nickel	0.050	0.00050	mg/L	0.05000		101	85-115			
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115			
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115			
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115			
Zinc	0.10	0.040	mg/L	0.1000		101	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Date Received: 11/11/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511140 - EPA 200.8 (5.4)										
LCS Dup (2511140-BSD1)				Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	0.10	0.040	mg/L	0.1000		103	85-115	0.3	20	
Antimony	0.051	0.00050	mg/L	0.05000		101	85-115	1	20	
Arsenic	0.051	0.00050	mg/L	0.05000		101	85-115	1	20	
Barium	0.051	0.00050	mg/L	0.05000		103	85-115	0.1	20	
Beryllium	0.051	0.00025	mg/L	0.05000		103	85-115	0.9	20	
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115	0.2	20	
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115	0.7	20	
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115	0.04	20	
Copper	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Lead	0.047	0.00050	mg/L	0.05000		95	85-115	0.4	20	
Manganese	0.050	0.00025	mg/L	0.05000		100	85-115	0.2	20	
Molybdenum	0.049	0.00025	mg/L	0.05000		99	85-115	2	20	
Nickel	0.050	0.00050	mg/L	0.05000		100	85-115	0.6	20	
Selenium	0.051	0.0025	mg/L	0.05000		102	85-115	3	20	
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115	0.4	20	
Uranium	0.051	0.00050	mg/L	0.05000		101	85-115	0.2	20	
Zinc	0.10	0.040	mg/L	0.1000		102	85-115	0.5	20	
Matrix Spike (2511140-MS1)		**Source: 25J0817-02**		Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	0.11	0.040	mg/L	0.1000	ND	106	70-130			
Antimony	0.054	0.00050	mg/L	0.05000	ND	109	70-130			
Arsenic	0.061	0.00050	mg/L	0.05000	0.0044	112	70-130			
Barium	0.15	0.00050	mg/L	0.05000	0.095	100	70-130			
Beryllium	0.053	0.00025	mg/L	0.05000	ND	106	70-130			
Cadmium	0.051	0.00025	mg/L	0.05000	ND	102	70-130			
Chromium	0.051	0.00050	mg/L	0.05000	0.00053	101	70-130			
Cobalt	0.050	0.00025	mg/L	0.05000	0.00011	99	70-130			
Copper	0.048	0.00050	mg/L	0.05000	0.0018	93	70-130			
Lead	0.048	0.00050	mg/L	0.05000	ND	97	70-130			
Manganese	0.12	0.00025	mg/L	0.05000	0.072	99	70-130			
Molybdenum	0.092	0.00025	mg/L	0.05000	0.039	105	70-130			
Nickel	0.048	0.00050	mg/L	0.05000	0.00094	95	70-130			
Selenium	0.060	0.0025	mg/L	0.05000	0.0015	118	70-130			
Thallium	0.051	0.00050	mg/L	0.05000	ND	103	70-130			
Uranium	0.080	0.00050	mg/L	0.05000	0.024	111	70-130			
Zinc	0.11	0.040	mg/L	0.1000	0.0025	103	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Date Received: 11/11/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511140 - EPA 200.8 (5.4)										
Matrix Spike (2511140-MS2)		**Source: 25K0027-01**		Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	0.13	0.040	mg/L	0.1400	ND	95	70-130			
Antimony	0.073	0.00050	mg/L	0.07000	0.00011	104	70-130			
Arsenic	0.081	0.00050	mg/L	0.07000	0.0057	107	70-130			
Barium	0.16	0.00050	mg/L	0.07000	0.085	103	70-130			
Beryllium	0.072	0.00025	mg/L	0.07000	0.000014	103	70-130			
Cadmium	0.069	0.00025	mg/L	0.07000	0.00011	98	70-130			
Chromium	0.070	0.00050	mg/L	0.07000	0.00040	99	70-130			
Cobalt	0.068	0.00025	mg/L	0.07000	0.00017	96	70-130			
Copper	0.065	0.00050	mg/L	0.07000	0.0025	89	70-130			
Lead	0.069	0.00050	mg/L	0.07000	0.0014	97	70-130			
Manganese	0.068	0.00025	mg/L	0.07000	0.00040	96	70-130			
Molybdenum	0.073	0.00025	mg/L	0.07000	0.0013	103	70-130			
Nickel	0.066	0.00050	mg/L	0.07000	0.0014	92	70-130			
Selenium	0.080	0.0025	mg/L	0.07000	0.0025	110	70-130			
Thallium	0.071	0.00050	mg/L	0.07000	0.000025	102	70-130			
Uranium	0.081	0.00050	mg/L	0.07000	0.0034	111	70-130			
Zinc	0.23	0.040	mg/L	0.1400	0.098	92	70-130			
Batch 2511157 - E200.8 (5.4)										
Blank (2511157-BLK1)				Prepared: 11/17/2025 Analyzed: 11/24/2025						
Uranium	ND	0.00050	mg/L							
LCS (2511157-BS1)				Prepared: 11/17/2025 Analyzed: 11/24/2025						
Uranium	0.049	0.00050	mg/L	0.05000		97	85-115			
LCS Dup (2511157-BSD1)				Prepared: 11/17/2025 Analyzed: 11/24/2025						
Uranium	0.048	0.00050	mg/L	0.05000		96	85-115	0.8	20	
Matrix Spike (2511157-MS1)		**Source: 25K0117-01**		Prepared: 11/17/2025 Analyzed: 11/24/2025						
Uranium	0.063	0.00050	mg/L	0.05000	0.00098	123	70-130			
Matrix Spike (2511157-MS2)		**Source: 25K0118-01**		Prepared: 11/17/2025 Analyzed: 11/24/2025						
Uranium	0.063	0.00050	mg/L	0.05000	0.0012	124	70-130			
Batch 2511199 - EPA 245.1										
Blank (2511199-BLK1)				Prepared & Analyzed: 11/20/2025						
Mercury	ND	0.0010	mg/L							
LCS (2511199-BS1)				Prepared & Analyzed: 11/20/2025						
Mercury	0.0053	0.0010	mg/L	0.005000		107	85-115			
LCS Dup (2511199-BSD1)				Prepared & Analyzed: 11/20/2025						
Mercury	0.0053	0.0010	mg/L	0.005000		106	85-115	0.2	20	
Matrix Spike (2511199-MS1)		**Source: 25K0326-01**		Prepared & Analyzed: 11/20/2025						
Mercury	0.0047	0.0010	mg/L	0.005000	ND	95	70-130			
Matrix Spike (2511199-MS2)		**Source: 25K0326-02**		Prepared & Analyzed: 11/20/2025						
Mercury	0.0050	0.0010	mg/L	0.005000	ND	99	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Date Received: 11/11/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511199 - EPA 245.1										
Matrix Spike Dup (2511199-MSD1)	**Source: 25K0326-01**			Prepared & Analyzed: 11/20/2025						
Mercury	0.0047	0.0010	mg/L	0.005000	ND	94	70-130	0.8	20	
Matrix Spike Dup (2511199-MSD2)	**Source: 25K0326-02**			Prepared & Analyzed: 11/20/2025						
Mercury	0.0050	0.0010	mg/L	0.005000	ND	99	70-130	0.2	20	
Batch 2511224 - EPA 200.7 (4.4)										
Blank (2511224-BLK1)				Prepared: 11/24/2025 Analyzed: 12/01/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.92	5.0	mg/L							
LCS (2511224-BS1)				Prepared: 11/24/2025 Analyzed: 12/01/2025						
Calcium	9.9	4.0	mg/L	10.00		99	85-115			
Magnesium	9.8	3.0	mg/L	10.00		98	85-115			
Potassium	10	5.0	mg/L	10.00		102	85-115			
Sodium	10	5.0	mg/L	10.00		104	85-115			
LCS Dup (2511224-BSD1)				Prepared: 11/24/2025 Analyzed: 12/01/2025						
Calcium	9.6	4.0	mg/L	10.00		96	85-115	4	20	
Magnesium	9.4	3.0	mg/L	10.00		94	85-115	4	20	
Potassium	9.9	5.0	mg/L	10.00		99	85-115	3	20	
Sodium	10	5.0	mg/L	10.00		101	85-115	4	20	
Matrix Spike (2511224-MS1)	**Source: 25K0312-01**			Prepared: 11/24/2025 Analyzed: 12/01/2025						
Calcium	120	4.0	mg/L	10.00	120	60	70-130			M2
Magnesium	36	3.0	mg/L	10.00	27	91	70-130			
Potassium	16	5.0	mg/L	10.00	5.7	104	70-130			
Sodium	130	5.0	mg/L	10.00	120	75	70-130			
Matrix Spike (2511224-MS2)	**Source: 25K0312-02**			Prepared: 11/24/2025 Analyzed: 12/01/2025						
Calcium	140	4.0	mg/L	10.00	130	66	70-130			M2
Magnesium	40	3.0	mg/L	10.00	30	94	70-130			
Potassium	16	5.0	mg/L	10.00	5.4	105	70-130			
Sodium	160	5.0	mg/L	10.00	150	59	70-130			M2
Batch 2512029 - E200.7 (4.4)										
Blank (2512029-BLK1)				Prepared: 11/24/2025 Analyzed: 12/08/2025						
Iron	ND	0.30	mg/L							
LCS (2512029-BS1)				Prepared: 11/24/2025 Analyzed: 12/08/2025						
Iron	1.1	0.30	mg/L	1.111		103	85-115			
LCS Dup (2512029-BSD1)				Prepared: 11/24/2025 Analyzed: 12/08/2025						
Iron	1.1	0.30	mg/L	1.111		102	85-115	1	20	
Matrix Spike (2512029-MS1)	**Source: 25K0354-01**			Prepared: 11/24/2025 Analyzed: 12/08/2025						
Iron	1.1	0.30	mg/L	1.111	ND	98	70-130			

Client: Copper World, Inc.
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512029 - E200.7 (4.4)										
Matrix Spike (2512029-MS2)	**Source: 25K0354-02**			Prepared: 11/24/2025 Analyzed: 12/08/2025						
Iron	1.6	0.30	mg/L	1.111	0.55	97	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511107 - SM2540 C										
Duplicate (2511107-DUP1)		**Source: 25K0239-02**		Prepared: 11/12/2025 Analyzed: 11/18/2025						
Total Dissolved Solids (Residue, Filterable)	640	20	mg/L		620			3	5	
Duplicate (2511107-DUP2)		**Source: 25K0239-03**		Prepared: 11/12/2025 Analyzed: 11/18/2025						
Total Dissolved Solids (Residue, Filterable)	610	20	mg/L		620			0.3	5	
Batch 2511142 - SM4500-H+ B										
Duplicate (2511142-DUP1)		**Source: 25K0411-04**		Prepared & Analyzed: 11/14/2025						
pH (pH Units)	7.4		-		7.4			0.3	200	H5
Temperature (°C)	23		-		22			2	200	H5
Batch 2511154 - SM2540 C										
Duplicate (2511154-DUP1)		**Source: 25K0354-03**		Prepared: 11/17/2025 Analyzed: 11/19/2025						
Total Dissolved Solids (Residue, Filterable)	580	20	mg/L		570			2	5	
Duplicate (2511154-DUP2)		**Source: 25K0359-01**		Prepared: 11/17/2025 Analyzed: 11/19/2025						
Total Dissolved Solids (Residue, Filterable)	460	20	mg/L		460			1	5	
Batch 2511180 - EPA 351.2										
Blank (2511180-BLK1)				Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2511180-BS1)				Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000		97	80-120			
LCS Dup (2511180-BSD1)				Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000		98	80-120	0.8	20	
Matrix Spike (2511180-MS1)		**Source: 25K0239-02**		Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.64	88	80-120			
Matrix Spike (2511180-MS2)		**Source: 25K0239-01**		Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	5.7	0.50	mg/L	5.000	1.2	90	80-120			R13
Matrix Spike Dup (2511180-MSD1)		**Source: 25K0239-02**		Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.64	88	80-120	0.2	20	
Matrix Spike Dup (2511180-MSD2)		**Source: 25K0239-01**		Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	4.8	0.50	mg/L	5.000	1.2	71	80-120	19	20	M2, R13
Batch 2511193 - SM2320B										
Blank (2511193-BLK1)				Prepared & Analyzed: 11/20/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511193 - SM2320B										
LCS (2511193-BS1)				Prepared & Analyzed: 11/20/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		98	90-110			
LCS Dup (2511193-BSD1)				Prepared & Analyzed: 11/20/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		98	90-110	0	10	
Matrix Spike (2511193-MS1)		**Source: 25K0326-01**		Prepared & Analyzed: 11/20/2025						
Alkalinity, Total (As CaCO3)	370	2.0	mg/L	250.0	130	94	70-130			
Matrix Spike Dup (2511193-MSD1)		**Source: 25K0326-01**		Prepared & Analyzed: 11/20/2025						
Alkalinity, Total (As CaCO3)	360	2.0	mg/L	250.0	130	94	70-130	0.5	10	
Batch 2511210 - SM 4500-NH3 B, F										
Blank (2511210-BLK1)				Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2511210-BS1)				Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		99	90-110			
LCS Dup (2511210-BSD1)				Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500		97	90-110	2	10	
Matrix Spike (2511210-MS1)		**Source: 25K0263-01**		Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2511210-MSD1)		**Source: 25K0263-01**		Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2
Batch 2511216 - SM4500-CN BE										
Blank (2511216-BLK1)				Prepared & Analyzed: 11/24/2025						
Cyanide	ND	0.10	mg/L							
LCS (2511216-BS1)				Prepared & Analyzed: 11/24/2025						
Cyanide	1.9	0.10	mg/L	2.000		97	85-115			
LCS Dup (2511216-BSD1)				Prepared & Analyzed: 11/24/2025						
Cyanide	2.1	0.10	mg/L	2.000		104	85-115	7	15	
Matrix Spike (2511216-MS1)		**Source: 25K0453-04**		Prepared & Analyzed: 11/24/2025						
Cyanide	1.8	0.10	mg/L	2.000	ND	92	80-120			
Matrix Spike Dup (2511216-MSD1)		**Source: 25K0453-04**		Prepared & Analyzed: 11/24/2025						
Cyanide	1.9	0.10	mg/L	2.000	ND	97	80-120	5	15	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511182 - SW8260B										
Blank (2511182-BLK1)				Prepared & Analyzed: 11/19/2025						
Benzene	0.13	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.060	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*22.5*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*25.3*		*ug/L*	*25.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*23.7*		*ug/L*	*25.00*		*95*	*70-130*			
Blank (2511182-BLK2)				Prepared: 11/19/2025 Analyzed: 11/20/2025						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*18.9*		*ug/L*	*25.00*		*76*	*70-130*			
Surrogate: Dibromofluoromethane	*24.1*		*ug/L*	*25.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*20.3*		*ug/L*	*25.00*		*81*	*70-130*			
LCS (2511182-BS1)				Prepared & Analyzed: 11/19/2025						
1,1-Dichloroethene	31		ug/L	25.00		124	70-130			
Benzene	28		ug/L	25.00		113	70-130			
Chlorobenzene	29		ug/L	25.00		115	70-130			
Toluene	29		ug/L	25.00		115	70-130			
Trichloroethene	28		ug/L	25.00		110	70-130			
Surrogate: 4-Bromofluorobenzene	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			
Surrogate: Dibromofluoromethane	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*24.0*		*ug/L*	*25.00*		*96*	*70-130*			
LCS (2511182-BS2)				Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	31		ug/L	25.00		123	70-130			
Benzene	28		ug/L	25.00		110	70-130			
Chlorobenzene	24		ug/L	25.00		97	70-130			
Toluene	25		ug/L	25.00		99	70-130			
Trichloroethene	25		ug/L	25.00		100	70-130			
Surrogate: 4-Bromofluorobenzene	*20.8*		*ug/L*	*25.00*		*83*	*70-130*			
Surrogate: Dibromofluoromethane	*24.8*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*22.8*		*ug/L*	*25.00*		*91*	*70-130*			
LCS Dup (2511182-BSD1)				Prepared & Analyzed: 11/19/2025						
1,1-Dichloroethene	31		ug/L	25.00		122	70-130	2	30	
Benzene	28		ug/L	25.00		113	70-130	0.1	30	
Chlorobenzene	27		ug/L	25.00		108	70-130	7	30	
Toluene	27		ug/L	25.00		109	70-130	6	30	
Trichloroethene	27		ug/L	25.00		107	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*22.6*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			

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Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511182 - SW8260B										
LCS Dup (2511182-BSD2)				Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	31		ug/L	25.00		124	70-130	0.8	30	
Benzene	28		ug/L	25.00		111	70-130	0.7	30	
Chlorobenzene	24		ug/L	25.00		97	70-130	0.1	30	
Toluene	25		ug/L	25.00		99	70-130	0.3	30	
Trichloroethene	25		ug/L	25.00		98	70-130	1	30	
Surrogate: 4-Bromofluorobenzene	*20.9*		*ug/L*	*25.00*		*83*	*70-130*			
Surrogate: Dibromofluoromethane	*25.1*		*ug/L*	*25.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			
Matrix Spike (2511182-MS1)		**Source: 25K0411-02**		Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	27		ug/L	25.00	0.010	110	70-130			
Benzene	25		ug/L	25.00	0.010	98	70-130			
Chlorobenzene	25		ug/L	25.00	0.010	100	70-130			
Toluene	25		ug/L	25.00	0.010	101	70-130			
Trichloroethene	24		ug/L	25.00	0.010	98	70-130			
Surrogate: 4-Bromofluorobenzene	*22.4*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*25.6*		*ug/L*	*25.00*		*102*	*70-130*			
Matrix Spike (2511182-MS2)		**Source: 25K0428-01**		Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	27		ug/L	25.00	0.020	109	70-130			
Benzene	25		ug/L	25.00	0.010	100	70-130			
Chlorobenzene	26		ug/L	25.00	0.0	106	70-130			
Toluene	26		ug/L	25.00	0.010	106	70-130			
Trichloroethene	25		ug/L	25.00	0.0	101	70-130			
Surrogate: 4-Bromofluorobenzene	*21.0*		*ug/L*	*25.00*		*84*	*70-130*			
Surrogate: Dibromofluoromethane	*22.5*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Toluene-d8	*24.9*		*ug/L*	*25.00*		*100*	*70-130*			
Matrix Spike (2511182-MS3)		**Source: 25K0453-03**		Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	27		ug/L	25.00	0.010	107	70-130			
Benzene	24		ug/L	25.00	0.0	98	70-130			
Chlorobenzene	26		ug/L	25.00	0.0	105	70-130			
Toluene	26		ug/L	25.00	0.010	105	70-130			
Trichloroethene	25		ug/L	25.00	0.0	99	70-130			
Surrogate: 4-Bromofluorobenzene	*21.4*		*ug/L*	*25.00*		*86*	*70-130*			
Surrogate: Dibromofluoromethane	*21.9*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Toluene-d8	*25.2*		*ug/L*	*25.00*		*101*	*70-130*			
Matrix Spike Dup (2511182-MSD1)		**Source: 25K0411-02**		Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	26		ug/L	25.00	0.010	103	70-130	6	30	
Benzene	24		ug/L	25.00	0.010	96	70-130	3	30	
Chlorobenzene	25		ug/L	25.00	0.010	99	70-130	1	30	
Toluene	25		ug/L	25.00	0.010	99	70-130	2	30	
Trichloroethene	23		ug/L	25.00	0.010	93	70-130	5	30	
Surrogate: 4-Bromofluorobenzene	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*22.7*		*ug/L*	*25.00*		*91*	*70-130*			
Surrogate: Toluene-d8	*24.9*		*ug/L*	*25.00*		*100*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511182 - SW8260B										
Matrix Spike Dup (2511182-MSD2)	**Source: 25K0428-01**			Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	26		ug/L	25.00	0.020	102	70-130	7	30	
Benzene	24		ug/L	25.00	0.010	96	70-130	4	30	
Chlorobenzene	25		ug/L	25.00	0.0	100	70-130	5	30	
Toluene	25		ug/L	25.00	0.010	102	70-130	4	30	
Trichloroethene	24		ug/L	25.00	0.0	97	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*20.8*		*ug/L*	*25.00*		*83*	*70-130*			
Surrogate: Dibromofluoromethane	*21.8*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Toluene-d8	*24.6*		*ug/L*	*25.00*		*98*	*70-130*			
Matrix Spike Dup (2511182-MSD3)	**Source: 25K0453-03**			Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	25		ug/L	25.00	0.010	100	70-130	7	30	
Benzene	23		ug/L	25.00	0.0	92	70-130	6	30	
Chlorobenzene	25		ug/L	25.00	0.0	102	70-130	3	30	
Toluene	26		ug/L	25.00	0.010	102	70-130	3	30	
Trichloroethene	24		ug/L	25.00	0.0	96	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Toluene-d8	*25.7*		*ug/L*	*25.00*		*103*	*70-130*			
Batch 2512001 - SW8260B										
Blank (2512001-BLK1)				Prepared & Analyzed: 11/25/2025						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.055	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*61.1*		*ug/L*	*50.00*		*122*	*70-130*			
Surrogate: Dibromofluoromethane	*43.9*		*ug/L*	*50.00*		*88*	*70-130*			
Surrogate: Toluene-d8	*54.6*		*ug/L*	*50.00*		*109*	*70-130*			
LCS (2512001-BS1)				Prepared & Analyzed: 11/25/2025						
1,1-Dichloroethene	41	0.50	ug/L	50.00		83	70-130			N1
Benzene	50	0.50	ug/L	50.00		99	70-130			N1
Chlorobenzene	54	0.50	ug/L	50.00		108	70-130			N1
Toluene	57	0.50	ug/L	50.00		113	70-130			N1
Trichloroethene	47	0.50	ug/L	50.00		93	70-130			N1
Surrogate: 4-Bromofluorobenzene	*60.0*		*ug/L*	*50.00*		*120*	*70-130*			*N1*
Surrogate: Dibromofluoromethane	*44.4*		*ug/L*	*50.00*		*89*	*70-130*			*N1*
Surrogate: Toluene-d8	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			*N1*

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512001 - SW8260B										
LCS Dup (2512001-BSD1)				Prepared & Analyzed: 11/25/2025						
1,1-Dichloroethene	41	0.50	ug/L	50.00		82	70-130	0.6	30	N1
Benzene	50	0.50	ug/L	50.00		100	70-130	1	30	N1
Chlorobenzene	52	0.50	ug/L	50.00		103	70-130	4	30	N1
Toluene	54	0.50	ug/L	50.00		107	70-130	5	30	N1
Trichloroethene	45	0.50	ug/L	50.00		91	70-130	3	30	N1
Surrogate: 4-Bromofluorobenzene	*60.4*		*ug/L*	*50.00*		*121*	*70-130*			*N1*
Surrogate: Dibromofluoromethane	*46.0*		*ug/L*	*50.00*		*92*	*70-130*			*N1*
Surrogate: Toluene-d8	*54.4*		*ug/L*	*50.00*		*109*	*70-130*			*N1*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Date Received: 11/11/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511125 - EPA 300.0 (2.1)										
Blank (2511125-BLK1)				Prepared & Analyzed: 11/12/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2511125-BS1)				Prepared & Analyzed: 11/12/2025						
Chloride	12	1.0	mg/L	12.50		95	90-110			
Fluoride	1.9	0.50	mg/L	2.000		97	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		97	90-110			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		98	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2511125-BSD1)				Prepared & Analyzed: 11/12/2025						
Chloride	12	1.0	mg/L	12.50		95	90-110	0.1	10	
Fluoride	1.9	0.50	mg/L	2.000		97	90-110	0.4	10	
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		97	90-110	0.2	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		98	90-110	0.03	10	
Sulfate	13	5.0	mg/L	12.50		104	90-110	0.2	10	
Matrix Spike (2511125-MS1)	**Source: 25K0354-01**			Prepared: 11/13/2025 Analyzed: 11/21/2025						
Chloride	23	1.0	mg/L	12.50	11	99	80-120			
Fluoride	2.9	0.50	mg/L	2.000	0.81	103	80-120			
Nitrogen, Nitrate (As N)	6.4	0.50	mg/L	5.000	1.6	95	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	74	5.0	mg/L	12.50	66	60	80-120			M2
Matrix Spike (2511125-MS2)	**Source: 25K0354-04**			Prepared: 11/13/2025 Analyzed: 11/21/2025						
Chloride	23	1.0	mg/L	12.50	11	98	80-120			
Fluoride	2.9	0.50	mg/L	2.000	0.80	104	80-120			
Nitrogen, Nitrate (As N)	6.4	0.50	mg/L	5.000	1.6	96	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	98	80-120			
Sulfate	74	5.0	mg/L	12.50	67	59	80-120			M2
Matrix Spike (2511125-MS3)	**Source: 25K0389-01**			Prepared: 11/13/2025 Analyzed: 11/21/2025						
Chloride	22	1.0	mg/L	12.50	9.8	98	80-120			
Fluoride	2.6	0.50	mg/L	2.000	0.58	101	80-120			
Nitrogen, Nitrate (As N)	6.1	0.50	mg/L	5.000	1.2	96	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	21	5.0	mg/L	12.50	11	81	80-120			
Matrix Spike Dup (2511125-MSD1)	**Source: 25K0354-01**			Prepared: 11/13/2025 Analyzed: 11/21/2025						
Chloride	23	1.0	mg/L	12.50	11	99	80-120	0.08	10	
Fluoride	2.9	0.50	mg/L	2.000	0.81	102	80-120	0.2	10	
Nitrogen, Nitrate (As N)	6.3	0.50	mg/L	5.000	1.6	94	80-120	0.1	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120	0.6	10	
Sulfate	74	5.0	mg/L	12.50	66	60	80-120	0.1	10	M2

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0354
Date Received: 11/11/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511125 - EPA 300.0 (2.1)										
Matrix Spike Dup (2511125-MSD2)	**Source: 25K0354-04**			Prepared: 11/13/2025 Analyzed: 11/21/2025						
Chloride	23	1.0	mg/L	12.50	11	97	80-120	0.2	10	
Fluoride	2.9	0.50	mg/L	2.000	0.80	104	80-120	0.2	10	
Nitrogen, Nitrate (As N)	6.4	0.50	mg/L	5.000	1.6	96	80-120	0.2	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120	0.06	10	
Sulfate	74	5.0	mg/L	12.50	67	58	80-120	0.09	10	M2
Matrix Spike Dup (2511125-MSD3)	**Source: 25K0389-01**			Prepared: 11/13/2025 Analyzed: 11/21/2025						
Chloride	22	1.0	mg/L	12.50	9.8	99	80-120	0.3	10	
Fluoride	2.6	0.50	mg/L	2.000	0.58	101	80-120	0.3	10	
Nitrogen, Nitrate (As N)	6.1	0.50	mg/L	5.000	1.2	97	80-120	0.7	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120	0.6	10	
Sulfate	21	5.0	mg/L	12.50	11	81	80-120	0.3	10	

TURNER ENVIRONMENTAL LABORATORIES, INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE _____ PAGE _____ OF _____

PROJECT NAME _____ # _____
CONTACT NAME _____
COMPANY NAME _____
ADDRESS _____
ZIP _____ PHONE _____ EMAIL _____
SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics 624 ☐ 524.2 ☐ 8260 TTHMS ☐ HAAs ☐ Chloride ☐ Sulfate ☐ Resistivity NO3 ☐ NO2 ☐ TKN ☐ TPH 1664 ☐ Oil & Grease VOA ☐ TCLP Analysis Semi-VOA ☐ Pest ☐ TCLP ☐ Metals Dissolved ☐ Total ☐ RCRA ☐ Total ☐ Cyanide Amen ☐ WAD ☐ SDWA-INORGANICS PRIMARY ☐ SECONDARY ☐ MBAS ☐ Coliform PA ☐ pH ☐ Fecal ☐ Cl2 ☐ Cl ☐ COD ☐ Turb ☐ TSS ☐ BOD ☐

1. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
____ Standard (approx. 10 days)*
____ Next Day ____ 2 Day ____ 5 Day*
____ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
____ I. Routine Report
____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
____ III. Date Validation Report (includes All Raw Data) Add 10% to Invoice

INVOICE INFORMATION:
Account ____ Y ____ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers _____
Temperature 7.2
☑ Wet Ice
☐ Ambient
☐ Blue Ice
IR # 416

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Printed Name
TURNER LABORATORIES, INC.
Firm
Date/Time

* LEGEND
SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☑
COC / Labels Agree ☑

Preservation Confirmation ☐
Appropriate Head Space ☐
Received Within Hold Time ☒

SPECIAL INSTRUCTIONS/COMMENTS:

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 11, 2025
Sample Received: November 13, 2025
Analysis Completed: November 28, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25K0354-01	3.9 ± 0.7	4.4 ± 0.7	< 1.0	< 2.5	< 0.4	< 0.8	< 0.8

Analysis Date/Time	11/25/2025	11/19/2025	11/25/2025	11/27/2025	11/24/2025	11/24/2025	11/24/2025
	05:09	14:36	05:09	1:47	17:23	17:23	17:23

November 28, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 11, 2025
Sample Received: November 13, 2025
Uranium Analysis Date: November 19, 2025
Uranium Analysis Time: 14:36

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25K0354-01	1.6 ± 0.3	0.073 ± 0.002	2.7 ± 0.4	4.4 ± 0.7	Activity (pCi/L)
	4.6 ± 0.9	0.034 ± 0.001	0.00044 ± 0.00006	4.7 ± 0.9	Content (µg/L)
	Comments:				

November 28, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 11, 2025 (Sample Date) 10:40 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	11/25/2025	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/25/2025	3.9 ± 0.7		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	11/19/2025	4.7 ± 0.9	µg/L	
			Uranium 234	4007	11/19/2025	0.00044 ± 0.00006		
			Uranium 235	4008	11/19/2025	0.034 ± 0.001		
			Uranium 238	4009	11/19/2025	4.6 ± 0.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/24/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/24/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/24/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78682

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0354-01

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 11, 2025
Sample Received: November 13, 2025
Analysis Completed: November 28, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25K0354-02	< 1.1	< 0.8	< 1.1	7.2 ± 2.5	< 0.4	< 0.8	< 0.8

Analysis Date/Time	11/20/2025	11/19/2025	11/20/2025	11/27/2025	11/24/2025	11/24/2025	11/24/2025
	04:00	14:54	04:00	5:08	21:25	21:25	21:25

November 28, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 11, 2025
Sample Received: November 13, 2025
Uranium Analysis Date: November 19, 2025
Uranium Analysis Time: 14:54

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25K0354-02	< 0.6	< 0.004	< 0.6	< 0.8	Activity (pCi/L)
	< 1.7	< 0.001	< 0.00009	< 1.7	Content (µg/L)
	Comments:				

November 28, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 11, 2025 (Sample Date) 13:10 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	11/20/2025	< 1.1		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/20/2025	< 1.1		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	11/19/2025	< 1.7	µg/L	
			Uranium 234	4007	11/19/2025	< 0.00009		
			Uranium 235	4008	11/19/2025	< 0.001		
			Uranium 238	4009	11/19/2025	< 1.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/24/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/24/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/24/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78683

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D. C.H.P.

Comments: 25K0354-02

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST.• CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 11, 2025
Sample Received: November 13, 2025
Analysis Completed: November 28, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25K0354-03	4.1 ± 0.8	1.5 ± 0.7	2.6 ± 1.1	8.9 ± 2.5	< 0.5	< 0.8	< 0.8

Analysis Date/Time	11/20/2025	11/19/2025	11/20/2025	11/27/2025	11/25/2025	11/25/2025	11/25/2025
	05:40	15:11	05:40	8:28	1:26	1:26	1:26

November 28, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 11, 2025
Sample Received: November 13, 2025
Uranium Analysis Date: November 19, 2025
Uranium Analysis Time: 15:11

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25K0354-03	0.6 ± 0.3	0.027 ± 0.002	0.9 ± 0.4	1.5 ± 0.7	Activity (pCi/L)
	1.7 ± 0.9	0.013 ± 0.001	0.00014 ± 0.00006	1.7 ± 0.9	Content (µg/L)
	Comments:				

November 28, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 11, 2025 (Sample Date) 15:00 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	11/20/2025	2.6 ± 1.1		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/20/2025	4.1 ± 0.8		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	11/19/2025	1.7 ± 0.9	µg/L	
			Uranium 234	4007	11/19/2025	0.00014 ± 0.00006		
			Uranium 235	4008	11/19/2025	0.013 ± 0.001		
			Uranium 238	4009	11/19/2025	1.7 ± 0.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/25/2025	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/25/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/25/2025	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78684

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0354-03

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 11, 2025
Sample Received: November 13, 2025
Analysis Completed: November 28, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25K0354-04	4.6 ± 0.5	3.5 ± 0.6	1.1 ± 0.8	< 5.1	< 0.4	1.4 ± 0.3	1.4 ± 0.3

Analysis Date/Time	11/20/2025	11/19/2025	11/20/2025	11/27/2025	11/25/2025	11/25/2025	11/25/2025
	07:20	15:26	07:20	11:48	5:28	5:28	5:28

November 28, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 11, 2025
Sample Received: November 13, 2025
Uranium Analysis Date: November 19, 2025
Uranium Analysis Time: 15:26

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25K0354-04	0.9 ± 0.2	0.041 ± 0.002	2.6 ± 0.4	3.5 ± 0.6	Activity (pCi/L)
	2.6 ± 0.7	0.019 ± 0.001	0.00042 ± 0.00006	2.6 ± 0.7	Content (µg/L)
	Comments:				

November 28, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 11, 2025 (Sample Date) 11:10 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	11/20/2025	1.1 ± 0.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/20/2025	4.6 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	11/19/2025	2.6 ± 0.7	µg/L	
			Uranium 234	4007	11/19/2025	0.00042 ± 0.00006		
			Uranium 235	4008	11/19/2025	0.019 ± 0.001		
			Uranium 238	4009	11/19/2025	2.6 ± 0.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/25/2025	1.4 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/25/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/25/2025	1.4 ± 0.3		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78685

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0354-04

Authorized Signature:

Date Public Water System Notif

DWAR 6: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25K0354

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25K0354-01 Non-Potable Wa Sampled:11/11/2025 10:40			
Radiochemistry, Uranium	05/10/2026 10:40		
Radiochemistry, Radium 226/228	12/11/2025 10:40		
Radiochemistry, Gross Alpha Beta	05/10/2026 10:40		78682
Containers Supplied:			
Sample ID: 25K0354-02 Non-Potable Wa Sampled:11/11/2025 13:10			
Radiochemistry, Uranium	05/10/2026 13:10		
Radiochemistry, Radium 226/228	12/11/2025 13:10		
Radiochemistry, Gross Alpha Beta	05/10/2026 13:10		78683
Containers Supplied:			
Sample ID: 25K0354-03 Non-Potable Wa Sampled:11/11/2025 15:00			
Radiochemistry, Uranium	05/10/2026 15:00		
Radiochemistry, Radium 226/228	12/11/2025 15:00		
Radiochemistry, Gross Alpha Beta	05/10/2026 15:00		78684
Containers Supplied:			
Sample ID: 25K0354-04 Non-Potable Wa Sampled:11/11/2025 11:10			
Radiochemistry, Uranium	05/10/2026 11:10		
Radiochemistry, Radium 226/228	12/11/2025 11:10		
Radiochemistry, Gross Alpha Beta	05/10/2026 11:10		78685
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	11/12/25 1600	UPS	11/12/25 1600
		[signature]	11/13/25 12:30 pm

Released By — Date — Received By — Date

January 06, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25K0411

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 4 sample(s) on 11/12/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Date Received: 11/12/2025

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25K0411-01	POC-01	Ground Water	11/12/2025 1440
25K0411-02	POC-02	Ground Water	11/12/2025 1328
25K0411-03	POC-03	Ground Water	11/12/2025 1140
25K0411-04	POC-04	Ground Water	11/12/2025 1010

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Date Received: 11/12/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H1	Sample analysis was performed past holding time.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
R13	MS/MSD RPD exceeded method acceptance limit. Matrix spike recovery was outside acceptance criteria. Batch precision and accuracy were demonstrated.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 01/06/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Lab Sample ID: 25K0411-01

Client Sample ID: POC-01
Collection Date/Time: 11/12/2025 1440
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	25		3.1		mg/L	5	11/19/2025 1313	11/29/2025 0809	SS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	24		2.6		mg/L	5	11/17/2025 0800	11/29/2025 0809	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.064	0.020	0.30	E4	mg/L	1	11/24/2025 0914	12/08/2025 1250	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.018		0.00056		mg/L	1	11/20/2025 0800	12/02/2025 1301	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	280		4.0		mg/L	1	11/24/2025 0800	12/01/2025 1715	RAR
Magnesium	85		3.0		mg/L	1	11/24/2025 0800	12/01/2025 1715	RAR
Potassium	5.3		5.0		mg/L	1	11/24/2025 0800	12/01/2025 1715	RAR
Sodium	18		5.0		mg/L	1	11/24/2025 0800	12/01/2025 1715	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Antimony	0.00031	0.000039	0.00050	E4	mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Arsenic	0.0045		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Barium	0.030		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Beryllium	0.000014	0.000013	0.00025	E4	mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Chromium	0.00084		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Cobalt	0.00053		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Copper	0.00083		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Manganese	0.00032		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Molybdenum	0.076		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Nickel	0.0042		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Selenium	0.014		0.0025		mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
Uranium	0.016		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Lab Sample ID: 25K0411-01

Client Sample ID: POC-01
Collection Date/Time: 11/12/2025 1440
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.011	0.0023	0.040	E4	mg/L	1	11/14/2025 1104	11/26/2025 1601	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	11/20/2025 1343	11/20/2025 1616	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	40		5.0		mg/L	5	11/17/2025 0800	11/29/2025 0809	SS
Fluoride	0.88		0.50		mg/L	1	11/17/2025 0800	11/17/2025 2036	SS
Nitrogen, Nitrate (As N)	24		2.5	H1	mg/L	5	11/17/2025 0800	11/29/2025 0809	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8, H1	mg/L	1	11/17/2025 0800	11/17/2025 2036	SS
Sulfate	630		50		mg/L	10	11/17/2025 0800	11/29/2025 0833	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	1.4		0.50		mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	11/21/2025 1120	12/01/2025 0831	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	180		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Total (As CaCO3)	180		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400		20		mg/L	1	11/17/2025 1035	11/19/2025 1354	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/24/2025 1323	11/24/2025 1620	SJS
pH-SM4500-H+ B									

Turner Laboratories, Inc.

Date: 01/06/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Lab Sample ID: 25K0411-01

Client Sample ID: POC-01
Collection Date/Time: 11/12/2025 1440
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.1			H5	-	1	11/14/2025 1452	11/14/2025 1507	IM
Temperature (°C)	22			H5	-	1	11/14/2025 1452	11/14/2025 1507	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1418	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	11/19/2025 1155	11/20/2025 1418	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1418	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1418	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/19/2025 1155	11/20/2025 1418	KP
Surr: 4-Bromofluorobenzene	*91*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1418*	*KP*
Surr: Dibromofluoromethane	*99*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1418*	*KP*
Surr: Toluene-d8	*106*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1418*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Lab Sample ID: 25K0411-02

Client Sample ID: POC-02
Collection Date/Time: 11/12/2025 1328
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	2.8		1.1		mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	2.8		0.60		mg/L	1	11/17/2025 0800	11/17/2025 2056	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.11	0.020	0.30	E4	mg/L	1	11/26/2025 1002	12/08/2025 1708	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.025		0.00056		mg/L	1	11/20/2025 0800	12/02/2025 1313	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	300		4.0		mg/L	1	11/24/2025 0800	12/01/2025 1718	RAR
Magnesium	96		3.0		mg/L	1	11/24/2025 0800	12/01/2025 1718	RAR
Potassium	4.6	0.14	5.0	E4	mg/L	1	11/24/2025 0800	12/01/2025 1718	RAR
Sodium	89		5.0		mg/L	1	11/24/2025 0800	12/01/2025 1718	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Antimony	0.00097		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Arsenic	0.0072		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Barium	0.030		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Beryllium	0.000024	0.000013	0.00025	E4	mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Chromium	0.0012		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Cobalt	0.00049		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Copper	0.0043		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Manganese	0.00062		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Molybdenum	0.10		0.00025		mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Nickel	0.0046		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Selenium	0.0042		0.0025		mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Uranium	0.022		0.00050		mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR
Zinc	0.0093	0.0023	0.040	E4	mg/L	1	11/14/2025 1104	11/26/2025 1604	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Lab Sample ID: 25K0411-02

Client Sample ID: POC-02
Collection Date/Time: 11/12/2025 1328
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	11/20/2025 1343	11/20/2025 1619	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	52		5.0		mg/L	5	11/17/2025 0800	11/29/2025 0856	SS
Fluoride	0.92		0.50		mg/L	1	11/17/2025 0800	11/17/2025 2056	SS
Nitrogen, Nitrate (As N)	2.8		0.50	H1	mg/L	1	11/17/2025 0800	11/17/2025 2056	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8, H1	mg/L	1	11/17/2025 0800	11/17/2025 2056	SS
Sulfate	770		100		mg/L	20	11/17/2025 0800	11/29/2025 1318	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	11/21/2025 1120	12/01/2025 0831	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	310		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Total (As CaCO3)	310		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1700		20		mg/L	1	11/17/2025 1035	11/19/2025 1354	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/24/2025 1323	11/24/2025 1620	SJS
pH-SM4500-H+ B									
pH (pH Units)	6.9			H5	-	1	11/14/2025 1452	11/14/2025 1509	IM

Client: Copper World, Inc. **Client Sample ID:** POC-02
Project: Ambient GW Monitoring **Collection Date/Time:** 11/12/2025 1328
Work Order: 25K0411 **Matrix:** Ground Water
Lab Sample ID: 25K0411-02

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	22			H5	-	1	11/14/2025 1452	11/14/2025 1509	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 0741	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	11/19/2025 1155	11/20/2025 0741	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 0741	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 0741	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/19/2025 1155	11/20/2025 0741	KP
Surr: 4-Bromofluorobenzene	*81*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 741*	*KP*
Surr: Dibromofluoromethane	*96*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 741*	*KP*
Surr: Toluene-d8	*86*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 741*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Lab Sample ID: 25K0411-03

Client Sample ID: POC-03
Collection Date/Time: 11/12/2025 1140
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.52		0.60	J	mg/L	1	11/17/2025 0800	11/17/2025 2115	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	11/26/2025 1002	12/08/2025 1711	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0099		0.00056		mg/L	1	11/20/2025 0800	12/02/2025 1316	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	110		4.0		mg/L	1	11/26/2025 0800	12/19/2025 1417	RAR
Magnesium	34		3.0		mg/L	1	11/26/2025 0800	12/19/2025 1417	RAR
Potassium	5.4		5.0		mg/L	1	11/26/2025 0800	12/19/2025 1417	RAR
Sodium	37		5.0		mg/L	1	11/26/2025 0800	12/19/2025 1417	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	11/14/2025 1445	12/24/2025 1213	RAR
Antimony	0.00069		0.00050		mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Arsenic	0.0071		0.00050		mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Barium	0.082		0.00050		mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Beryllium	0.000034		0.00025		mg/L	1	11/14/2025 1445	12/24/2025 1213	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Chromium	0.00027	0.000023	0.00050	E4	mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Cobalt	0.00019	0.000010	0.00025	E4	mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Copper	0.0017		0.00050		mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Manganese	0.012		0.00025		mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Molybdenum	0.18		0.00025		mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Nickel	0.0020		0.00050		mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Selenium	0.0025	0.00025	0.0025	E4	mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Thallium	0.000061	0.000023	0.00050	E4	mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Uranium	0.0093		0.00050		mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR
Zinc	0.021	0.0023	0.040	E4	mg/L	1	11/14/2025 1445	12/23/2025 1733	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Lab Sample ID: 25K0411-03

Client Sample ID: POC-03
Collection Date/Time: 11/12/2025 1140
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	11/20/2025 1343	11/20/2025 1621	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	27		2.0		mg/L	2	11/17/2025 0800	11/29/2025 1342	SS
Fluoride	1.3		0.50		mg/L	1	11/17/2025 0800	11/17/2025 2115	SS
Nitrogen, Nitrate (As N)	0.52		0.50	H1	mg/L	1	11/17/2025 0800	11/17/2025 2115	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8, H1	mg/L	1	11/17/2025 0800	11/17/2025 2115	SS
Sulfate	230		25		mg/L	5	11/17/2025 0800	11/29/2025 1406	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	11/21/2025 1120	12/01/2025 0831	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	220		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Total (As CaCO3)	220		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	660		20		mg/L	1	11/17/2025 1035	11/19/2025 1354	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/24/2025 1323	11/24/2025 1620	SJS
pH-SM4500-H+ B									
pH (pH Units)	6.9			H5	-	1	11/14/2025 1452	11/14/2025 1511	IM

Client: Copper World, Inc. **Client Sample ID:** POC-03
Project: Ambient GW Monitoring **Collection Date/Time:** 11/12/2025 1140
Work Order: 25K0411 **Matrix:** Ground Water
Lab Sample ID: 25K0411-03

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	23			H5	-	1	11/14/2025 1452	11/14/2025 1511	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 0821	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	11/19/2025 1155	11/20/2025 0821	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 0821	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 0821	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/19/2025 1155	11/20/2025 0821	KP
Surr: 4-Bromofluorobenzene	*82*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 821*	*KP*
Surr: Dibromofluoromethane	*96*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 821*	*KP*
Surr: Toluene-d8	*89*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 821*	*KP*

Turner Laboratories, Inc.

Date: 01/06/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Lab Sample ID: 25K0411-04

Client Sample ID: POC-04
Collection Date/Time: 11/12/2025 1010
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	11/17/2025 0800	11/17/2025 2135	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.22	0.020	0.30	E4	mg/L	1	11/24/2025 0914	12/08/2025 1253	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.019		0.00056		mg/L	1	11/20/2025 0800	12/02/2025 1319	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	61		4.0		mg/L	1	11/26/2025 0800	12/19/2025 1423	RAR
Magnesium	18		3.0		mg/L	1	11/26/2025 0800	12/19/2025 1423	RAR
Potassium	5.8		5.0		mg/L	1	11/26/2025 0800	12/19/2025 1423	RAR
Sodium	52		5.0		mg/L	1	11/26/2025 0800	12/19/2025 1423	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	11/14/2025 1445	12/24/2025 1216	RAR
Antimony	0.000078	0.000039	0.00050	E4	mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Arsenic	0.0029		0.00050		mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Barium	0.057		0.00050		mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Beryllium	0.000014		0.00025		mg/L	1	11/14/2025 1445	12/24/2025 1216	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Chromium	0.00023	0.000023	0.00050	E4	mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Cobalt	0.00021	0.000010	0.00025	E4	mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Copper	0.0024		0.00050		mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Manganese	0.41		0.00025		mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Molybdenum	0.082		0.00025		mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Nickel	0.0012		0.00050		mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Selenium	0.0011	0.00025	0.0025	E4	mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Uranium	0.017		0.00050		mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR
Zinc	0.0037	0.0023	0.040	E4	mg/L	1	11/14/2025 1445	12/23/2025 1736	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Lab Sample ID: 25K0411-04

Client Sample ID: POC-04
Collection Date/Time: 11/12/2025 1010
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	11/20/2025 1343	11/20/2025 1624	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	24		2.0		mg/L	2	11/17/2025 0800	11/29/2025 1430	SS
Fluoride	2.5		0.50		mg/L	1	11/17/2025 0800	11/17/2025 2135	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8, H1	mg/L	1	11/17/2025 0800	11/17/2025 2135	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8, H1	mg/L	1	11/17/2025 0800	11/17/2025 2135	SS
Sulfate	81		5.0		mg/L	1	11/17/2025 0800	11/17/2025 2135	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.64		0.50		mg/L	1	11/19/2025 1313	11/19/2025 1447	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	11/21/2025 1120	12/01/2025 0831	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	240		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Total (As CaCO3)	240		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	410		20		mg/L	1	11/17/2025 1035	11/19/2025 1354	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/24/2025 1323	11/24/2025 1620	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.4			H5	-	1	11/14/2025 1452	11/14/2025 1513	IM

Client: Copper World, Inc. **Client Sample ID:** POC-04
Project: Ambient GW Monitoring **Collection Date/Time:** 11/12/2025 1010
Work Order: 25K0411 **Matrix:** Ground Water
Lab Sample ID: 25K0411-04

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	22			H5	-	1	11/14/2025 1452	11/14/2025 1513	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 0900	KP
Carbon disulfide	0.18	0.11	2.0	E4	ug/L	1	11/19/2025 1155	11/20/2025 0900	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 0900	KP
Toluene	0.080	0.057	0.50	E4	ug/L	1	11/19/2025 1155	11/20/2025 0900	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/19/2025 1155	11/20/2025 0900	KP
Surr: 4-Bromofluorobenzene	*77*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 900*	*KP*
Surr: Dibromofluoromethane	*90*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 900*	*KP*
Surr: Toluene-d8	*84*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 900*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Date Received: 11/12/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511140 - EPA 200.8 (5.4)										
Blank (2511140-BLK1)				Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	0.000015	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	0.00017	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	0.000072	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2511140-BS1)				Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	0.10	0.040	mg/L	0.1000		104	85-115			
Antimony	0.051	0.00050	mg/L	0.05000		102	85-115			
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115			
Barium	0.051	0.00050	mg/L	0.05000		103	85-115			
Beryllium	0.051	0.00025	mg/L	0.05000		102	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		99	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115			
Copper	0.049	0.00050	mg/L	0.05000		99	85-115			
Lead	0.047	0.00050	mg/L	0.05000		94	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		99	85-115			
Molybdenum	0.050	0.00025	mg/L	0.05000		101	85-115			
Nickel	0.050	0.00050	mg/L	0.05000		101	85-115			
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115			
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115			
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115			
Zinc	0.10	0.040	mg/L	0.1000		101	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Date Received: 11/12/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511140 - EPA 200.8 (5.4)										
LCS Dup (2511140-BSD1)				Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	0.10	0.040	mg/L	0.1000		103	85-115	0.3	20	
Antimony	0.051	0.00050	mg/L	0.05000		101	85-115	1	20	
Arsenic	0.051	0.00050	mg/L	0.05000		101	85-115	1	20	
Barium	0.051	0.00050	mg/L	0.05000		103	85-115	0.1	20	
Beryllium	0.051	0.00025	mg/L	0.05000		103	85-115	0.9	20	
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115	0.2	20	
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115	0.7	20	
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115	0.04	20	
Copper	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Lead	0.047	0.00050	mg/L	0.05000		95	85-115	0.4	20	
Manganese	0.050	0.00025	mg/L	0.05000		100	85-115	0.2	20	
Molybdenum	0.049	0.00025	mg/L	0.05000		99	85-115	2	20	
Nickel	0.050	0.00050	mg/L	0.05000		100	85-115	0.6	20	
Selenium	0.051	0.0025	mg/L	0.05000		102	85-115	3	20	
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115	0.4	20	
Uranium	0.051	0.00050	mg/L	0.05000		101	85-115	0.2	20	
Zinc	0.10	0.040	mg/L	0.1000		102	85-115	0.5	20	
Matrix Spike (2511140-MS1)		**Source: 25J0817-02**		Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	0.11	0.040	mg/L	0.1000	ND	106	70-130			
Antimony	0.054	0.00050	mg/L	0.05000	ND	109	70-130			
Arsenic	0.061	0.00050	mg/L	0.05000	0.0044	112	70-130			
Barium	0.15	0.00050	mg/L	0.05000	0.095	100	70-130			
Beryllium	0.053	0.00025	mg/L	0.05000	ND	106	70-130			
Cadmium	0.051	0.00025	mg/L	0.05000	ND	102	70-130			
Chromium	0.051	0.00050	mg/L	0.05000	0.00053	101	70-130			
Cobalt	0.050	0.00025	mg/L	0.05000	0.00011	99	70-130			
Copper	0.048	0.00050	mg/L	0.05000	0.0018	93	70-130			
Lead	0.048	0.00050	mg/L	0.05000	ND	97	70-130			
Manganese	0.12	0.00025	mg/L	0.05000	0.072	99	70-130			
Molybdenum	0.092	0.00025	mg/L	0.05000	0.039	105	70-130			
Nickel	0.048	0.00050	mg/L	0.05000	0.00094	95	70-130			
Selenium	0.060	0.0025	mg/L	0.05000	0.0015	118	70-130			
Thallium	0.051	0.00050	mg/L	0.05000	ND	103	70-130			
Uranium	0.080	0.00050	mg/L	0.05000	0.024	111	70-130			
Zinc	0.11	0.040	mg/L	0.1000	0.0025	103	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Date Received: 11/12/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511140 - EPA 200.8 (5.4)										
Matrix Spike (2511140-MS2)	**Source: 25K0027-01**			Prepared: 11/14/2025 Analyzed: 11/26/2025						
Aluminum	0.13	0.040	mg/L	0.1400	ND	95	70-130			
Antimony	0.073	0.00050	mg/L	0.07000	0.00011	104	70-130			
Arsenic	0.081	0.00050	mg/L	0.07000	0.0057	107	70-130			
Barium	0.16	0.00050	mg/L	0.07000	0.085	103	70-130			
Beryllium	0.072	0.00025	mg/L	0.07000	0.000014	103	70-130			
Cadmium	0.069	0.00025	mg/L	0.07000	0.00011	98	70-130			
Chromium	0.070	0.00050	mg/L	0.07000	0.00040	99	70-130			
Cobalt	0.068	0.00025	mg/L	0.07000	0.00017	96	70-130			
Copper	0.065	0.00050	mg/L	0.07000	0.0025	89	70-130			
Lead	0.069	0.00050	mg/L	0.07000	0.0014	97	70-130			
Manganese	0.068	0.00025	mg/L	0.07000	0.00040	96	70-130			
Molybdenum	0.073	0.00025	mg/L	0.07000	0.0013	103	70-130			
Nickel	0.066	0.00050	mg/L	0.07000	0.0014	92	70-130			
Selenium	0.080	0.0025	mg/L	0.07000	0.0025	110	70-130			
Thallium	0.071	0.00050	mg/L	0.07000	0.000025	102	70-130			
Uranium	0.081	0.00050	mg/L	0.07000	0.0034	111	70-130			
Zinc	0.23	0.040	mg/L	0.1400	0.098	92	70-130			
Batch 2511141 - EPA 200.8 (5.4)										
Blank (2511141-BLK1)				Prepared: 12/23/2025 Analyzed: 12/26/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.00018	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

Client: Copper World, Inc.
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511141 - EPA 200.8 (5.4)										
LCS (2511141-BS1)				Prepared & Analyzed: 12/23/2025						
Aluminum	0.10	0.040	mg/L	0.1000		100	85-115			
Antimony	0.054	0.00050	mg/L	0.05000		109	85-115			
Arsenic	0.049	0.00050	mg/L	0.05000		99	85-115			
Barium	0.054	0.00050	mg/L	0.05000		107	85-115			
Beryllium	0.049	0.00025	mg/L	0.05000		99	85-115			
Cadmium	0.055	0.00025	mg/L	0.05000		110	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115			
Copper	0.050	0.00050	mg/L	0.05000		100	85-115			
Lead	0.049	0.00050	mg/L	0.05000		98	85-115			
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115			
Molybdenum	0.053	0.00025	mg/L	0.05000		105	85-115			
Nickel	0.050	0.00050	mg/L	0.05000		100	85-115			
Selenium	0.051	0.0025	mg/L	0.05000		103	85-115			
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115			
Uranium	0.051	0.00050	mg/L	0.05000		101	85-115			
Zinc	0.10	0.040	mg/L	0.1000		103	85-115			
LCS Dup (2511141-BSD1)				Prepared & Analyzed: 12/23/2025						
Aluminum	0.097	0.040	mg/L	0.1000		97	85-115	3	20	
Antimony	0.055	0.00050	mg/L	0.05000		109	85-115	0.3	20	
Arsenic	0.049	0.00050	mg/L	0.05000		99	85-115	0.05	20	
Barium	0.053	0.00050	mg/L	0.05000		106	85-115	0.9	20	
Beryllium	0.049	0.00025	mg/L	0.05000		98	85-115	0.3	20	
Cadmium	0.055	0.00025	mg/L	0.05000		111	85-115	0.7	20	
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115	0.5	20	
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115	0.1	20	
Copper	0.050	0.00050	mg/L	0.05000		99	85-115	1	20	
Lead	0.049	0.00050	mg/L	0.05000		98	85-115	0.4	20	
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115	0.04	20	
Molybdenum	0.053	0.00025	mg/L	0.05000		106	85-115	0.6	20	
Nickel	0.050	0.00050	mg/L	0.05000		100	85-115	0.08	20	
Selenium	0.051	0.0025	mg/L	0.05000		103	85-115	0.1	20	
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115	2	20	
Uranium	0.050	0.00050	mg/L	0.05000		101	85-115	0.5	20	
Zinc	0.10	0.040	mg/L	0.1000		102	85-115	2	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511141 - EPA 200.8 (5.4)										
Matrix Spike (2511141-MS1)		**Source: 25K0421-08**		Prepared & Analyzed: 12/23/2025						
Aluminum	0.11	0.040	mg/L	0.1000	ND	111	70-130			
Antimony	0.056	0.00050	mg/L	0.05000	ND	112	70-130			
Arsenic	0.054	0.00050	mg/L	0.05000	ND	108	70-130			
Barium	0.054	0.00050	mg/L	0.05000	0.000037	107	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.000034	104	70-130			
Cadmium	0.059	0.00025	mg/L	0.05000	0.00012	117	70-130			
Chromium	0.051	0.00050	mg/L	0.05000	0.00012	101	70-130			
Cobalt	0.051	0.00025	mg/L	0.05000	0.00038	102	70-130			
Copper	0.057	0.00050	mg/L	0.05000	0.0054	103	70-130			
Lead	0.049	0.00050	mg/L	0.05000	ND	99	70-130			
Manganese	0.074	0.00025	mg/L	0.05000	0.024	102	70-130			
Molybdenum	0.053	0.00025	mg/L	0.05000	0.000064	107	70-130			
Nickel	0.051	0.00050	mg/L	0.05000	0.00061	101	70-130			
Selenium	0.063	0.0025	mg/L	0.05000	ND	125	70-130			
Thallium	0.050	0.00050	mg/L	0.05000	0.000024	99	70-130			
Uranium	0.051	0.00050	mg/L	0.05000	0.000031	101	70-130			
Zinc	0.13	0.040	mg/L	0.1000	0.015	114	70-130			
Matrix Spike (2511141-MS2)		**Source: 25K0453-04**		Prepared & Analyzed: 12/23/2025						
Aluminum	0.096	0.040	mg/L	0.1000	ND	96	70-130			
Antimony	0.055	0.00050	mg/L	0.05000	ND	109	70-130			
Arsenic	0.051	0.00050	mg/L	0.05000	ND	102	70-130			
Barium	0.051	0.00050	mg/L	0.05000	0.000069	103	70-130			
Beryllium	0.050	0.00025	mg/L	0.05000	0.000024	99	70-130			
Cadmium	0.056	0.00025	mg/L	0.05000	ND	112	70-130			
Chromium	0.048	0.00050	mg/L	0.05000	0.000041	96	70-130			
Cobalt	0.048	0.00025	mg/L	0.05000	0.000017	95	70-130			
Copper	0.048	0.00050	mg/L	0.05000	ND	97	70-130			
Lead	0.047	0.00050	mg/L	0.05000	ND	94	70-130			
Manganese	0.049	0.00025	mg/L	0.05000	0.000045	97	70-130			
Molybdenum	0.051	0.00025	mg/L	0.05000	0.00012	101	70-130			
Nickel	0.048	0.00050	mg/L	0.05000	0.000036	96	70-130			
Selenium	0.061	0.0025	mg/L	0.05000	ND	121	70-130			
Thallium	0.047	0.00050	mg/L	0.05000	0.000029	94	70-130			
Uranium	0.048	0.00050	mg/L	0.05000	0.000054	96	70-130			
Zinc	0.11	0.040	mg/L	0.1000	ND	112	70-130			
Batch 2511199 - EPA 245.1										
Blank (2511199-BLK1)				Prepared & Analyzed: 11/20/2025						
Mercury	ND	0.0010	mg/L							
LCS (2511199-BS1)				Prepared & Analyzed: 11/20/2025						
Mercury	0.0053	0.0010	mg/L	0.005000		107	85-115			
LCS Dup (2511199-BSD1)				Prepared & Analyzed: 11/20/2025						
Mercury	0.0053	0.0010	mg/L	0.005000		106	85-115	0.2	20	
Matrix Spike (2511199-MS1)		**Source: 25K0326-01**		Prepared & Analyzed: 11/20/2025						
Mercury	0.0047	0.0010	mg/L	0.005000	ND	95	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511199 - EPA 245.1										
Matrix Spike (2511199-MS2)		**Source: 25K0326-02**		Prepared & Analyzed: 11/20/2025						
Mercury	0.0050	0.0010	mg/L	0.005000	ND	99	70-130			
Matrix Spike Dup (2511199-MSD1)		**Source: 25K0326-01**		Prepared & Analyzed: 11/20/2025						
Mercury	0.0047	0.0010	mg/L	0.005000	ND	94	70-130	0.8	20	
Matrix Spike Dup (2511199-MSD2)		**Source: 25K0326-02**		Prepared & Analyzed: 11/20/2025						
Mercury	0.0050	0.0010	mg/L	0.005000	ND	99	70-130	0.2	20	
Batch 2511224 - EPA 200.7 (4.4)										
Blank (2511224-BLK1)				Prepared: 11/24/2025 Analyzed: 12/01/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.92	5.0	mg/L							
LCS (2511224-BS1)				Prepared: 11/24/2025 Analyzed: 12/01/2025						
Calcium	9.9	4.0	mg/L	10.00		99	85-115			
Magnesium	9.8	3.0	mg/L	10.00		98	85-115			
Potassium	10	5.0	mg/L	10.00		102	85-115			
Sodium	10	5.0	mg/L	10.00		104	85-115			
LCS Dup (2511224-BSD1)				Prepared: 11/24/2025 Analyzed: 12/01/2025						
Calcium	9.6	4.0	mg/L	10.00		96	85-115	4	20	
Magnesium	9.4	3.0	mg/L	10.00		94	85-115	4	20	
Potassium	9.9	5.0	mg/L	10.00		99	85-115	3	20	
Sodium	10	5.0	mg/L	10.00		101	85-115	4	20	
Matrix Spike (2511224-MS1)		**Source: 25K0312-01**		Prepared: 11/24/2025 Analyzed: 12/01/2025						
Calcium	120	4.0	mg/L	10.00	120	60	70-130			M2
Magnesium	36	3.0	mg/L	10.00	27	91	70-130			
Potassium	16	5.0	mg/L	10.00	5.7	104	70-130			
Sodium	130	5.0	mg/L	10.00	120	75	70-130			
Matrix Spike (2511224-MS2)		**Source: 25K0312-02**		Prepared: 11/24/2025 Analyzed: 12/01/2025						
Calcium	140	4.0	mg/L	10.00	130	66	70-130			M2
Magnesium	40	3.0	mg/L	10.00	30	94	70-130			
Potassium	16	5.0	mg/L	10.00	5.4	105	70-130			
Sodium	160	5.0	mg/L	10.00	150	59	70-130			M2
Batch 2512009 - E200.8 (5.4)										
Blank (2512009-BLK1)				Prepared: 11/20/2025 Analyzed: 12/02/2025						
Uranium	ND	0.00050	mg/L							
LCS (2512009-BS1)				Prepared: 11/20/2025 Analyzed: 12/02/2025						
Uranium	0.053	0.00050	mg/L	0.05000		106	85-115			
LCS Dup (2512009-BSD1)				Prepared: 11/20/2025 Analyzed: 12/02/2025						
Uranium	0.055	0.00050	mg/L	0.05000		110	85-115	3	20	

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Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512009 - E200.8 (5.4)										
Matrix Spike (2512009-MS1)		**Source: 25K0193-01**		Prepared: 11/20/2025 Analyzed: 12/02/2025						
Uranium	0.067	0.00050	mg/L	0.05000	0.00092	132	70-130			M1
Matrix Spike (2512009-MS2)		**Source: 25K0209-01**		Prepared: 11/20/2025 Analyzed: 12/02/2025						
Uranium	0.073	0.00050	mg/L	0.05000	0.0062	133	70-130			M1
Batch 2512015 - EPA 200.7 (4.4)										
Blank (2512015-BLK1)				Prepared: 11/26/2025 Analyzed: 12/19/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.79	5.0	mg/L							
LCS (2512015-BS1)				Prepared: 11/26/2025 Analyzed: 12/19/2025						
Calcium	10	4.0	mg/L	10.00		102	85-115			
Magnesium	10	3.0	mg/L	10.00		100	85-115			
Potassium	10	5.0	mg/L	10.00		101	85-115			
Sodium	10	5.0	mg/L	10.00		104	85-115			
LCS Dup (2512015-BSD1)				Prepared: 11/26/2025 Analyzed: 12/19/2025						
Calcium	10	4.0	mg/L	10.00		102	85-115	0.2	20	
Magnesium	10	3.0	mg/L	10.00		100	85-115	0.2	20	
Potassium	10	5.0	mg/L	10.00		101	85-115	0.5	20	
Sodium	10	5.0	mg/L	10.00		104	85-115	0.5	20	
Matrix Spike (2512015-MS1)		**Source: 25K0411-03**		Prepared: 11/26/2025 Analyzed: 12/19/2025						
Calcium	120	4.0	mg/L	10.00	110	81	70-130			
Magnesium	45	3.0	mg/L	10.00	34	108	70-130			
Potassium	16	5.0	mg/L	10.00	5.4	110	70-130			
Sodium	46	5.0	mg/L	10.00	37	90	70-130			
Matrix Spike (2512015-MS2)		**Source: 25K0411-04**		Prepared: 11/26/2025 Analyzed: 12/19/2025						
Calcium	72	4.0	mg/L	10.00	61	114	70-130			
Magnesium	30	3.0	mg/L	10.00	18	119	70-130			
Potassium	18	5.0	mg/L	10.00	5.8	123	70-130			
Sodium	63	5.0	mg/L	10.00	52	118	70-130			
Batch 2512029 - E200.7 (4.4)										
Blank (2512029-BLK1)				Prepared: 11/24/2025 Analyzed: 12/08/2025						
Iron	ND	0.30	mg/L							
LCS (2512029-BS1)				Prepared: 11/24/2025 Analyzed: 12/08/2025						
Iron	1.1	0.30	mg/L	1.111		103	85-115			
LCS Dup (2512029-BSD1)				Prepared: 11/24/2025 Analyzed: 12/08/2025						
Iron	1.1	0.30	mg/L	1.111		102	85-115	1	20	
Matrix Spike (2512029-MS1)		**Source: 25K0354-01**		Prepared: 11/24/2025 Analyzed: 12/08/2025						
Iron	1.1	0.30	mg/L	1.111	ND	98	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512029 - E200.7 (4.4)										
Matrix Spike (2512029-MS2)	**Source: 25K0354-02**			Prepared: 11/24/2025 Analyzed: 12/08/2025						
Iron	1.6	0.30	mg/L	1.111	0.55	97	70-130			
Batch 2512064 - E200.7 (4.4)										
Blank (2512064-BLK1)				Prepared: 11/26/2025 Analyzed: 12/08/2025						
Iron	0.18	0.30	mg/L							
LCS (2512064-BS1)				Prepared: 11/26/2025 Analyzed: 12/08/2025						
Iron	1.3	0.30	mg/L	1.111		113	85-115			
LCS Dup (2512064-BSD1)				Prepared: 11/26/2025 Analyzed: 12/08/2025						
Iron	1.3	0.30	mg/L	1.111		114	85-115	1	20	
Matrix Spike (2512064-MS1)	**Source: 25K0334-05**			Prepared: 11/26/2025 Analyzed: 12/08/2025						
Iron	12	0.30	mg/L	1.111	11	102	70-130			
Matrix Spike (2512064-MS2)	**Source: 25K0334-06**			Prepared: 11/26/2025 Analyzed: 12/08/2025						
Iron	11	0.30	mg/L	1.111	11	80	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511142 - SM4500-H+ B										
Duplicate (2511142-DUP1)	**Source: 25K0411-04**			Prepared & Analyzed: 11/14/2025						
pH (pH Units)	7.4		-		7.4			0.3	200	H5
Temperature (°C)	23		-		22			2	200	H5
Batch 2511154 - SM2540 C										
Duplicate (2511154-DUP1)	**Source: 25K0354-03**			Prepared: 11/17/2025 Analyzed: 11/19/2025						
Total Dissolved Solids (Residue, Filterable)	580	20	mg/L		570			2	5	
Duplicate (2511154-DUP2)	**Source: 25K0359-01**			Prepared: 11/17/2025 Analyzed: 11/19/2025						
Total Dissolved Solids (Residue, Filterable)	460	20	mg/L		460			1	5	
Batch 2511180 - EPA 351.2										
Blank (2511180-BLK1)				Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2511180-BS1)				Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000		97	80-120			
LCS Dup (2511180-BSD1)				Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000		98	80-120	0.8	20	
Matrix Spike (2511180-MS1)	**Source: 25K0239-02**			Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.64	88	80-120			
Matrix Spike (2511180-MS2)	**Source: 25K0239-01**			Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	5.7	0.50	mg/L	5.000	1.2	90	80-120			R13
Matrix Spike Dup (2511180-MSD1)	**Source: 25K0239-02**			Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.64	88	80-120	0.2	20	
Matrix Spike Dup (2511180-MSD2)	**Source: 25K0239-01**			Prepared & Analyzed: 11/19/2025						
Nitrogen, Total Kjeldahl	4.8	0.50	mg/L	5.000	1.2	71	80-120	19	20	M2, R13
Batch 2511210 - SM 4500-NH3 B, F										
Blank (2511210-BLK1)				Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2511210-BS1)				Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		99	90-110			
LCS Dup (2511210-BSD1)				Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500		97	90-110	2	10	
Matrix Spike (2511210-MS1)	**Source: 25K0263-01**			Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2511210-MSD1)	**Source: 25K0263-01**			Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2
Batch 2511216 - SM4500-CN BE										

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511216 - SM4500-CN BE										
Blank (2511216-BLK1)				Prepared & Analyzed: 11/24/2025						
Cyanide	ND	0.10	mg/L							
LCS (2511216-BS1)				Prepared & Analyzed: 11/24/2025						
Cyanide	1.9	0.10	mg/L	2.000		97	85-115			
LCS Dup (2511216-BSD1)				Prepared & Analyzed: 11/24/2025						
Cyanide	2.1	0.10	mg/L	2.000		104	85-115	7	15	
Matrix Spike (2511216-MS1)		**Source: 25K0453-04**		Prepared & Analyzed: 11/24/2025						
Cyanide	1.8	0.10	mg/L	2.000	ND	92	80-120			
Matrix Spike Dup (2511216-MSD1)		**Source: 25K0453-04**		Prepared & Analyzed: 11/24/2025						
Cyanide	1.9	0.10	mg/L	2.000	ND	97	80-120	5	15	
Batch 2511258 - SM2320B										
Blank (2511258-BLK1)				Prepared & Analyzed: 11/26/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2511258-BS1)				Prepared & Analyzed: 11/26/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		95	90-110			
LCS Dup (2511258-BSD1)				Prepared & Analyzed: 11/26/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110	2	10	
Matrix Spike (2511258-MS1)		**Source: 25K0453-04**		Prepared & Analyzed: 11/26/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	20	94	70-130			
Matrix Spike Dup (2511258-MSD1)		**Source: 25K0453-04**		Prepared & Analyzed: 11/26/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	20	95	70-130	0.8	10	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Date Received: 11/12/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511182 - SW8260B										
Blank (2511182-BLK1)				Prepared & Analyzed: 11/19/2025						
Benzene	0.13	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.060	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*22.5*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*25.3*		*ug/L*	*25.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*23.7*		*ug/L*	*25.00*		*95*	*70-130*			
Blank (2511182-BLK2)				Prepared: 11/19/2025 Analyzed: 11/20/2025						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*18.9*		*ug/L*	*25.00*		*76*	*70-130*			
Surrogate: Dibromofluoromethane	*24.1*		*ug/L*	*25.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*20.3*		*ug/L*	*25.00*		*81*	*70-130*			
LCS (2511182-BS1)				Prepared & Analyzed: 11/19/2025						
1,1-Dichloroethene	31		ug/L	25.00		124	70-130			
Benzene	28		ug/L	25.00		113	70-130			
Chlorobenzene	29		ug/L	25.00		115	70-130			
Toluene	29		ug/L	25.00		115	70-130			
Trichloroethene	28		ug/L	25.00		110	70-130			
Surrogate: 4-Bromofluorobenzene	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			
Surrogate: Dibromofluoromethane	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*24.0*		*ug/L*	*25.00*		*96*	*70-130*			
LCS (2511182-BS2)				Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	31		ug/L	25.00		123	70-130			
Benzene	28		ug/L	25.00		110	70-130			
Chlorobenzene	24		ug/L	25.00		97	70-130			
Toluene	25		ug/L	25.00		99	70-130			
Trichloroethene	25		ug/L	25.00		100	70-130			
Surrogate: 4-Bromofluorobenzene	*20.8*		*ug/L*	*25.00*		*83*	*70-130*			
Surrogate: Dibromofluoromethane	*24.8*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*22.8*		*ug/L*	*25.00*		*91*	*70-130*			
LCS Dup (2511182-BSD1)				Prepared & Analyzed: 11/19/2025						
1,1-Dichloroethene	31		ug/L	25.00		122	70-130	2	30	
Benzene	28		ug/L	25.00		113	70-130	0.1	30	
Chlorobenzene	27		ug/L	25.00		108	70-130	7	30	
Toluene	27		ug/L	25.00		109	70-130	6	30	
Trichloroethene	27		ug/L	25.00		107	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*22.6*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Date Received: 11/12/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511182 - SW8260B										
LCS Dup (2511182-BSD2)				Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	31		ug/L	25.00		124	70-130	0.8	30	
Benzene	28		ug/L	25.00		111	70-130	0.7	30	
Chlorobenzene	24		ug/L	25.00		97	70-130	0.1	30	
Toluene	25		ug/L	25.00		99	70-130	0.3	30	
Trichloroethene	25		ug/L	25.00		98	70-130	1	30	
Surrogate: 4-Bromofluorobenzene	*20.9*		*ug/L*	*25.00*		*83*	*70-130*			
Surrogate: Dibromofluoromethane	*25.1*		*ug/L*	*25.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			
Matrix Spike (2511182-MS1)		**Source: 25K0411-02**		Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	27		ug/L	25.00	0.010	110	70-130			
Benzene	25		ug/L	25.00	0.010	98	70-130			
Chlorobenzene	25		ug/L	25.00	0.010	100	70-130			
Toluene	25		ug/L	25.00	0.010	101	70-130			
Trichloroethene	24		ug/L	25.00	0.010	98	70-130			
Surrogate: 4-Bromofluorobenzene	*22.4*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*25.6*		*ug/L*	*25.00*		*102*	*70-130*			
Matrix Spike (2511182-MS2)		**Source: 25K0428-01**		Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	27		ug/L	25.00	0.020	109	70-130			
Benzene	25		ug/L	25.00	0.010	100	70-130			
Chlorobenzene	26		ug/L	25.00	0.0	106	70-130			
Toluene	26		ug/L	25.00	0.010	106	70-130			
Trichloroethene	25		ug/L	25.00	0.0	101	70-130			
Surrogate: 4-Bromofluorobenzene	*21.0*		*ug/L*	*25.00*		*84*	*70-130*			
Surrogate: Dibromofluoromethane	*22.5*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Toluene-d8	*24.9*		*ug/L*	*25.00*		*100*	*70-130*			
Matrix Spike (2511182-MS3)		**Source: 25K0453-03**		Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	27		ug/L	25.00	0.010	107	70-130			
Benzene	24		ug/L	25.00	0.0	98	70-130			
Chlorobenzene	26		ug/L	25.00	0.0	105	70-130			
Toluene	26		ug/L	25.00	0.010	105	70-130			
Trichloroethene	25		ug/L	25.00	0.0	99	70-130			
Surrogate: 4-Bromofluorobenzene	*21.4*		*ug/L*	*25.00*		*86*	*70-130*			
Surrogate: Dibromofluoromethane	*21.9*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Toluene-d8	*25.2*		*ug/L*	*25.00*		*101*	*70-130*			
Matrix Spike Dup (2511182-MSD1)		**Source: 25K0411-02**		Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	26		ug/L	25.00	0.010	103	70-130	6	30	
Benzene	24		ug/L	25.00	0.010	96	70-130	3	30	
Chlorobenzene	25		ug/L	25.00	0.010	99	70-130	1	30	
Toluene	25		ug/L	25.00	0.010	99	70-130	2	30	
Trichloroethene	23		ug/L	25.00	0.010	93	70-130	5	30	
Surrogate: 4-Bromofluorobenzene	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*22.7*		*ug/L*	*25.00*		*91*	*70-130*			
Surrogate: Toluene-d8	*24.9*		*ug/L*	*25.00*		*100*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Date Received: 11/12/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511182 - SW8260B										
Matrix Spike Dup (2511182-MSD2)	**Source: 25K0428-01**			Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	26		ug/L	25.00	0.020	102	70-130	7	30	
Benzene	24		ug/L	25.00	0.010	96	70-130	4	30	
Chlorobenzene	25		ug/L	25.00	0.0	100	70-130	5	30	
Toluene	25		ug/L	25.00	0.010	102	70-130	4	30	
Trichloroethene	24		ug/L	25.00	0.0	97	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*20.8*		*ug/L*	*25.00*		*83*	*70-130*			
Surrogate: Dibromofluoromethane	*21.8*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Toluene-d8	*24.6*		*ug/L*	*25.00*		*98*	*70-130*			
Matrix Spike Dup (2511182-MSD3)	**Source: 25K0453-03**			Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	25		ug/L	25.00	0.010	100	70-130	7	30	
Benzene	23		ug/L	25.00	0.0	92	70-130	6	30	
Chlorobenzene	25		ug/L	25.00	0.0	102	70-130	3	30	
Toluene	26		ug/L	25.00	0.010	102	70-130	3	30	
Trichloroethene	24		ug/L	25.00	0.0	96	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Toluene-d8	*25.7*		*ug/L*	*25.00*		*103*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Date Received: 11/12/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511172 - EPA 300.0 (2.1)										
Blank (2511172-BLK1)				Prepared & Analyzed: 11/17/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2511172-BS1)				Prepared & Analyzed: 11/17/2025						
Chloride	12	1.0	mg/L	12.50		95	90-110			
Fluoride	1.9	0.50	mg/L	2.000		97	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		98	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2511172-BSD1)				Prepared & Analyzed: 11/17/2025						
Chloride	12	1.0	mg/L	12.50		95	90-110	0.1	10	
Fluoride	2.0	0.50	mg/L	2.000		98	90-110	0.6	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110	0.03	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		98	90-110	0.06	10	
Sulfate	13	5.0	mg/L	12.50		104	90-110	0.05	10	
Matrix Spike (2511172-MS1)		**Source: 25K0320-03**		Prepared: 11/18/2025 Analyzed: 11/29/2025						
Chloride	12	1.0	mg/L	12.50	ND	95	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	99	80-120			
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000	ND	97	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	96	80-120			
Sulfate	13	5.0	mg/L	12.50	3.2	79	80-120			M2
Matrix Spike (2511172-MS2)		**Source: 25K0476-01**		Prepared: 11/18/2025 Analyzed: 11/29/2025						
Chloride	18	1.0	mg/L	12.50	5.9	94	80-120			
Fluoride	2.3	0.50	mg/L	2.000	0.39	97	80-120			
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.62	95	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	94	80-120			
Sulfate	16	5.0	mg/L	12.50	6.1	79	80-120			M2
Matrix Spike (2511172-MS3)		**Source: 25K0379-04**		Prepared: 11/18/2025 Analyzed: 11/29/2025						
Chloride	12	1.0	mg/L	12.50	0.83	90	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	100	80-120			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	98	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	13	5.0	mg/L	12.50	3.2	80	80-120			M2
Matrix Spike (2511172-MS4)		**Source: 25K0466-01RE1**		Prepared: 11/18/2025 Analyzed: 11/29/2025						
Chloride	14	1.0	mg/L	12.50	4.6	75	80-120			M2
Fluoride	3.7	0.50	mg/L	2.000	3.6	5	80-120			M2
Nitrogen, Nitrate (As N)	5.1	0.50	mg/L	5.000	0.79	86	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	16	5.0	mg/L	12.50	12	33	80-120			M2

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0411
Date Received: 11/12/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511172 - EPA 300.0 (2.1)										
Matrix Spike Dup (2511172-MSD1)	**Source: 25K0320-03**			Prepared: 11/18/2025 Analyzed: 11/29/2025						
Chloride	12	1.0	mg/L	12.50	ND	95	80-120	0.4	10	
Fluoride	2.0	0.50	mg/L	2.000	ND	99	80-120	0.1	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	97	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	95	80-120	0.6	10	
Sulfate	13	5.0	mg/L	12.50	3.2	79	80-120	0.1	10	M2
Matrix Spike Dup (2511172-MSD2)	**Source: 25K0476-01**			Prepared: 11/18/2025 Analyzed: 11/29/2025						
Chloride	18	1.0	mg/L	12.50	5.9	96	80-120	0.9	10	
Fluoride	2.4	0.50	mg/L	2.000	0.39	99	80-120	1	10	
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.62	96	80-120	1	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	96	80-120	1	10	
Sulfate	16	5.0	mg/L	12.50	6.1	80	80-120	0.9	10	
Matrix Spike Dup (2511172-MSD3)	**Source: 25K0379-04**			Prepared: 11/18/2025 Analyzed: 11/29/2025						
Chloride	12	1.0	mg/L	12.50	0.83	88	80-120	1	10	
Fluoride	2.0	0.50	mg/L	2.000	ND	99	80-120	1	10	
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000	ND	97	80-120	1	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	96	80-120	1	10	
Sulfate	13	5.0	mg/L	12.50	3.2	79	80-120	0.9	10	M2
Matrix Spike Dup (2511172-MSD4)	**Source: 25K0466-01RE1**			Prepared: 11/18/2025 Analyzed: 11/29/2025						
Chloride	14	1.0	mg/L	12.50	4.6	75	80-120	0.4	10	M2
Fluoride	3.7	0.50	mg/L	2.000	3.6	5	80-120	0.2	10	M2
Nitrogen, Nitrate (As N)	5.1	0.50	mg/L	5.000	0.79	86	80-120	0.5	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120	0.5	10	
Sulfate	16	5.0	mg/L	12.50	12	33	80-120	0.2	10	M2

TURNER LABORATORIES INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 95404-1 DATE 11/12/25 PAGE 1 OF 1

PROJECT NAME GROUND WATER # _____
CONTACT NAME _____
COMPANY NAME COPPER WORLD
ADDRESS _____
ZIP _____ PHONE _____ EMAIL _____
SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS
POC-01	11/12/25	14:40		GW	9
POC-02	11/12/25	13:25		GW	9
POC-03	11/12/25	11:40		GW	9
POC-04	11/12/25	10:10		GW	9

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics 624 ☐ 524.2 ☐ 8260 ☐ HAA5 ☐ TTHMs ☐ Chloride ☐ Sulfate ☐ Resistivity ☐ NO_3 ☐ NO_2 ☐ TKN ☐ TPH ☐ 1664 ☐ Oil & Grease ☐ TCLP Analysis ☐ VOA ☐ Semi-VOA ☐ Pest. ☐ TCLP ☐ Metals ☐ Dissolved ☐ Total ☐ RCRA8 ☐ Total ☐ Cyanide ☐ Amen. ☐ WAD ☐ SDWA-INORGANICS PRIMARY ☐ SECONDARY ☐ Coliform ☐ MPN ☐ PIA ☐ pH ☐ Fecal ☐ Cl2 ☐ Turb ☐ Cl- ☐ TSS ☐ COD ☐ BOD ☐

1. RELINQUISHED BY:
Signature: A. Colmenero
Printed Name: Alejandro Colmenero
Firm: PITEAU
Date/Time: 11/12/2025 16:33

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
___ Standard (approx. 10 days)*
___ Next Day ___ 2 Day ___ 5 Day*
___ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
___ I. Routine Report
___ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
___ III. Data Validation Report (Includes All Raw Data) Add 10% to Invoice

INVOICE INFORMATION:
Account ___ Y ___ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers _____
Temperature 3.7
☒ Wet Ice ☐ Ambient ☐ Blue Ice
IR # 48

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Printed Name: Kaitlyn Pickett
Firm: TURNER LABORATORIES, INC.
Date/Time: 11/12/25 1633

* LEGEND SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☒
COC / Labels Agree ☒

Preservation Confirmation ☒
Appropriate Head Space ☒
Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:
acolmenero@piteau.com

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 12, 2025
Sample Received: November 14, 2025
Analysis Completed: December 03, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25K0411-01	12.8 ± 0.9	10.2 ± 1.1	2.6 ± 1.4	8.4 ± 1.6	< 0.4	1.2 ± 0.4	1.2 ± 0.4

Analysis Date/Time	11/25/2025	11/20/2025	11/25/2025	11/26/2025	11/28/2025	11/28/2025	11/28/2025
	10:10	9:01	10:10	8:55	3:16	3:16	3:16

December 3, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 12, 2025
Sample Received: November 14, 2025
Uranium Analysis Date: November 20, 2025
Uranium Analysis Time: 9:01

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25K0411-01	3.8 ± 0.5	0.178 ± 0.003	6.2 ± 0.6	10.2 ± 1.1	Activity (pCi/L)
	11.4 ± 1.4	0.083 ± 0.002	0.00100 ± 0.00010	11.5 ± 1.4	Content (µg/L)
	Comments:				

December 3, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 12, 2025 (Sample Date) 14:40 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	11/25/2025	2.6 ± 1.4		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/25/2025	12.8 ± 0.9		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	11/20/2025	11.5 ± 1.4	µg/L	
			Uranium 234	4007	11/20/2025	0.00100 ± 0.00010		
			Uranium 235	4008	11/20/2025	0.083 ± 0.002		
			Uranium 238	4009	11/20/2025	11.4 ± 1.4		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/28/2025	1.2 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/28/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/28/2025	1.2 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78703

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0411-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 12, 2025 (Sample Date) 14:40 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	11/26/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78703

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0411-01

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 12, 2025
Sample Received: November 14, 2025
Analysis Completed: December 03, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25K0411-02	17.9 ± 2.3	15.0 ± 1.3	2.9 ± 2.6	10.4 ± 1.8	< 0.5	< 0.9	< 0.9

Analysis Date/Time	11/27/2025	11/20/2025	11/27/2025	11/27/2025	11/28/2025	11/28/2025	11/28/2025
	04:35	9:16	04:35	15:10	7:17	7:17	7:17

Robert L. Metzger, Ph.D., C.H.P. December 3, 2025 Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 12, 2025
Sample Received: November 14, 2025
Uranium Analysis Date: November 20, 2025
Uranium Analysis Time: 9:16

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25K0411-02	6.0 ± 0.6	0.279 ± 0.004	8.8 ± 0.7	15.0 ± 1.3	Activity (pCi/L)
	17.9 ± 1.7	0.131 ± 0.002	0.00141 ± 0.00012	18.0 ± 1.7	Content (µg/L)
	Comments:				

December 3, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 12, 2025 (Sample Date) 13:28 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	11/27/2025	2.9 ± 2.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/27/2025	17.9 ± 2.3		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	11/20/2025	18.0 ± 1.7	µg/L	
			Uranium 234	4007	11/20/2025	0.00141 ± 0.00012		
			Uranium 235	4008	11/20/2025	0.131 ± 0.002		
			Uranium 238	4009	11/20/2025	17.9 ± 1.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/28/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/28/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/28/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78704

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0411-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 12, 2025 (Sample Date) 13:28 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	11/27/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78704

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0411-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 12, 2025
Sample Received: November 14, 2025
Analysis Completed: December 03, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25K0411-03	9.9 ± 0.8	10.4 ± 1.1	< 1.0	5.8 ± 2.5	0.6 ± 0.2	< 0.9	0.6 ± 0.2

Analysis Date/Time	11/25/2025	11/20/2025	11/25/2025	11/27/2025	11/28/2025	11/28/2025	11/28/2025
	11:50	9:33	11:50	18:30	11:18	11:18	11:18

December 3, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 12, 2025
Sample Received: November 14, 2025
Uranium Analysis Date: November 20, 2025
Uranium Analysis Time: 9:33

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25K0411-03	3.4 ± 0.4	0.157 ± 0.003	6.9 ± 0.6	10.4 ± 1.1	Activity (pCi/L)
	10.0 ± 1.3	0.073 ± 0.001	0.00110 ± 0.00010	10.1 ± 1.3	Content (µg/L)
	Comments:				

December 3, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 12, 2025 (Sample Date) 11:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	11/25/2025	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/25/2025	9.9 ± 0.8		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	11/20/2025	10.1 ± 1.3	µg/L	
			Uranium 234	4007	11/20/2025	0.00110 ± 0.00010		
			Uranium 235	4008	11/20/2025	0.073 ± 0.001		
			Uranium 238	4009	11/20/2025	10.0 ± 1.3		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	11/28/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	11/28/2025	0.6 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	11/28/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78705

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0411-03

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 12, 2025 (Sample Date) 11:40 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	11/27/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78705

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0411-03

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 12, 2025
Sample Received: November 14, 2025
Analysis Completed: December 03, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25K0411-04	15.0 ± 1.3	14.7 ± 1.8	0.3 ± 2.2	8.5 ± 2.5	0.7 ± 0.2	< 0.9	0.7 ± 0.2

Analysis Date/Time	11/25/2025 13:31	11/20/2025 9:48	11/25/2025 13:31	11/27/2025 21:50	---	---	---

December 3, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 12, 2025
Sample Received: November 14, 2025
Uranium Analysis Date: November 20, 2025
Uranium Analysis Time: 9:48

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25K0411-04	5.2 ± 0.8	0.240 ± 0.005	9.3 ± 1.1	14.7 ± 1.8	Activity (pCi/L)
	15.3 ± 2.3	0.112 ± 0.003	0.00149 ± 0.00017	15.4 ± 2.3	Content (µg/L)
	Comments:				

December 3, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 12, 2025 (Sample Date) 10:10 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	11/25/2025	0.3 ± 2.2		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/25/2025	15.0 ± 1.3		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	11/20/2025	15.4 ± 2.3	µg/L	
			Uranium 234	4007	11/20/2025	0.00149 ± 0.00017		
			Uranium 235	4008	11/20/2025	0.112 ± 0.003		
			Uranium 238	4009	11/20/2025	15.3 ± 2.3		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010		0.7 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020		0.7 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030		< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

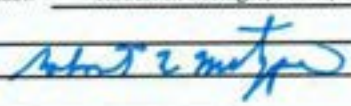
Specimen Number: RSE78706

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0411-04

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 12, 2025 (Sample Date) 10:10 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	11/27/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78706

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0411-04

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25K0411

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25K0411-01 Non-Potable Wa Sampled:11/12/2025 14:40			
Radiochemistry, Uranium	05/11/2026 14:40		
Radiochemistry, Radium 226/228	12/12/2025 14:40		
Radiochemistry, Gross Alpha Beta	05/11/2026 14:40		78703
Containers Supplied:			
Sample ID: 25K0411-02 Non-Potable Wa Sampled:11/12/2025 13:28			
Radiochemistry, Uranium	05/11/2026 13:28		
Radiochemistry, Radium 226/228	12/12/2025 13:28		
Radiochemistry, Gross Alpha Beta	05/11/2026 13:28		78704
Containers Supplied:			
Sample ID: 25K0411-03 Non-Potable Wa Sampled:11/12/2025 11:40			
Radiochemistry, Uranium	05/11/2026 11:40		
Radiochemistry, Radium 226/228	12/12/2025 11:40		
Radiochemistry, Gross Alpha Beta	05/11/2026 11:40		78705
Containers Supplied:			
Sample ID: 25K0411-04 Non-Potable Wa Sampled:11/12/2025 10:10			
Radiochemistry, Uranium	05/11/2026 10:10		
Radiochemistry, Radium 226/228	12/12/2025 10:10		
Radiochemistry, Gross Alpha Beta	05/11/2026 10:10		78706
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	11/13/25 1600	UPS	11/13/25 1600
Released By	Date	Received By	Date
		[signature]	11/14/25 10:20am

January 12, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25K0453

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 5 sample(s) on 11/13/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Date Received: 11/13/2025

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25K0453-01	POC - 05	Ground Water	11/13/2025 1501
25K0453-02	POC - 06	Ground Water	11/13/2025 1330
25K0453-03	POC - 09	Ground Water	11/13/2025 1120
25K0453-04	Field Blank	Ground Water	11/13/2025 1540
25K0453-05	Trip blank	Trip Blank	11/13/2025 0000

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Date Received: 11/13/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 01/12/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-01

Client Sample ID: POC - 05
Collection Date/Time: 11/13/2025 1501
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	12/04/2025 0833	12/04/2025 1330	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	11/14/2025 0800	11/14/2025 1346	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.59		0.30		mg/L	1	11/26/2025 1002	12/08/2025 1720	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.030		0.0056		mg/L	10	11/26/2025 0800	01/10/2026 1537	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	47		4.0		mg/L	1	11/26/2025 0844	12/19/2025 1539	RAR
Magnesium	10		3.0		mg/L	1	11/26/2025 1444	12/19/2025 1539	RAR
Potassium	4.1	0.14	5.0	E4	mg/L	1	11/26/2025 1444	12/19/2025 1539	RAR
Sodium	58		5.0		mg/L	1	11/26/2025 1444	12/19/2025 1539	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.13	0.40	E8	mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Antimony	ND	0.00039	0.0050	E8	mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Arsenic	0.0050		0.0050		mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Barium	0.093		0.0050		mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Beryllium	ND	0.00013	0.0025	E8	mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Cadmium	ND	0.00050	0.0025	E8	mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Chromium	ND	0.00023	0.0050	E8	mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Cobalt	0.0016	0.00010	0.0025	E4	mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Copper	0.028		0.0050		mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Lead	ND	0.00057	0.0050	E8	mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Manganese	0.093		0.0025		mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Molybdenum	0.039		0.0025		mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Nickel	0.0035	0.00015	0.0050	E4	mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Selenium	ND	0.0025	0.025	E8	mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Thallium	ND	0.00023	0.0050	E8	mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
Uranium	0.029		0.0050		mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-01

Client Sample ID: POC - 05
Collection Date/Time: 11/13/2025 1501
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.060	0.023	0.40	E4	mg/L	10	11/14/2025 1445	12/24/2025 1240	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	12/04/2025 1050	12/05/2025 1443	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	21		1.0		mg/L	1	11/14/2025 0800	11/14/2025 1346	SS
Fluoride	2.6		0.50		mg/L	1	11/14/2025 0800	11/14/2025 1346	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	11/14/2025 0800	11/14/2025 1346	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	11/14/2025 0800	11/14/2025 1346	SS
Sulfate	23		5.0		mg/L	1	11/14/2025 0800	11/14/2025 1346	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	12/04/2025 0833	12/04/2025 1330	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	11/21/2025 1120	12/01/2025 0831	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Total (As CaCO3)	230		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	320		20		mg/L	1	11/18/2025 0800	11/21/2025 1557	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/24/2025 1323	11/24/2025 1620	SJS
pH-SM4500-H+ B									

Turner Laboratories, Inc.

Date: 01/12/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-01

Client Sample ID: POC - 05
Collection Date/Time: 11/13/2025 1501
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.7			H5	-	1	12/01/2025 1017	12/01/2025 1649	IM
Temperature (°C)	23			H5	-	1	12/01/2025 1017	12/01/2025 1649	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1020	KP
Carbon disulfide	0.28	0.11	2.0	E4	ug/L	1	11/19/2025 1155	11/20/2025 1020	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1020	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1020	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/19/2025 1155	11/20/2025 1020	KP
Surr: 4-Bromofluorobenzene	*84*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1020*	*KP*
Surr: Dibromofluoromethane	*98*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1020*	*KP*
Surr: Toluene-d8	*91*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1020*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-02

Client Sample ID: POC - 06
Collection Date/Time: 11/13/2025 1330
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	12/04/2025 0833	12/04/2025 1330	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	11/14/2025 0800	11/14/2025 1405	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	11/26/2025 1002	12/08/2025 1723	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.015		0.0056		mg/L	10	11/26/2025 0800	01/10/2026 1540	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	71		4.0		mg/L	1	11/26/2025 1444	12/19/2025 1542	RAR
Magnesium	19		3.0		mg/L	1	11/26/2025 1444	12/19/2025 1542	RAR
Potassium	5.2		5.0		mg/L	1	11/26/2025 1444	12/19/2025 1542	RAR
Sodium	50		5.0		mg/L	1	11/26/2025 1444	12/19/2025 1542	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.13	0.40	E8	mg/L	10	11/14/2025 1445	12/24/2025 1243	RAR
Antimony	0.0040	0.00039	0.0050	E4	mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Arsenic	0.0035	0.0010	0.0050	E4	mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Barium	0.067		0.0050		mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Beryllium	0.00032	0.00013	0.0025	E4	mg/L	10	11/14/2025 1445	12/24/2025 1243	RAR
Cadmium	ND	0.00050	0.0025	E8	mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Chromium	0.00053	0.00023	0.0050	E4	mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Cobalt	0.00073	0.00010	0.0025	E4	mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Copper	0.0078		0.0050		mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Lead	ND	0.00057	0.0050	E8	mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Manganese	0.021		0.0025		mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Molybdenum	0.13		0.0025		mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Nickel	0.0038	0.00015	0.0050	E4	mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Selenium	0.0032	0.0025	0.025	E4	mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Thallium	0.00039	0.00023	0.0050	E4	mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Uranium	0.014		0.0050		mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR
Zinc	0.028	0.023	0.40	E4	mg/L	10	11/14/2025 1445	12/23/2025 1835	RAR

Turner Laboratories, Inc.

Date: 01/12/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-02

Client Sample ID: POC - 06
Collection Date/Time: 11/13/2025 1330
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	12/04/2025 1050	12/05/2025 1451	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	40		2.0		mg/L	2	11/14/2025 0800	11/29/2025 0211	SS
Fluoride	2.8		1.0		mg/L	2	11/14/2025 0800	11/29/2025 0211	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	11/14/2025 0800	11/14/2025 1405	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	11/14/2025 0800	11/14/2025 1405	SS
Sulfate	100		10	M2	mg/L	2	11/14/2025 0800	11/29/2025 0211	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	12/04/2025 0833	12/04/2025 1330	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	11/21/2025 1120	12/01/2025 0831	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Total (As CaCO3)	190		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	440		20		mg/L	1	11/18/2025 0800	11/21/2025 1557	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/24/2025 1323	11/24/2025 1620	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.8			H5	-	1	12/01/2025 1017	12/01/2025 1652	IM
Temperature (°C)	23			H5	-	1	12/01/2025 1017	12/01/2025 1652	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-02

Client Sample ID: POC - 06
Collection Date/Time: 11/13/2025 1330
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1100	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	11/19/2025 1155	11/20/2025 1100	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1100	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1100	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/19/2025 1155	11/20/2025 1100	KP
Surr: 4-Bromofluorobenzene	*81*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1100*	*KP*
Surr: Dibromofluoromethane	*92*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1100*	*KP*
Surr: Toluene-d8	*89*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1100*	*KP*

Turner Laboratories, Inc.

Date: 01/12/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-03

Client Sample ID: POC - 09
Collection Date/Time: 11/13/2025 1120
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	12/04/2025 0833	12/04/2025 1330	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.55		0.60	J	mg/L	1	11/14/2025 0800	11/14/2025 1425	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.049	0.020	0.30	E4	mg/L	1	11/26/2025 1002	12/08/2025 1744	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0051	0.00016	0.0056	E4	mg/L	10	11/26/2025 0800	01/10/2026 1543	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	70		4.0		mg/L	1	11/26/2025 1444	12/19/2025 1545	RAR
Magnesium	16		3.0		mg/L	1	11/26/2025 1444	12/19/2025 1545	RAR
Potassium	2.7	0.14	5.0	E4	mg/L	1	11/26/2025 1444	12/19/2025 1545	RAR
Sodium	14		5.0		mg/L	1	11/26/2025 1444	12/19/2025 1545	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.13	0.40	E8	mg/L	10	11/14/2025 1445	12/24/2025 1246	RAR
Antimony	ND	0.00039	0.0050	E8	mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Arsenic	0.0041	0.0010	0.0050	E4	mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Barium	0.028		0.0050		mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Beryllium	ND	0.00013	0.0025	E8	mg/L	10	11/14/2025 1445	12/24/2025 1246	RAR
Cadmium	ND	0.00050	0.0025	E8	mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Chromium	ND	0.00023	0.0050	E8	mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Cobalt	0.00060	0.00010	0.0025	E4	mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Copper	0.0081		0.0050		mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Lead	ND	0.00057	0.0050	E8	mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Manganese	0.034		0.0025		mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Molybdenum	0.039		0.0025		mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Nickel	0.0033	0.00015	0.0050	E4	mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Selenium	ND	0.0025	0.025	E8	mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Thallium	ND	0.00023	0.0050	E8	mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Uranium	0.0043	0.00015	0.0050	E4	mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR
Zinc	ND	0.023	0.40	E8	mg/L	10	11/14/2025 1445	12/23/2025 1838	RAR

Turner Laboratories, Inc.

Date: 01/12/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-03

Client Sample ID: POC - 09
Collection Date/Time: 11/13/2025 1120
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	12/04/2025 1050	12/05/2025 1459	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	12		1.0		mg/L	1	11/14/2025 0800	11/14/2025 1425	SS
Fluoride	1.1		0.50		mg/L	1	11/14/2025 0800	11/14/2025 1425	SS
Nitrogen, Nitrate (As N)	0.55		0.50		mg/L	1	11/14/2025 0800	11/14/2025 1425	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	11/14/2025 0800	11/14/2025 1425	SS
Sulfate	17		5.0		mg/L	1	11/14/2025 0800	11/14/2025 1425	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	12/04/2025 0833	12/04/2025 1330	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	12/01/2025 0932	12/02/2025 1442	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Total (As CaCO3)	230		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	290		20		mg/L	1	11/18/2025 0800	11/21/2025 1557	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/24/2025 1323	11/24/2025 1620	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.6			H5	-	1	12/01/2025 1017	12/01/2025 1701	IM
Temperature (°C)	23			H5	-	1	12/01/2025 1017	12/01/2025 1701	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-03

Client Sample ID: POC - 09
Collection Date/Time: 11/13/2025 1120
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1139	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	11/19/2025 1155	11/20/2025 1139	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1139	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1139	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/19/2025 1155	11/20/2025 1139	KP
Surr: 4-Bromofluorobenzene	*79*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1139*	*KP*
Surr: Dibromofluoromethane	*92*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1139*	*KP*
Surr: Toluene-d8	*89*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1139*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-04

Client Sample ID: Field Blank
Collection Date/Time: 11/13/2025 1540
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	12/04/2025 0833	12/04/2025 1330	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	11/14/2025 0800	11/14/2025 1444	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	11/26/2025 1002	12/08/2025 1747	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	ND	0.000016	0.00056	E4	mg/L	1	11/26/2025 0800	01/10/2026 1546	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	0.18	0.13	4.0	E4	mg/L	1	11/26/2025 1444	12/19/2025 1548	RAR
Magnesium	0.11	0.10	3.0	E4	mg/L	1	11/26/2025 1444	12/19/2025 1548	RAR
Potassium	ND	0.14	5.0	E8	mg/L	1	11/26/2025 1444	12/19/2025 1548	RAR
Sodium	1.1	0.58	5.0	E4	mg/L	1	11/26/2025 1444	12/19/2025 1548	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	11/14/2025 1445	12/24/2025 1207	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Arsenic	ND	0.00010	0.00050	E8	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Barium	0.000069	0.000029	0.00050	E4	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Beryllium	0.000024	0.000013	0.00025	E4	mg/L	1	11/14/2025 1445	12/24/2025 1207	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Chromium	0.000041	0.000023	0.00050	E4	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Cobalt	0.000017	0.000010	0.00025	E4	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Copper	ND	0.00015	0.00050	E8	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Manganese	0.000045	0.000038	0.00025	E4	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Molybdenum	0.00012	0.000025	0.00025	E4	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Nickel	0.000036	0.000015	0.00050	E4	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Selenium	ND	0.00025	0.0025	E8	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Thallium	0.000029	0.000023	0.00050	E4	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Uranium	0.000054	0.000015	0.00050	E4	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	11/14/2025 1445	12/23/2025 1727	RAR

Turner Laboratories, Inc.

Date: 01/12/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-04

Client Sample ID: Field Blank
Collection Date/Time: 11/13/2025 1540
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	12/04/2025 1050	12/05/2025 1501	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	0.96		1.0		mg/L	1	11/14/2025 0800	11/14/2025 1444	SS
Fluoride	ND	0.18	0.50	E8	mg/L	1	11/14/2025 0800	11/14/2025 1444	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	11/14/2025 0800	11/14/2025 1444	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	11/14/2025 0800	11/14/2025 1444	SS
Sulfate	3.2	2.8	5.0	E4	mg/L	1	11/14/2025 0800	11/14/2025 1444	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	12/04/2025 0833	12/04/2025 1330	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	12/01/2025 0932	12/02/2025 1442	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	20		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Alkalinity, Total (As CaCO3)	20		2.0		mg/L	1	11/26/2025 1202	11/26/2025 1557	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	ND		20		mg/L	1	11/18/2025 0800	11/21/2025 1557	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	11/24/2025 1323	11/24/2025 1620	SJS
pH-SM4500-H+ B									
pH (pH Units)	5.9			H5	-	1	12/01/2025 1017	12/01/2025 1704	IM
Temperature (°C)	23			H5	-	1	12/01/2025 1017	12/01/2025 1704	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-04

Client Sample ID: Field Blank
Collection Date/Time: 11/13/2025 1540
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1219	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	11/19/2025 1155	11/20/2025 1219	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1219	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1219	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/19/2025 1155	11/20/2025 1219	KP
Surr: 4-Bromofluorobenzene	*82*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1219*	*KP*
Surr: Dibromofluoromethane	*95*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1219*	*KP*
Surr: Toluene-d8	*92*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1219*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Lab Sample ID: 25K0453-05

Client Sample ID: Trip blank
Collection Date/Time: 11/13/2025 0000
Matrix: Trip Blank

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1259	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	11/19/2025 1155	11/20/2025 1259	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1259	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	11/19/2025 1155	11/20/2025 1259	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	11/19/2025 1155	11/20/2025 1259	KP
Surr: 4-Bromofluorobenzene	*80*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1259*	*KP*
Surr: Dibromofluoromethane	*93*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1259*	*KP*
Surr: Toluene-d8	*89*	*70-130*			*%REC*	*1*	*11/19/2025 1155*	*11/20/2025 1259*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Date Received: 11/13/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511141 - EPA 200.8 (5.4)										
Blank (2511141-BLK1)				Prepared: 12/23/2025 Analyzed: 12/26/2025						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.00018	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2511141-BS1)				Prepared & Analyzed: 12/23/2025						
Aluminum	0.10	0.040	mg/L	0.1000		100	85-115			
Antimony	0.054	0.00050	mg/L	0.05000		109	85-115			
Arsenic	0.049	0.00050	mg/L	0.05000		99	85-115			
Barium	0.054	0.00050	mg/L	0.05000		107	85-115			
Beryllium	0.049	0.00025	mg/L	0.05000		99	85-115			
Cadmium	0.055	0.00025	mg/L	0.05000		110	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115			
Copper	0.050	0.00050	mg/L	0.05000		100	85-115			
Lead	0.049	0.00050	mg/L	0.05000		98	85-115			
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115			
Molybdenum	0.053	0.00025	mg/L	0.05000		105	85-115			
Nickel	0.050	0.00050	mg/L	0.05000		100	85-115			
Selenium	0.051	0.0025	mg/L	0.05000		103	85-115			
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115			
Uranium	0.051	0.00050	mg/L	0.05000		101	85-115			
Zinc	0.10	0.040	mg/L	0.1000		103	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Date Received: 11/13/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511141 - EPA 200.8 (5.4)										
LCS Dup (2511141-BSD1)				Prepared & Analyzed: 12/23/2025						
Aluminum	0.097	0.040	mg/L	0.1000		97	85-115	3	20	
Antimony	0.055	0.00050	mg/L	0.05000		109	85-115	0.3	20	
Arsenic	0.049	0.00050	mg/L	0.05000		99	85-115	0.05	20	
Barium	0.053	0.00050	mg/L	0.05000		106	85-115	0.9	20	
Beryllium	0.049	0.00025	mg/L	0.05000		98	85-115	0.3	20	
Cadmium	0.055	0.00025	mg/L	0.05000		111	85-115	0.7	20	
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115	0.5	20	
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115	0.1	20	
Copper	0.050	0.00050	mg/L	0.05000		99	85-115	1	20	
Lead	0.049	0.00050	mg/L	0.05000		98	85-115	0.4	20	
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115	0.04	20	
Molybdenum	0.053	0.00025	mg/L	0.05000		106	85-115	0.6	20	
Nickel	0.050	0.00050	mg/L	0.05000		100	85-115	0.08	20	
Selenium	0.051	0.0025	mg/L	0.05000		103	85-115	0.1	20	
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115	2	20	
Uranium	0.050	0.00050	mg/L	0.05000		101	85-115	0.5	20	
Zinc	0.10	0.040	mg/L	0.1000		102	85-115	2	20	
Matrix Spike (2511141-MS1)		**Source: 25K0421-08**		Prepared & Analyzed: 12/23/2025						
Aluminum	0.11	0.040	mg/L	0.1000	ND	111	70-130			
Antimony	0.056	0.00050	mg/L	0.05000	ND	112	70-130			
Arsenic	0.054	0.00050	mg/L	0.05000	ND	108	70-130			
Barium	0.054	0.00050	mg/L	0.05000	0.000037	107	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.000034	104	70-130			
Cadmium	0.059	0.00025	mg/L	0.05000	0.00012	117	70-130			
Chromium	0.051	0.00050	mg/L	0.05000	0.00012	101	70-130			
Cobalt	0.051	0.00025	mg/L	0.05000	0.00038	102	70-130			
Copper	0.057	0.00050	mg/L	0.05000	0.0054	103	70-130			
Lead	0.049	0.00050	mg/L	0.05000	ND	99	70-130			
Manganese	0.074	0.00025	mg/L	0.05000	0.024	102	70-130			
Molybdenum	0.053	0.00025	mg/L	0.05000	0.000064	107	70-130			
Nickel	0.051	0.00050	mg/L	0.05000	0.00061	101	70-130			
Selenium	0.063	0.0025	mg/L	0.05000	ND	125	70-130			
Thallium	0.050	0.00050	mg/L	0.05000	0.000024	99	70-130			
Uranium	0.051	0.00050	mg/L	0.05000	0.000031	101	70-130			
Zinc	0.13	0.040	mg/L	0.1000	0.015	114	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Date Received: 11/13/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511141 - EPA 200.8 (5.4)										
Matrix Spike (2511141-MS2)		**Source: 25K0453-04**		Prepared & Analyzed: 12/23/2025						
Aluminum	0.096	0.040	mg/L	0.1000	ND	96	70-130			
Antimony	0.055	0.00050	mg/L	0.05000	ND	109	70-130			
Arsenic	0.051	0.00050	mg/L	0.05000	ND	102	70-130			
Barium	0.051	0.00050	mg/L	0.05000	0.000069	103	70-130			
Beryllium	0.050	0.00025	mg/L	0.05000	0.000024	99	70-130			
Cadmium	0.056	0.00025	mg/L	0.05000	ND	112	70-130			
Chromium	0.048	0.00050	mg/L	0.05000	0.000041	96	70-130			
Cobalt	0.048	0.00025	mg/L	0.05000	0.000017	95	70-130			
Copper	0.048	0.00050	mg/L	0.05000	ND	97	70-130			
Lead	0.047	0.00050	mg/L	0.05000	ND	94	70-130			
Manganese	0.049	0.00025	mg/L	0.05000	0.000045	97	70-130			
Molybdenum	0.051	0.00025	mg/L	0.05000	0.00012	101	70-130			
Nickel	0.048	0.00050	mg/L	0.05000	0.000036	96	70-130			
Selenium	0.061	0.0025	mg/L	0.05000	ND	121	70-130			
Thallium	0.047	0.00050	mg/L	0.05000	0.000029	94	70-130			
Uranium	0.048	0.00050	mg/L	0.05000	0.000054	96	70-130			
Zinc	0.11	0.040	mg/L	0.1000	ND	112	70-130			
Batch 2512015 - EPA 200.7 (4.4)										
Blank (2512015-BLK1)				Prepared: 11/26/2025 Analyzed: 12/19/2025						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.79	5.0	mg/L							
LCS (2512015-BS1)				Prepared: 11/26/2025 Analyzed: 12/19/2025						
Calcium	10	4.0	mg/L	10.00		102	85-115			
Magnesium	10	3.0	mg/L	10.00		100	85-115			
Potassium	10	5.0	mg/L	10.00		101	85-115			
Sodium	10	5.0	mg/L	10.00		104	85-115			
LCS Dup (2512015-BSD1)				Prepared: 11/26/2025 Analyzed: 12/19/2025						
Calcium	10	4.0	mg/L	10.00		102	85-115	0.2	20	
Magnesium	10	3.0	mg/L	10.00		100	85-115	0.2	20	
Potassium	10	5.0	mg/L	10.00		101	85-115	0.5	20	
Sodium	10	5.0	mg/L	10.00		104	85-115	0.5	20	
Matrix Spike (2512015-MS1)		**Source: 25K0411-03**		Prepared: 11/26/2025 Analyzed: 12/19/2025						
Calcium	120	4.0	mg/L	10.00	110	81	70-130			
Magnesium	45	3.0	mg/L	10.00	34	108	70-130			
Potassium	16	5.0	mg/L	10.00	5.4	110	70-130			
Sodium	46	5.0	mg/L	10.00	37	90	70-130			
Matrix Spike (2512015-MS2)		**Source: 25K0411-04**		Prepared: 11/26/2025 Analyzed: 12/19/2025						
Calcium	72	4.0	mg/L	10.00	61	114	70-130			
Magnesium	30	3.0	mg/L	10.00	18	119	70-130			
Potassium	18	5.0	mg/L	10.00	5.8	123	70-130			
Sodium	63	5.0	mg/L	10.00	52	118	70-130			
Batch 2512046 - EPA 245.1										

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Blank (2512046-BLK1)				Prepared: 12/04/2025 Analyzed: 12/05/2025						
Mercury	ND	0.0010	mg/L							
LCS (2512046-BS1)				Prepared: 12/04/2025 Analyzed: 12/05/2025						
Mercury	0.0048	0.0010	mg/L	0.005000		97	85-115			
LCS Dup (2512046-BSD1)				Prepared: 12/04/2025 Analyzed: 12/05/2025						
Mercury	0.0048	0.0010	mg/L	0.005000		96	85-115	0.8	20	
Matrix Spike (2512046-MS1)		**Source: 25K0453-01**		Prepared: 12/04/2025 Analyzed: 12/05/2025						
Mercury	0.0048	0.0010	mg/L	0.005000	ND	97	70-130			
Matrix Spike (2512046-MS2)		**Source: 25K0453-02**		Prepared: 12/04/2025 Analyzed: 12/05/2025						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	97	70-130			
Matrix Spike Dup (2512046-MSD1)		**Source: 25K0453-01**		Prepared: 12/04/2025 Analyzed: 12/05/2025						
Mercury	0.0048	0.0010	mg/L	0.005000	ND	95	70-130	2	20	
Matrix Spike Dup (2512046-MSD2)		**Source: 25K0453-02**		Prepared: 12/04/2025 Analyzed: 12/05/2025						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	98	70-130	1	20	
Batch 2512051 - E200.8 (5.4)										
Blank (2512051-BLK1)				Prepared: 12/04/2025 Analyzed: 12/11/2025						
Uranium	ND	0.00050	mg/L							
LCS (2512051-BS1)				Prepared: 12/04/2025 Analyzed: 12/11/2025						
Uranium	0.046	0.00050	mg/L	0.05000		93	85-115			
LCS Dup (2512051-BSD1)				Prepared: 12/04/2025 Analyzed: 12/11/2025						
Uranium	0.049	0.00050	mg/L	0.05000		99	85-115	6	20	
Matrix Spike (2512051-MS1)		**Source: 25K0421-03**		Prepared: 12/04/2025 Analyzed: 12/11/2025						
Uranium	0.33	0.0010	mg/L	0.05000	0.29	76	70-130			
Matrix Spike (2512051-MS2)		**Source: 25K0421-04**		Prepared: 12/04/2025 Analyzed: 12/11/2025						
Uranium	0.067	0.0010	mg/L	0.05000	0.012	111	70-130			
Batch 2512064 - E200.7 (4.4)										
Blank (2512064-BLK1)				Prepared: 11/26/2025 Analyzed: 12/08/2025						
Iron	0.18	0.30	mg/L							
LCS (2512064-BS1)				Prepared: 11/26/2025 Analyzed: 12/08/2025						
Iron	1.3	0.30	mg/L	1.111		113	85-115			
LCS Dup (2512064-BSD1)				Prepared: 11/26/2025 Analyzed: 12/08/2025						
Iron	1.3	0.30	mg/L	1.111		114	85-115	1	20	
Matrix Spike (2512064-MS1)		**Source: 25K0334-05**		Prepared: 11/26/2025 Analyzed: 12/08/2025						
Iron	12	0.30	mg/L	1.111	11	102	70-130			
Matrix Spike (2512064-MS2)		**Source: 25K0334-06**		Prepared: 11/26/2025 Analyzed: 12/08/2025						
Iron	11	0.30	mg/L	1.111	11	80	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511166 - SM2540 C										
Duplicate (2511166-DUP1)		**Source: 25K0379-02**		Prepared: 11/18/2025 Analyzed: 11/21/2025						
Total Dissolved Solids (Residue, Filterable)	320	20	mg/L		320			0.6	5	
Duplicate (2511166-DUP2)		**Source: 25K0379-01**		Prepared: 11/18/2025 Analyzed: 11/21/2025						
Total Dissolved Solids (Residue, Filterable)	300	20	mg/L		300			1	5	
Batch 2511210 - SM 4500-NH3 B, F										
Blank (2511210-BLK1)				Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2511210-BS1)				Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		99	90-110			
LCS Dup (2511210-BSD1)				Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500		97	90-110	2	10	
Matrix Spike (2511210-MS1)		**Source: 25K0263-01**		Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2511210-MSD1)		**Source: 25K0263-01**		Prepared: 11/21/2025 Analyzed: 12/01/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2
Batch 2511216 - SM4500-CN BE										
Blank (2511216-BLK1)				Prepared & Analyzed: 11/24/2025						
Cyanide	ND	0.10	mg/L							
LCS (2511216-BS1)				Prepared & Analyzed: 11/24/2025						
Cyanide	1.9	0.10	mg/L	2.000		97	85-115			
LCS Dup (2511216-BSD1)				Prepared & Analyzed: 11/24/2025						
Cyanide	2.1	0.10	mg/L	2.000		104	85-115	7	15	
Matrix Spike (2511216-MS1)		**Source: 25K0453-04**		Prepared & Analyzed: 11/24/2025						
Cyanide	1.8	0.10	mg/L	2.000	ND	92	80-120			
Matrix Spike Dup (2511216-MSD1)		**Source: 25K0453-04**		Prepared & Analyzed: 11/24/2025						
Cyanide	1.9	0.10	mg/L	2.000	ND	97	80-120	5	15	
Batch 2511258 - SM2320B										
Blank (2511258-BLK1)				Prepared & Analyzed: 11/26/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2511258-BS1)				Prepared & Analyzed: 11/26/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		95	90-110			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511258 - SM2320B										
LCS Dup (2511258-BSD1)				Prepared & Analyzed: 11/26/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110	2	10	
Matrix Spike (2511258-MS1)		**Source: 25K0453-04**		Prepared & Analyzed: 11/26/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	20	94	70-130			
Matrix Spike Dup (2511258-MSD1)		**Source: 25K0453-04**		Prepared & Analyzed: 11/26/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	20	95	70-130	0.8	10	
Batch 2512008 - SM 4500-NH3 B, F										
Blank (2512008-BLK1)				Prepared: 12/01/2025 Analyzed: 12/02/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2512008-BS1)				Prepared: 12/01/2025 Analyzed: 12/02/2025						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		100	90-110			
LCS Dup (2512008-BSD1)				Prepared: 12/01/2025 Analyzed: 12/02/2025						
Nitrogen, Ammonia (As N)	2.3	0.50	mg/L	2.500		90	90-110	10	10	
Matrix Spike (2512008-MS1)		**Source: 25K0539-04**		Prepared: 12/01/2025 Analyzed: 12/02/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2512008-MSD1)		**Source: 25K0539-04**		Prepared: 12/01/2025 Analyzed: 12/02/2025						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2
Batch 2512011 - SM4500-H+ B										
Duplicate (2512011-DUP1)		**Source: 25K0453-02**		Prepared & Analyzed: 12/01/2025						
pH (pH Units)	7.8		-		7.8			0.1	200	H5
Temperature (°C)	23		-		23			0.4	200	H5
Duplicate (2512011-DUP2)		**Source: 25K0749-01**		Prepared & Analyzed: 12/01/2025						
pH (pH Units)	7.0		-		7.4			6	200	H5
Temperature (°C)	22		-		22			0	200	H5
Batch 2512039 - EPA 351.2										
Blank (2512039-BLK1)				Prepared & Analyzed: 12/04/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2512039-BS1)				Prepared & Analyzed: 12/04/2025						
Nitrogen, Total Kjeldahl	4.7	0.50	mg/L	5.000		94	80-120			
LCS Dup (2512039-BSD1)				Prepared & Analyzed: 12/04/2025						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000		97	80-120	4	20	
Matrix Spike (2512039-MS1)		**Source: 25K0587-01**		Prepared & Analyzed: 12/04/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	ND	100	80-120			
Matrix Spike (2512039-MS2)		**Source: 25K0588-01**		Prepared & Analyzed: 12/04/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	ND	100	80-120			
Matrix Spike Dup (2512039-MSD1)		**Source: 25K0587-01**		Prepared & Analyzed: 12/04/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	ND	103	80-120	3	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512039 - EPA 351.2										
Matrix Spike Dup (2512039-MSD2)	**Source: 25K0588-01**			Prepared & Analyzed: 12/04/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	103	80-120	3	20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511182 - SW8260B										
Blank (2511182-BLK1)				Prepared & Analyzed: 11/19/2025						
Benzene	0.13	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.060	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*22.5*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*25.3*		*ug/L*	*25.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*23.7*		*ug/L*	*25.00*		*95*	*70-130*			
Blank (2511182-BLK2)				Prepared: 11/19/2025 Analyzed: 11/20/2025						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*18.9*		*ug/L*	*25.00*		*76*	*70-130*			
Surrogate: Dibromofluoromethane	*24.1*		*ug/L*	*25.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*20.3*		*ug/L*	*25.00*		*81*	*70-130*			
LCS (2511182-BS1)				Prepared & Analyzed: 11/19/2025						
1,1-Dichloroethene	31		ug/L	25.00		124	70-130			
Benzene	28		ug/L	25.00		113	70-130			
Chlorobenzene	29		ug/L	25.00		115	70-130			
Toluene	29		ug/L	25.00		115	70-130			
Trichloroethene	28		ug/L	25.00		110	70-130			
Surrogate: 4-Bromofluorobenzene	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			
Surrogate: Dibromofluoromethane	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*24.0*		*ug/L*	*25.00*		*96*	*70-130*			
LCS (2511182-BS2)				Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	31		ug/L	25.00		123	70-130			
Benzene	28		ug/L	25.00		110	70-130			
Chlorobenzene	24		ug/L	25.00		97	70-130			
Toluene	25		ug/L	25.00		99	70-130			
Trichloroethene	25		ug/L	25.00		100	70-130			
Surrogate: 4-Bromofluorobenzene	*20.8*		*ug/L*	*25.00*		*83*	*70-130*			
Surrogate: Dibromofluoromethane	*24.8*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*22.8*		*ug/L*	*25.00*		*91*	*70-130*			
LCS Dup (2511182-BSD1)				Prepared & Analyzed: 11/19/2025						
1,1-Dichloroethene	31		ug/L	25.00		122	70-130	2	30	
Benzene	28		ug/L	25.00		113	70-130	0.1	30	
Chlorobenzene	27		ug/L	25.00		108	70-130	7	30	
Toluene	27		ug/L	25.00		109	70-130	6	30	
Trichloroethene	27		ug/L	25.00		107	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*22.6*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511182 - SW8260B										
LCS Dup (2511182-BSD2)				Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	31		ug/L	25.00		124	70-130	0.8	30	
Benzene	28		ug/L	25.00		111	70-130	0.7	30	
Chlorobenzene	24		ug/L	25.00		97	70-130	0.1	30	
Toluene	25		ug/L	25.00		99	70-130	0.3	30	
Trichloroethene	25		ug/L	25.00		98	70-130	1	30	
Surrogate: 4-Bromofluorobenzene	*20.9*		*ug/L*	*25.00*		*83*	*70-130*			
Surrogate: Dibromofluoromethane	*25.1*		*ug/L*	*25.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			
Matrix Spike (2511182-MS1)		**Source: 25K0411-02**		Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	27		ug/L	25.00	0.010	110	70-130			
Benzene	25		ug/L	25.00	0.010	98	70-130			
Chlorobenzene	25		ug/L	25.00	0.010	100	70-130			
Toluene	25		ug/L	25.00	0.010	101	70-130			
Trichloroethene	24		ug/L	25.00	0.010	98	70-130			
Surrogate: 4-Bromofluorobenzene	*22.4*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*25.6*		*ug/L*	*25.00*		*102*	*70-130*			
Matrix Spike (2511182-MS2)		**Source: 25K0428-01**		Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	27		ug/L	25.00	0.020	109	70-130			
Benzene	25		ug/L	25.00	0.010	100	70-130			
Chlorobenzene	26		ug/L	25.00	0.0	106	70-130			
Toluene	26		ug/L	25.00	0.010	106	70-130			
Trichloroethene	25		ug/L	25.00	0.0	101	70-130			
Surrogate: 4-Bromofluorobenzene	*21.0*		*ug/L*	*25.00*		*84*	*70-130*			
Surrogate: Dibromofluoromethane	*22.5*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Toluene-d8	*24.9*		*ug/L*	*25.00*		*100*	*70-130*			
Matrix Spike (2511182-MS3)		**Source: 25K0453-03**		Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	27		ug/L	25.00	0.010	107	70-130			
Benzene	24		ug/L	25.00	0.0	98	70-130			
Chlorobenzene	26		ug/L	25.00	0.0	105	70-130			
Toluene	26		ug/L	25.00	0.010	105	70-130			
Trichloroethene	25		ug/L	25.00	0.0	99	70-130			
Surrogate: 4-Bromofluorobenzene	*21.4*		*ug/L*	*25.00*		*86*	*70-130*			
Surrogate: Dibromofluoromethane	*21.9*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Toluene-d8	*25.2*		*ug/L*	*25.00*		*101*	*70-130*			
Matrix Spike Dup (2511182-MSD1)		**Source: 25K0411-02**		Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	26		ug/L	25.00	0.010	103	70-130	6	30	
Benzene	24		ug/L	25.00	0.010	96	70-130	3	30	
Chlorobenzene	25		ug/L	25.00	0.010	99	70-130	1	30	
Toluene	25		ug/L	25.00	0.010	99	70-130	2	30	
Trichloroethene	23		ug/L	25.00	0.010	93	70-130	5	30	
Surrogate: 4-Bromofluorobenzene	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*22.7*		*ug/L*	*25.00*		*91*	*70-130*			
Surrogate: Toluene-d8	*24.9*		*ug/L*	*25.00*		*100*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511182 - SW8260B										
Matrix Spike Dup (2511182-MSD2)	**Source: 25K0428-01**			Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	26		ug/L	25.00	0.020	102	70-130	7	30	
Benzene	24		ug/L	25.00	0.010	96	70-130	4	30	
Chlorobenzene	25		ug/L	25.00	0.0	100	70-130	5	30	
Toluene	25		ug/L	25.00	0.010	102	70-130	4	30	
Trichloroethene	24		ug/L	25.00	0.0	97	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*20.8*		*ug/L*	*25.00*		*83*	*70-130*			
Surrogate: Dibromofluoromethane	*21.8*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Toluene-d8	*24.6*		*ug/L*	*25.00*		*98*	*70-130*			
Matrix Spike Dup (2511182-MSD3)	**Source: 25K0453-03**			Prepared: 11/19/2025 Analyzed: 11/20/2025						
1,1-Dichloroethene	25		ug/L	25.00	0.010	100	70-130	7	30	
Benzene	23		ug/L	25.00	0.0	92	70-130	6	30	
Chlorobenzene	25		ug/L	25.00	0.0	102	70-130	3	30	
Toluene	26		ug/L	25.00	0.010	102	70-130	3	30	
Trichloroethene	24		ug/L	25.00	0.0	96	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Toluene-d8	*25.7*		*ug/L*	*25.00*		*103*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0453
Date Received: 11/13/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511168 - EPA 300.0 (2.1)										
Blank (2511168-BLK1)				Prepared & Analyzed: 11/14/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2511168-BS1)				Prepared & Analyzed: 11/14/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110			
Fluoride	1.9	0.50	mg/L	2.000		96	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		99	90-110			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		99	90-110			
Sulfate	13	5.0	mg/L	12.50		105	90-110			
LCS Dup (2511168-BSD1)				Prepared & Analyzed: 11/14/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110	0.3	10	
Fluoride	2.0	0.50	mg/L	2.000		99	90-110	3	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000		99	90-110	0.5	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		99	90-110	0.2	10	
Sulfate	13	5.0	mg/L	12.50		105	90-110	0.05	10	
Matrix Spike (2511168-MS1)	**Source: 25K0453-03**			Prepared: 11/18/2025 Analyzed: 11/28/2025						
Chloride	24	1.0	mg/L	12.50	12	98	80-120			
Fluoride	3.2	0.50	mg/L	2.000	1.1	105	80-120			
Nitrogen, Nitrate (As N)	5.2	0.50	mg/L	5.000	0.55	93	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	98	80-120			
Sulfate	27	5.0	mg/L	12.50	17	80	80-120			M2
Matrix Spike (2511168-MS2)	**Source: 25K0453-04**			Prepared: 11/18/2025 Analyzed: 11/28/2025						
Chloride	12	1.0	mg/L	12.50	0.96	89	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	100	80-120			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	98	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	13	5.0	mg/L	12.50	3.2	80	80-120			
Matrix Spike Dup (2511168-MSD1)	**Source: 25K0453-03**			Prepared: 11/18/2025 Analyzed: 11/28/2025						
Chloride	24	1.0	mg/L	12.50	12	99	80-120	0.4	10	
Fluoride	3.2	0.50	mg/L	2.000	1.1	106	80-120	0.3	10	
Nitrogen, Nitrate (As N)	5.3	0.50	mg/L	5.000	0.55	94	80-120	0.8	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	99	80-120	0.2	10	
Sulfate	27	5.0	mg/L	12.50	17	80	80-120	0.2	10	
Matrix Spike Dup (2511168-MSD2)	**Source: 25K0453-04**			Prepared: 11/18/2025 Analyzed: 11/29/2025						
Chloride	12	1.0	mg/L	12.50	0.96	90	80-120	1	10	
Fluoride	2.0	0.50	mg/L	2.000	ND	99	80-120	0.4	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	99	80-120	1	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120	0.3	10	
Sulfate	13	5.0	mg/L	12.50	3.2	81	80-120	1	10	

TURNER LABORATORIES INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 25K0453 DATE _____ PAGE _____ OF _____

PROJECT NAME GROUND WATER # _____
CONTACT NAME _____
COMPANY NAME COPPER WORLD
ADDRESS _____
ZIP _____ PHONE _____ EMAIL _____
SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS
POC-05	11/13/25	1501		GW	9
POC-06	11/13/25	1330		GW	9
POC-09	11/13/25	1126		GW	9
Field Blank	11/13/25	1542		GW	9
TRIP BLANK					

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics ☐ 624 ☐ 5242 ☐ 8260 ☐ HAAS ☐ THMS ☐ Chloride ☐ Sulfate ☐ Resistivity ☐ NO3 ☐ NO2 ☐ TKN ☐ TPH ☐ 1664 ☐ Oil & Grease ☐ VOA ☐ TCLP Analysis ☐ Semi-VOA ☐ Pest ☐ TCLP ☐ Dissolved ☐ Metals ☐ Total ☐ RCRA8 ☐ Total ☐ Cyanide ☐ Amen ☐ WAD ☐ SDWA-INORGANICS PRIMARY ☐ SECONDARY ☐ Coliform ☐ P/A ☐ MPN ☐ pH ☐ Fecal ☐ Cl2 ☐ Turb ☐ TSS ☐ BOD ☐ COD ☐

1. RELINQUISHED BY:
A. Colmenero
Signature
Alejandro Colmenero
Printed Name
PITEAU
Firm
11/13/25 16:59
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
___ Standard (approx. 10 days)*
___ Next Day ___ 2 Day ___ 5 Day*
___ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
___ I. Routine Report
___ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
___ III. Data Validation Report (includes All Raw Data) Add 10% to Invoice

INVOICE INFORMATION:
Account ___ Y ___ N
P.O. #
Bill to:

SAMPLE RECEIPT:
Total Containers _____
Temperature 3.9
☒ Wet Ice
☐ Ambient
☐ Blue Ice
IR # 48

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Kathy Rahel
Printed Name
TURNER LABORATORIES, INC.
Firm
11/13/25 1659
Date/Time

* LEGEND SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☑
COC / Labels Agree ☑

Preservation Confirmation ☑
Appropriate Head Space ☑
Received Within Hold Time ☑

SPECIAL INSTRUCTIONS/COMMENTS:
acolmenero@piteau.com
** Times added via bottles - KM 11/14

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST.• CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 13, 2025
Sample Received: November 17, 2025
Analysis Completed: December 03, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25K0453-01	25.9 ± 1.2	22.1 ± 1.6	3.8 ± 2.0	10.1 ± 2.6	< 0.4	< 0.9	< 0.9

Analysis Date/Time	11/26/2025	12/1/2025	12/1/2025	11/26/2025	12/1/2025	12/1/2025	12/1/2025
	16:53	9:02	9:02	12:26	7:35	7:35	7:35

December 3, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 13, 2025
Sample Received: November 17, 2025
Uranium Analysis Date: December 01, 2025
Uranium Analysis Time: 9:02

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25K0453-01	9.5 ± 0.7	0.444 ± 0.005	12.2 ± 0.9	22.1 ± 1.6	Activity (pCi/L)
	28.4 ± 2.2	0.207 ± 0.002	0.00196 ± 0.00014	28.6 ± 2.2	Content (µg/L)
	Comments:				

December 3, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 13, 2025 (Sample Date) 15:01 (Sample Time) (24 hour clock)

Owner/Contact Person: _____

Owner/Contact Fax Number: _____

Owner/Contact Phone Number: _____

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	12/1/2025	3.8 ± 2.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/26/2025	25.9 ± 1.2		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/1/2025	28.6 ± 2.2	µg/L	
			Uranium 234	4007	12/1/2025	0.00196 ± 0.00014		
			Uranium 235	4008	12/1/2025	0.207 ± 0.002		
			Uranium 238	4009	12/1/2025	28.4 ± 2.2		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	12/1/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	12/1/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	12/1/2025	< 0.9		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78725

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0453-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 13, 2025 (Sample Date) 15:01 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	11/26/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78725

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0453-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 13, 2025
Sample Received: November 17, 2025
Analysis Completed: December 03, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25K0453-02	14.4 ± 0.9	11.3 ± 1.1	3.1 ± 1.4	8.9 ± 1.4	< 0.4	< 0.9	< 0.9

Analysis Date/Time	11/27/2025	11/28/2025	11/28/2025	11/28/2025	12/1/2025	12/1/2025	12/1/2025
	11:15	13:39	13:39	09:35	11:36	11:36	11:36

December 3, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 13, 2025
Sample Received: November 17, 2025
Uranium Analysis Date: November 28, 2025
Uranium Analysis Time: 13:39

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25K0453-02	3.8 ± 0.5	0.178 ± 0.003	7.3 ± 0.7	11.3 ± 1.1	Activity (pCi/L)
	11.4 ± 1.4	0.083 ± 0.002	0.00117 ± 0.00011	11.4 ± 1.4	Content (µg/L)
	Comments:				

December 3, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 13, 2025 (Sample Date) 13:30 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	11/28/2025	3.1 ± 1.4		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/27/2025	14.4 ± 0.9		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	11/28/2025	11.4 ± 1.4	µg/L	
			Uranium 234	4007	11/28/2025	0.00117 ± 0.00011		
			Uranium 235	4008	11/28/2025	0.083 ± 0.002		
			Uranium 238	4009	11/28/2025	11.4 ± 1.4		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	12/1/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	12/1/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	12/1/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

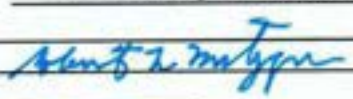
Specimen Number: RSE78726

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0453-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 13, 2025 (Sample Date) 13:30 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	11/28/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78726

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0453-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 13, 2025
Sample Received: November 17, 2025
Analysis Completed: December 03, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25K0453-03	5.5 ± 0.5	4.2 ± 0.7	1.3 ± 0.9	< 5.0	< 0.4	< 0.9	< 0.9

Analysis Date/Time	11/27/2025	12/1/2025	12/1/2025	11/28/2025	12/1/2025	12/1/2025	12/1/2025
	12:58	9:17	9:17	12:55	15:37	15:37	15:37

December 3, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 13, 2025
Sample Received: November 17, 2025
Uranium Analysis Date: December 01, 2025
Uranium Analysis Time: 9:17

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25K0453-03	1.5 ± 0.3	0.069 ± 0.002	2.6 ± 0.4	4.2 ± 0.7	Activity (pCi/L)
	4.4 ± 0.9	0.032 ± 0.001	0.00042 ± 0.00006	4.4 ± 0.9	Content (µg/L)
	Comments:				

December 3, 2025
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 13, 2025 (Sample Date) 11:20 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	12/1/2025	1.3 ± 0.9		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/27/2025	5.5 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/1/2025	4.4 ± 0.9	µg/L	
			Uranium 234	4007	12/1/2025	0.00042 ± 0.00006		
			Uranium 235	4008	12/1/2025	0.032 ± 0.001		
			Uranium 238	4009	12/1/2025	4.4 ± 0.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	12/1/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	12/1/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	12/1/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78727

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0453-03

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 13, 2025 (Sample Date) 11:20 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	11/28/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78727

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0453-03

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 13, 2025
Sample Received: November 17, 2025
Analysis Completed: December 03, 2025

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25K0453-04	< 0.5	< 0.4	< 0.5	< 2.5	< 0.6	< 0.9	< 0.9

Analysis Date/Time	11/26/2025	11/28/2025	11/28/2025	11/28/2025	12/1/2025	12/1/2025	12/1/2025
	18:33	14:48	14:48	16:16	19:38	19:38	19:38

December 3, 2025

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: November 13, 2025
Sample Received: November 17, 2025
Uranium Analysis Date: November 28, 2025
Uranium Analysis Time: 14:48

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25K0453-04	< 0.3	< 0.002	< 0.3	< 0.4	Activity (pCi/L)
	< 0.8	< 0.001	< 0.00005	< 0.8	Content (µg/L)
	Comments:				

December 3, 2025

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 13, 2025 (Sample Date) 15:40 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	11/28/2025	< 0.5		
EPA 00-02		3 pCi/L	Gross Alpha	4002	11/26/2025	< 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	11/28/2025	< 0.8	µg/L	
			Uranium 234	4007	11/28/2025	< 0.00005		
			Uranium 235	4008	11/28/2025	< 0.001		
			Uranium 238	4009	11/28/2025	< 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	12/1/2025	< 0.9		
GammaRay HPGE		1 pCi/L	Radium 226	4020	12/1/2025	< 0.6		
GammaRay HPGE		1 pCi/L	Radium 228	4030	12/1/2025	< 0.9		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78728

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0453-04

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

November 13, 2025 (Sample Date) 15:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	11/28/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78728

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25K0453-04

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25K0453

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25K0453-01 Non-Potable Wa Sampled:11/13/2025 15:01			
Radiochemistry, Uranium	05/12/2026 15:01		
Radiochemistry, Radium 226/228	12/13/2025 15:01		
Radiochemistry, Gross Alpha Beta	05/12/2026 15:01		78725
Containers Supplied:			
Sample ID: 25K0453-02 Non-Potable Wa Sampled:11/13/2025 13:30			
Radiochemistry, Uranium	05/12/2026 13:30		
Radiochemistry, Radium 226/228	12/13/2025 13:30		
Radiochemistry, Gross Alpha Beta	05/12/2026 13:30		78726
Containers Supplied:			
Sample ID: 25K0453-03 Non-Potable Wa Sampled:11/13/2025 11:20			
Radiochemistry, Uranium	05/12/2026 11:20		
Radiochemistry, Radium 226/228	12/13/2025 11:20		
Radiochemistry, Gross Alpha Beta	05/12/2026 11:20		78727
Containers Supplied:			
Sample ID: 25K0453-04 Non-Potable Wa Sampled:11/13/2025 15:40			
Radiochemistry, Uranium	05/12/2026 15:40		
Radiochemistry, Radium 226/228	12/13/2025 15:40		
Radiochemistry, Gross Alpha Beta	05/12/2026 15:40		78728
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	11/14/25 1600	UPS	11/14/25 1600
Released By	Date	Received By	Date
		PLOT/RSE	11-17-25 11:00

December 12, 2025

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25K0624

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 4 sample(s) on 11/20/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0624
Date Received: 11/20/2025

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25K0624-01	POC-01	Ground Water	11/20/2025 1456
25K0624-02	POC-02	Ground Water	11/20/2025 1401
25K0624-03	POC-03	Ground Water	11/20/2025 1308
25K0624-04	POC-04	Ground Water	11/20/2025 1155

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0624
Date Received: 11/20/2025

Case Narrative

E8 Analyte reported to MDL per project specification. Target analyte was not detected in the sample.

H2 Initial analysis was performed within holding time. Reanalysis for the required dilution was past holding time.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND Not Detected at or above the PQL

PQL Practical Quantitation Limit

DF Dilution Factor

Turner Laboratories, Inc.

Date: 12/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0624
Lab Sample ID: 25K0624-01

Client Sample ID: POC-01
Collection Date/Time: 11/20/2025 1456
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Nitrogen, Nitrate (As N)	25		2.5	H2	mg/L	5	11/21/2025 1111	12/06/2025 0503	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	11/21/2025 1111	11/21/2025 1946	SS

Turner Laboratories, Inc.

Date: 12/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0624
Lab Sample ID: 25K0624-02

Client Sample ID: POC-02
Collection Date/Time: 11/20/2025 1401
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Nitrogen, Nitrate (As N)	2.9		0.50		mg/L	1	11/21/2025 1111	11/21/2025 2010	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	11/21/2025 1111	11/21/2025 2010	SS

Turner Laboratories, Inc.

Date: 12/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0624
Lab Sample ID: 25K0624-03

Client Sample ID: POC-03
Collection Date/Time: 11/20/2025 1308
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Nitrogen, Nitrate (As N)	0.61		0.50		mg/L	1	11/21/2025 1111	11/21/2025 2034	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	11/21/2025 1111	11/21/2025 2034	SS

Turner Laboratories, Inc.

Date: 12/12/2025

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0624
Lab Sample ID: 25K0624-04

Client Sample ID: POC-04
Collection Date/Time: 11/20/2025 1155
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Nitrogen, Nitrate (As N)	ND		0.50		mg/L	1	11/21/2025 1111	11/21/2025 2058	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	11/21/2025 1111	11/21/2025 2058	SS

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25K0624
Date Received: 11/20/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2511213 - EPA 300.0 (2.1)										
Blank (2511213-BLK1)				Prepared & Analyzed: 11/21/2025						
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
LCS (2511213-BS1)				Prepared & Analyzed: 11/21/2025						
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110			
LCS Dup (2511213-BSD1)				Prepared & Analyzed: 11/21/2025						
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110	0.07	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		98	90-110	0.8	10	
Matrix Spike (2511213-MS1)	**Source: 25K0627-02**			Prepared & Analyzed: 11/21/2025						
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	97	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	96	80-120			
Matrix Spike (2511213-MS2)	**Source: 25K0632-01**			Prepared: 11/23/2025 Analyzed: 12/05/2025						
Nitrogen, Nitrate (As N)	28	2.5	mg/L	25.00	3.4	99	80-120			
Nitrogen, Nitrite (As N)	12	0.50	mg/L	12.50	ND	98	80-120			
Matrix Spike Dup (2511213-MSD1)	**Source: 25K0627-02**			Prepared & Analyzed: 11/21/2025						
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	97	80-120	0.2	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	96	80-120	0.03	10	
Matrix Spike Dup (2511213-MSD2)	**Source: 25K0632-01**			Prepared: 11/23/2025 Analyzed: 12/05/2025						
Nitrogen, Nitrate (As N)	28	2.5	mg/L	25.00	3.4	100	80-120	0.8	10	
Nitrogen, Nitrite (As N)	12	0.50	mg/L	12.50	ND	99	80-120	1	10	

TURNER LABORATORIES INC
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # [illegible] DATE [illegible] PAGE ____ OF ____

PROJECT NAME _____ # _____

CONTACT NAME TJ RAICA

COMPANY NAME COPPER WORLD INC

ADDRESS S 285 E WILLIAMS CIRCLE, SUITE 2010

CITY TUCSON STATE AZ ZIP CODE _____

PHONE _____ FAX _____

SAMPLER'S SIGNATURE _____

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS
POC-01	11/20/23	14:56		GW	1
POC-02	11/20/23	14:01		GW	1
POC-03	11/20/23	13:08		GW	1
POC-04	11/20/23	11:55		GW	1

1. RELINQUISHED BY:
Signature A Colmenero
Printed Name Alejandro Colmenero
Firm PITEAU
Date/Time 11/20/2023 16:40

2. RECEIVED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

TURNAROUND REQUIREMENTS:
_____ Standard (approx. 10 days)*
_____ Next day _____ 2 Day _____ 5 Day*
_____ Email Preliminary Results To:
_____
* Working Days

REPORT REQUIREMENTS:
_____ I. Routine Report
_____ II. Report (includes DUP,MS,MSD, as required, may be charged as samples)
_____ III. Date Validation Report (Includes All Raw Data)
Add 10% to invoice

INVOICE INFORMATION:
Account _____ Y _____ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers 4
Temperature 3.9
☐ Wet Ice ☐ Blue Ice

3. RELINQUISHED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

4. RECEIVED BY:
Signature [illegible]
Printed Name _____
Firm TURNER LABORATORIES, INC.
Date/Time 11/20/23 16:40

*LEGEND
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

SPECIAL INSTRUCTIONS/COMMENTS:

Compliance Analysis: ☐ Yes ☐ No		Custody Seals ☐	Preservation Confirmation ☐
CMDP Deliverable: ☐ Yes ☐ No		Container Intact ☑	Appropriate Head Space ☐
Submit to CMDP: ☐ Yes ☐ No		COC/Labels Agree ☐	Received Within Hold Time ☑

acolmenero@piteau.com

January 13, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25L0451

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 2 sample(s) on 12/15/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0451
Date Received: 12/15/2025

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25L0451-01	POC - 10	Ground Water	12/15/2025 1122
25L0451-02	POC - 09	Ground Water	12/15/2025 1355

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0451
Date Received: 12/15/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0451
Lab Sample ID: 25L0451-01

Client Sample ID: POC - 10
Collection Date/Time: 12/15/2025 1122
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.9	0.58	1.1		mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.6	0.28	0.60		mg/L	1	12/15/2025 1700	12/15/2025 1736	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	12/23/2025 1050	01/04/2026 1415	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	92	0.13	4.0		mg/L	1	12/20/2025 1115	01/09/2026 1520	RAR
Magnesium	16	0.10	3.0		mg/L	1	12/20/2025 1115	01/09/2026 1520	RAR
Potassium	2.0	0.14	5.0	E4	mg/L	1	12/20/2025 1115	01/09/2026 1520	RAR
Sodium	6.7	0.58	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1520	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Antimony	0.00019	0.000039	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Arsenic	0.0024	0.00010	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Barium	0.020	0.000029	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Beryllium	0.000028	0.000013	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Chromium	0.0014	0.000023	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Cobalt	0.00016	0.000010	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Copper	0.00044	0.00015	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Manganese	0.00037	0.000038	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Molybdenum	0.060	0.000025	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Nickel	0.0020	0.000015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Selenium	0.0098	0.00025	0.0025		mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Uranium	0.0033	0.000015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
Zinc	0.0053	0.0023	0.040	E4	mg/L	1	12/18/2025 1741	01/09/2026 1727	RAR
CVAA Dissolved Mercury-EPA 245.1									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0451
Lab Sample ID: 25L0451-01

Client Sample ID: POC - 10
Collection Date/Time: 12/15/2025 1122
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Mercury	ND	0.00015	0.0010	E8	mg/L	1	01/05/2026 0914	01/05/2026 1520	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11	0.75	1.0		mg/L	1	12/15/2025 1700	12/15/2025 1736	SS
Fluoride	0.87	0.18	0.50		mg/L	1	12/15/2025 1700	12/15/2025 1736	SS
Nitrogen, Nitrate (As N)	1.6	0.27	0.50		mg/L	1	12/15/2025 1700	12/15/2025 1736	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	12/15/2025 1700	12/15/2025 1736	SS
Sulfate	67	2.8	5.0		mg/L	1	12/15/2025 1700	12/15/2025 1736	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.30	0.30	0.50	E4	mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/06/2026 1058	01/06/2026 1619	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	250	2.0	2.0		mg/L	1	12/24/2025 0822	12/24/2025 1307	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	12/24/2025 0822	12/24/2025 1307	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	12/24/2025 0822	12/24/2025 1307	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	12/24/2025 0822	12/24/2025 1307	RAR
Alkalinity, Total (As CaCO3)	250	2.0	2.0		mg/L	1	12/24/2025 0822	12/24/2025 1307	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	410	20	20		mg/L	1	12/22/2025 0847	12/23/2025 0950	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	12/23/2025 1000	12/23/2025 1616	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.4			H5	-	1	12/26/2025 1537	12/26/2025 1555	IM
Temperature (°C)	21			H5	-	1	12/26/2025 1537	12/26/2025 1555	IM
Volatile Organic Compounds by GC/MS-SW8260B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0451
Lab Sample ID: 25L0451-01

Client Sample ID: POC - 10
Collection Date/Time: 12/15/2025 1122
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Benzene	0.35	0.063	0.50	E4	ug/L	1	12/19/2025 0800	12/19/2025 1552	ES
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	12/19/2025 0800	12/19/2025 1552	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/19/2025 0800	12/19/2025 1552	ES
Toluene	0.14	0.057	0.50	E4	ug/L	1	12/19/2025 0800	12/19/2025 1552	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/19/2025 0800	12/19/2025 1552	ES
Surr: 4-Bromofluorobenzene	*105*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/19/2025 1552*	*ES*
Surr: Dibromofluoromethane	*96*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/19/2025 1552*	*ES*
Surr: Toluene-d8	*109*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/19/2025 1552*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0451
Lab Sample ID: 25L0451-02

Client Sample ID: POC - 09
Collection Date/Time: 12/15/2025 1355
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.53	0.28	0.60	J	mg/L	1	12/15/2025 1700	12/15/2025 1755	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	12/23/2025 1050	01/04/2026 1418	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	59	0.13	4.0		mg/L	1	12/20/2025 1115	01/09/2026 1523	RAR
Magnesium	14	0.10	3.0		mg/L	1	12/20/2025 1115	01/09/2026 1523	RAR
Potassium	2.3	0.14	5.0	E4	mg/L	1	12/20/2025 1115	01/09/2026 1523	RAR
Sodium	13	0.58	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1523	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Antimony	0.00017	0.000039	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Arsenic	0.0040	0.00010	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Barium	0.027	0.000029	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Beryllium	0.000018	0.000013	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Chromium	0.00077	0.000023	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Cobalt	0.00011	0.000010	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Copper	0.00076	0.00015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Manganese	0.00070	0.000038	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Molybdenum	0.033	0.000025	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Nickel	0.0014	0.000015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Selenium	0.0020	0.00025	0.0025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Uranium	0.0045	0.000015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
Zinc	0.0027	0.0023	0.040	E4	mg/L	1	12/18/2025 1741	01/09/2026 1730	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	01/05/2026 0914	01/05/2026 1523	ICP

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0451
Lab Sample ID: 25L0451-02

Client Sample ID: POC - 09
Collection Date/Time: 12/15/2025 1355
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	12	0.75	1.0		mg/L	1	12/15/2025 1700	12/15/2025 1755	SS
Fluoride	1.2	0.18	0.50		mg/L	1	12/15/2025 1700	12/15/2025 1755	SS
Nitrogen, Nitrate (As N)	0.53	0.27	0.50		mg/L	1	12/15/2025 1700	12/15/2025 1755	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	12/15/2025 1700	12/15/2025 1755	SS
Sulfate	18	2.8	5.0		mg/L	1	12/15/2025 1700	12/15/2025 1755	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.30	0.30	0.50	E4	mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/02/2026 0831	01/02/2026 1428	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	250	2.0	2.0		mg/L	1	12/24/2025 0822	12/24/2025 1307	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	12/24/2025 0822	12/24/2025 1307	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	12/24/2025 0822	12/24/2025 1307	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	12/24/2025 0822	12/24/2025 1307	RAR
Alkalinity, Total (As CaCO3)	250	2.0	2.0		mg/L	1	12/24/2025 0822	12/24/2025 1307	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	300	20	20		mg/L	1	12/22/2025 0847	12/23/2025 0950	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	12/23/2025 1000	12/23/2025 1616	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.5			H5	-	1	12/26/2025 1537	12/26/2025 1558	IM
Temperature (°C)	22			H5	-	1	12/26/2025 1537	12/26/2025 1558	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	0.32	0.063	0.50	E4	ug/L	1	12/19/2025 0800	12/19/2025 1630	ES

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0451
Lab Sample ID: 25L0451-02

Client Sample ID: POC - 09
Collection Date/Time: 12/15/2025 1355
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	12/19/2025 0800	12/19/2025 1630	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/19/2025 0800	12/19/2025 1630	ES
Toluene	0.11	0.057	0.50	E4	ug/L	1	12/19/2025 0800	12/19/2025 1630	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/19/2025 0800	12/19/2025 1630	ES
Surr: 4-Bromofluorobenzene	*104*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/19/2025 1630*	*ES*
Surr: Dibromofluoromethane	*94*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/19/2025 1630*	*ES*
Surr: Toluene-d8	*106*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/19/2025 1630*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0451
Date Received: 12/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512250 - E200.7 (4.4)										
Blank (2512250-BLK1)				Prepared: 12/23/2025 Analyzed: 12/30/2025						
Iron	ND	0.30	mg/L							
LCS (2512250-BS1)				Prepared: 12/23/2025 Analyzed: 12/30/2025						
Iron	1.0	0.30	mg/L	1.000		101	85-115			
LCS Dup (2512250-BSD1)				Prepared: 12/23/2025 Analyzed: 12/30/2025						
Iron	1.0	0.30	mg/L	1.000		101	85-115	0.8	20	
Matrix Spike (2512250-MS1)		**Source: 25L0228-01**		Prepared: 12/23/2025 Analyzed: 12/30/2025						
Iron	1.3	0.30	mg/L	1.000	0.37	93	70-130			
Matrix Spike (2512250-MS2)		**Source: 25L0229-01**		Prepared: 12/23/2025 Analyzed: 01/04/2026						
Iron	1.3	0.30	mg/L	1.000	0.41	92	70-130			
Batch 2601010 - EPA 200.8 (5.4)										
Blank (2601010-BLK1)				Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	0.000016	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0451
Date Received: 12/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601010 - EPA 200.8 (5.4)										
LCS (2601010-BS1)				Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	0.099	0.040	mg/L	0.1000		99	85-115			
Antimony	0.051	0.00050	mg/L	0.05000		101	85-115			
Arsenic	0.049	0.00050	mg/L	0.05000		98	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.049	0.00025	mg/L	0.05000		98	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115			
Cobalt	0.049	0.00025	mg/L	0.05000		99	85-115			
Copper	0.050	0.00050	mg/L	0.05000		99	85-115			
Lead	0.046	0.00050	mg/L	0.05000		91	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		99	85-115			
Molybdenum	0.050	0.00025	mg/L	0.05000		100	85-115			
Nickel	0.049	0.00050	mg/L	0.05000		99	85-115			
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115			
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115			
Zinc	0.10	0.040	mg/L	0.1000		103	85-115			
LCS Dup (2601010-BSD1)				Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	0.10	0.040	mg/L	0.1000		101	85-115	2	20	
Antimony	0.052	0.00050	mg/L	0.05000		104	85-115	3	20	
Arsenic	0.051	0.00050	mg/L	0.05000		101	85-115	3	20	
Barium	0.054	0.00050	mg/L	0.05000		107	85-115	3	20	
Beryllium	0.049	0.00025	mg/L	0.05000		97	85-115	1	20	
Cadmium	0.051	0.00025	mg/L	0.05000		103	85-115	3	20	
Chromium	0.051	0.00050	mg/L	0.05000		102	85-115	2	20	
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115	2	20	
Copper	0.051	0.00050	mg/L	0.05000		102	85-115	3	20	
Lead	0.047	0.00050	mg/L	0.05000		93	85-115	3	20	
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115	2	20	
Molybdenum	0.051	0.00025	mg/L	0.05000		103	85-115	3	20	
Nickel	0.051	0.00050	mg/L	0.05000		102	85-115	3	20	
Selenium	0.051	0.0025	mg/L	0.05000		102	85-115	2	20	
Thallium	0.051	0.00050	mg/L	0.05000		101	85-115	3	20	
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115	3	20	
Zinc	0.10	0.040	mg/L	0.1000		103	85-115	0.7	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0451
Date Received: 12/15/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601010 - EPA 200.8 (5.4)										
Matrix Spike (2601010-MS1)		**Source: 25L0400-03**		Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	0.11	0.040	mg/L	0.1000	ND	111	70-130			
Antimony	0.068	0.00050	mg/L	0.05000	0.00012	135	70-130			M1
Arsenic	0.069	0.00050	mg/L	0.05000	0.0011	136	70-130			M1
Barium	0.081	0.00050	mg/L	0.05000	0.011	139	70-130			M1
Beryllium	0.059	0.00025	mg/L	0.05000	0.000042	118	70-130			
Cadmium	0.061	0.00025	mg/L	0.05000	ND	122	70-130			
Chromium	0.062	0.00050	mg/L	0.05000	0.00064	124	70-130			
Cobalt	0.060	0.00025	mg/L	0.05000	0.00019	119	70-130			
Copper	0.060	0.00050	mg/L	0.05000	0.0046	110	70-130			
Lead	0.060	0.00050	mg/L	0.05000	ND	121	70-130			
Manganese	0.062	0.00025	mg/L	0.05000	0.00054	123	70-130			
Molybdenum	0.085	0.00025	mg/L	0.05000	0.018	134	70-130			M1
Nickel	0.059	0.00050	mg/L	0.05000	0.0018	114	70-130			
Selenium	0.075	0.0025	mg/L	0.05000	0.0062	137	70-130			M1
Thallium	0.065	0.00050	mg/L	0.05000	0.000035	129	70-130			
Uranium	0.41	0.00050	mg/L	0.05000	0.34	145	70-130			M1
Zinc	0.11	0.040	mg/L	0.1000	ND	110	70-130			
Matrix Spike (2601010-MS2)		**Source: 25L0400-04**		Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	0.10	0.040	mg/L	0.1000	ND	102	70-130			
Antimony	0.057	0.00050	mg/L	0.05000	ND	115	70-130			
Arsenic	0.058	0.00050	mg/L	0.05000	0.00031	115	70-130			
Barium	0.095	0.00050	mg/L	0.05000	0.038	114	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.000013	104	70-130			
Cadmium	0.054	0.00025	mg/L	0.05000	ND	107	70-130			
Chromium	0.053	0.00050	mg/L	0.05000	0.00044	106	70-130			
Cobalt	0.050	0.00025	mg/L	0.05000	0.00011	101	70-130			
Copper	0.049	0.00050	mg/L	0.05000	0.0012	95	70-130			
Lead	0.050	0.00050	mg/L	0.05000	ND	100	70-130			
Manganese	0.053	0.00025	mg/L	0.05000	0.00035	105	70-130			
Molybdenum	0.057	0.00025	mg/L	0.05000	0.0018	111	70-130			
Nickel	0.050	0.00050	mg/L	0.05000	0.0011	97	70-130			
Selenium	0.062	0.0025	mg/L	0.05000	0.0019	121	70-130			
Thallium	0.055	0.00050	mg/L	0.05000	ND	109	70-130			
Uranium	0.10	0.00050	mg/L	0.05000	0.043	120	70-130			
Zinc	0.11	0.040	mg/L	0.1000	ND	107	70-130			
Batch 2601013 - EPA 200.7 (4.4)										
Blank (2601013-BLK1)				Prepared: 12/31/2025 Analyzed: 01/09/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.94	5.0	mg/L							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601013 - EPA 200.7 (4.4)										
LCS (2601013-BS1)				Prepared: 12/31/2025 Analyzed: 01/09/2026						
Calcium	10	4.0	mg/L	10.00		102	85-115			
Magnesium	9.9	3.0	mg/L	10.00		99	85-115			
Potassium	9.7	5.0	mg/L	10.00		97	85-115			
Sodium	10	5.0	mg/L	10.00		102	85-115			
LCS Dup (2601013-BSD1)				Prepared: 12/31/2025 Analyzed: 01/09/2026						
Calcium	10	4.0	mg/L	10.00		101	85-115	0.9	20	
Magnesium	9.8	3.0	mg/L	10.00		98	85-115	0.6	20	
Potassium	9.6	5.0	mg/L	10.00		96	85-115	0.8	20	
Sodium	10	5.0	mg/L	10.00		101	85-115	0.8	20	
Matrix Spike (2601013-MS1)		**Source: 25L0398-06**		Prepared: 12/31/2025 Analyzed: 01/09/2026						
Calcium	280	4.0	mg/L	10.00	270	143	70-130			M1
Magnesium	170	3.0	mg/L	10.00	150	144	70-130			M1
Potassium	20	5.0	mg/L	10.00	9.1	104	70-130			
Sodium	100	5.0	mg/L	10.00	97	55	70-130			M2
Matrix Spike (2601013-MS2)		**Source: 25L0398-07**		Prepared: 12/31/2025 Analyzed: 01/09/2026						
Calcium	10	4.0	mg/L	10.00	ND	105	70-130			
Magnesium	10	3.0	mg/L	10.00	ND	104	70-130			
Potassium	9.9	5.0	mg/L	10.00	ND	99	70-130			
Sodium	10	5.0	mg/L	10.00	0.86	93	70-130			
Batch 2601015 - EPA 245.1										
Blank (2601015-BLK1)				Prepared & Analyzed: 01/05/2026						
Mercury	ND	0.0010	mg/L							
LCS (2601015-BS1)				Prepared & Analyzed: 01/05/2026						
Mercury	0.0051	0.0010	mg/L	0.005000		102	85-115			
LCS Dup (2601015-BSD1)				Prepared & Analyzed: 01/05/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		101	85-115	2	20	
Matrix Spike (2601015-MS1)		**Source: 25L0397-01**		Prepared & Analyzed: 01/05/2026						
Mercury	0.0050	0.0010	mg/L	0.005000	ND	100	70-130			
Matrix Spike (2601015-MS2)		**Source: 25L0397-02**		Prepared & Analyzed: 01/05/2026						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	98	70-130			
Matrix Spike Dup (2601015-MSD1)		**Source: 25L0397-01**		Prepared & Analyzed: 01/05/2026						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	98	70-130	1	20	
Matrix Spike Dup (2601015-MSD2)		**Source: 25L0397-02**		Prepared & Analyzed: 01/05/2026						
Mercury	0.0048	0.0010	mg/L	0.005000	ND	97	70-130	2	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512199 - SM2540 C										
Duplicate (2512199-DUP1)		**Source: 25L0451-01**		Prepared: 12/22/2025 Analyzed: 12/23/2025						
Total Dissolved Solids (Residue, Filterable)	410	20	mg/L		410			0.5	5	
Duplicate (2512199-DUP2)		**Source: 25L0451-02**		Prepared: 12/22/2025 Analyzed: 12/23/2025						
Total Dissolved Solids (Residue, Filterable)	300	20	mg/L		300			0.3	5	
Batch 2512211 - SM4500-CN BE										
Blank (2512211-BLK1)				Prepared & Analyzed: 12/23/2025						
Cyanide	ND	0.10	mg/L							
LCS (2512211-BS1)				Prepared & Analyzed: 12/23/2025						
Cyanide	2.0	0.10	mg/L	2.000		100	85-115			
LCS Dup (2512211-BSD1)				Prepared & Analyzed: 12/23/2025						
Cyanide	1.9	0.10	mg/L	2.000		97	85-115	3	15	
Matrix Spike (2512211-MS1)		**Source: 25L0219-02**		Prepared & Analyzed: 12/23/2025						
Cyanide	1.8	0.10	mg/L	2.000	ND	91	80-120			
Matrix Spike Dup (2512211-MSD1)		**Source: 25L0219-02**		Prepared & Analyzed: 12/23/2025						
Cyanide	1.8	0.10	mg/L	2.000	ND	90	80-120	1	15	
Batch 2512228 - SM2320B										
Blank (2512228-BLK1)				Prepared & Analyzed: 12/24/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2512228-BS1)				Prepared & Analyzed: 12/24/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		98	90-110			
LCS Dup (2512228-BSD1)				Prepared & Analyzed: 12/24/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		101	90-110	2	10	
Matrix Spike (2512228-MS1)		**Source: 25L0404-01**		Prepared & Analyzed: 12/24/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0	ND	97	70-130			
Matrix Spike Dup (2512228-MSD1)		**Source: 25L0404-01**		Prepared & Analyzed: 12/24/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0	ND	98	70-130	0.8	10	
Batch 2512233 - EPA 351.2										
Blank (2512233-BLK1)				Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2512233-BS1)				Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		101	80-120			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512233 - EPA 351.2										
LCS Dup (2512233-BSD1)				Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		100	80-120	1	20	
Matrix Spike (2512233-MS1)		**Source: 25L0463-02**		Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	ND	103	80-120			
Matrix Spike (2512233-MS2)		**Source: 25L0490-04**		Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	ND	101	80-120			
Matrix Spike Dup (2512233-MSD1)		**Source: 25L0463-02**		Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120	1	20	
Matrix Spike Dup (2512233-MSD2)		**Source: 25L0490-04**		Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120	3	20	
Batch 2512238 - SM4500-H+ B										
Duplicate (2512238-DUP1)		**Source: 25L0490-05**		Prepared & Analyzed: 12/26/2025						
pH (pH Units)	7.6		-		7.6			0.3	200	H5
Temperature (°C)	22		-		22			0.9	200	H5
Duplicate (2512238-DUP2)		**Source: 25L0522-04**		Prepared & Analyzed: 12/26/2025						
pH (pH Units)	7.3		-		7.3			0.1	200	H5
Temperature (°C)	22		-		21			0.5	200	H5
Batch 2601003 - SM 4500-NH3 B, F										
Blank (2601003-BLK1)				Prepared & Analyzed: 01/02/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2601003-BS1)				Prepared & Analyzed: 01/02/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		102	85-115			
LCS Dup (2601003-BSD1)				Prepared & Analyzed: 01/02/2026						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500		97	85-115	5	10	
Matrix Spike (2601003-MS1)		**Source: 25L0397-05**		Prepared & Analyzed: 01/02/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2601003-MSD1)		**Source: 25L0397-05**		Prepared & Analyzed: 01/02/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2
Batch 2601030 - SM 4500-NH3 B, F										
Blank (2601030-BLK1)				Prepared & Analyzed: 01/06/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2601030-BS1)				Prepared & Analyzed: 01/06/2026						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500		96	85-115			
LCS Dup (2601030-BSD1)				Prepared & Analyzed: 01/06/2026						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		98	85-115	2	10	
Matrix Spike (2601030-MS1)		**Source: 25L0490-04**		Prepared & Analyzed: 01/06/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601030 - SM 4500-NH3 B, F										
Matrix Spike Dup (2601030-MSD1)	**Source: 25L0490-04**			Prepared & Analyzed: 01/06/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512194 - SW8260B										
Blank (2512194-BLK1)				Prepared & Analyzed: 12/19/2025						
Benzene	0.38	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.15	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*50.2*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Dibromofluoromethane	*48.2*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*52.0*		*ug/L*	*50.00*		*104*	*70-130*			
LCS (2512194-BS1)				Prepared & Analyzed: 12/19/2025						
1,1-Dichloroethene	51	0.50	ug/L	50.00		103	70-130			
Benzene	47	0.50	ug/L	50.00		94	70-130			
Chlorobenzene	53	0.50	ug/L	50.00		106	70-130			
Toluene	51	0.50	ug/L	50.00		101	70-130			
Trichloroethene	46	0.50	ug/L	50.00		93	70-130			
Surrogate: 4-Bromofluorobenzene	*51.5*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*48.5*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*52.1*		*ug/L*	*50.00*		*104*	*70-130*			
LCS Dup (2512194-BSD1)				Prepared & Analyzed: 12/19/2025						
1,1-Dichloroethene	54	0.50	ug/L	50.00		108	70-130	5	30	
Benzene	50	0.50	ug/L	50.00		100	70-130	5	30	
Chlorobenzene	57	0.50	ug/L	50.00		115	70-130	7	30	
Toluene	55	0.50	ug/L	50.00		111	70-130	9	30	
Trichloroethene	49	0.50	ug/L	50.00		99	70-130	6	30	
Surrogate: 4-Bromofluorobenzene	*51.1*		*ug/L*	*50.00*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*47.8*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			
Matrix Spike (2512194-MS1)	**Source: 25L0490-01**			Prepared & Analyzed: 12/19/2025						
1,1-Dichloroethene	51	0.50	ug/L	50.00	ND	101	70-130			
Benzene	47	0.50	ug/L	50.00	0.32	93	70-130			
Chlorobenzene	50	0.50	ug/L	50.00	ND	100	70-130			
Toluene	50	0.50	ug/L	50.00	0.18	100	70-130			
Trichloroethene	45	0.50	ug/L	50.00	0.70	88	70-130			
Surrogate: 4-Bromofluorobenzene	*53.0*		*ug/L*	*50.00*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*47.4*		*ug/L*	*50.00*		*95*	*70-130*			
Surrogate: Toluene-d8	*52.7*		*ug/L*	*50.00*		*105*	*70-130*			
Matrix Spike (2512194-MS2)	**Source: 25L0490-06**			Prepared: 12/19/2025 Analyzed: 12/20/2025						
1,1-Dichloroethene	54	0.50	ug/L	50.00	ND	107	70-130			
Benzene	49	0.50	ug/L	50.00	0.32	97	70-130			
Chlorobenzene	50	0.50	ug/L	50.00	ND	99	70-130			
Toluene	50	0.50	ug/L	50.00	0.12	101	70-130			
Trichloroethene	46	0.50	ug/L	50.00	0.70	91	70-130			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*48.1*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*52.0*		*ug/L*	*50.00*		*104*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512194 - SW8260B										
Matrix Spike Dup (2512194-MSD1)	**Source: 25L0490-01**			Prepared & Analyzed: 12/19/2025						
1,1-Dichloroethene	57	0.50	ug/L	50.00	ND	113	70-130	11	30	
Benzene	53	0.50	ug/L	50.00	0.32	105	70-130	12	30	
Chlorobenzene	57	0.50	ug/L	50.00	ND	113	70-130	12	30	
Toluene	56	0.50	ug/L	50.00	0.18	112	70-130	11	30	
Trichloroethene	50	0.50	ug/L	50.00	0.70	98	70-130	10	30	
Surrogate: 4-Bromofluorobenzene	*53.8*		*ug/L*	*50.00*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*48.7*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*54.0*		*ug/L*	*50.00*		*108*	*70-130*			
Matrix Spike Dup (2512194-MSD2)	**Source: 25L0490-06**			Prepared: 12/19/2025 Analyzed: 12/20/2025						
1,1-Dichloroethene	58	0.50	ug/L	50.00	ND	116	70-130	8	30	
Benzene	54	0.50	ug/L	50.00	0.32	107	70-130	10	30	
Chlorobenzene	54	0.50	ug/L	50.00	ND	107	70-130	8	30	
Toluene	55	0.50	ug/L	50.00	0.12	110	70-130	9	30	
Trichloroethene	50	0.50	ug/L	50.00	0.70	98	70-130	8	30	
Surrogate: 4-Bromofluorobenzene	*53.9*		*ug/L*	*50.00*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*49.0*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512173 - EPA 300.0 (2.1)										
Blank (2512173-BLK1)				Prepared & Analyzed: 12/15/2025						
Chloride	ND	1.0	mg/L							E8
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							E8
LCS (2512173-BS1)				Prepared & Analyzed: 12/15/2025						
Chloride	12	1.0	mg/L	12.50		95	90-110			
Fluoride	1.9	0.50	mg/L	2.000		96	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2512173-BSD1)				Prepared & Analyzed: 12/15/2025						
Chloride	12	1.0	mg/L	12.50		95	90-110	0.1	10	
Fluoride	2.0	0.50	mg/L	2.000		98	90-110	2	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		99	90-110	0.2	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110	0	10	
Sulfate	13	5.0	mg/L	12.50		103	90-110	0.4	10	
Matrix Spike (2512173-MS1)		**Source: 25L0404-01**		Prepared & Analyzed: 12/15/2025						
Chloride	12	1.0	mg/L	12.50	ND	96	80-120			
Fluoride	2.3	0.50	mg/L	2.000	ND	113	80-120			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	99	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	13	5.0	mg/L	12.50	3.1	83	80-120			
Matrix Spike (2512173-MS2)		**Source: 25L0413-01**		Prepared: 12/18/2025 Analyzed: 12/24/2025						
Chloride	12	1.0	mg/L	12.50	0.86	91	80-120			
Fluoride	2.2	0.50	mg/L	2.000	ND	108	80-120			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	98	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	96	80-120			
Sulfate	13	5.0	mg/L	12.50	3.4	79	80-120			M2
Matrix Spike Dup (2512173-MSD1)		**Source: 25L0404-01**		Prepared & Analyzed: 12/15/2025						
Chloride	12	1.0	mg/L	12.50	ND	95	80-120	0.2	10	
Fluoride	2.3	0.50	mg/L	2.000	ND	113	80-120	0.3	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	99	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120	0.02	10	
Sulfate	13	5.0	mg/L	12.50	3.1	82	80-120	0.5	10	
Matrix Spike Dup (2512173-MSD2)		**Source: 25L0413-01**		Prepared: 12/18/2025 Analyzed: 12/24/2025						
Chloride	12	1.0	mg/L	12.50	0.86	92	80-120	0.8	10	
Fluoride	2.1	0.50	mg/L	2.000	ND	106	80-120	2	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	99	80-120	0.6	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120	0.7	10	
Sulfate	13	5.0	mg/L	12.50	3.4	80	80-120	0.6	10	

TURNER LABORATORIES, INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE _____ PAGE _____ OF _____

PROJECT NAME _____

CONTACT NAME _____

COMPANY NAME _____

ADDRESS _____

ZIP _____ PHONE _____ EMAIL _____

SAMPLER'S SIGNATURE _____

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	Base Neutrals 625/8270 ☐ / Acids ☐	Volatile Organics ☐ 624 / ☐ 524.2	TTHMS ☐ / ☐ 8260 HAAS	Chloride ☐ / Sulfate ☐ / Resistivity ☐	NO_3 ☐ / NO_2 ☐	TKN ☐	TPH ☐ / 1664 ☐ / Oil & Grease ☐	VOA ☐ / TCLP Analysis Semi-VOA ☐ / Pest ☐	TCLP ☐ / Metals ☐ / Total ☐	Dissolved ☐ / RCRA8 ☐	Total ☐ / Cyanide ☐ / Amen. ☐	SDWA-INORGANICS PRIMARY ☐ / WAD ☐	MPN ☐ / SECONDARY ☐	PH ☐ / Fecal ☐ / Cl2 ☐ / Coliform PIA ☐	COD ☐ / Cl2 ☐ / Turb ☐	TSS ☐ / BOD ☐				
MW-16	12-11-25	1112		GW	9																	X			
MW-09	12-11-25	1155		GW	9																	X			
Field Blank	12-11-25	1209		GW	3																	X			

1. RELINQUISHED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time 12-15-2025 16:30

2. RECEIVED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

TURNAROUND REQUIREMENTS:
____ Standard (approx. 10 days)*
____ Next Day ____ 2 Day ____ 5 Day*
____ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
____ I. Routine Report
____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
____ III. Data Validation Report (Includes All Raw Data) Add 10% to invoice

INVOICE INFORMATION:
Account ____ Y ____ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers 16
Temperature _____
☐ Wet Ice
☐ Ambient
☐ Blue Ice
IR # _____

3. RELINQUISHED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

4. RECEIVED BY:
Signature _____
Printed Name _____
Firm TURNER LABORATORIES, INC.
Date/Time 12/15/25 16:30

* LEGEND
SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No		Custody Seals ☐	Preservation Confirmation ☐
CMDP Deliverable: ☐ Yes ☐ No		Container Intact ☐	Appropriate Head Space ☐
Submit To CMDP ☐ Yes ☐ No		COC / Labels Agree ☐	Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:

Parameters for Ambient Groundwater Monitoring **(in mg/L unless otherwise noted, metals are dissolved unless otherwise noted)**		
pH – lab (S.U.)	Antimony	Uranium (total)
	Arsenic	Gross Alpha Particle Activity (pCi/L)
Total Dissolved Solids	Barium	Radium 226 + Radium 228 (pCi/L)
Total Alkalinity	Beryllium	Uranium-Isotopes (pCi/L)
Carbonate	Cadmium	Benzene
Bicarbonate	Chromium	Carbon Disulfide
Nitrate as N	Cobalt	Ethylbenzene
Nitrite as N	Copper	Toluene
Nitrate + Nitrite	Cyanide (free)	Total Xylenes
Total Nitrogen	Lead	
Sulfate	Manganese	TKN
Chloride	Mercury	Ammonia
Fluoride	Iron (total)	Adjusted Gross Alpha (pCi/L)
Calcium	Molybdenum	
Magnesium	Nickel	
Potassium	Selenium	
Sodium	Thallium	
Hydroxide	Uranium	
Aluminum	Zinc	

Note: Within the context of this permit, compliance with Arizona Aquifer Quality Standards (AWQS) assumed the adoption of a limit of 0.01 mg/L for arsenic (dissolved) and a limit of 0.30 mg/L for uranium (total).

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 15, 2025
Sample Received: December 17, 2025
Analysis Completed: January 02, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25L0451-01	4.3 ± 0.5	3.5 ± 0.6	0.8 ± 0.8	3.7 ± 1.3	< 0.5	< 0.7	< 0.7

Analysis Date/Time	12/24/2025	12/31/2025	12/31/2025	12/27/2025	12/28/2025	12/28/2025	12/28/2025
	04:28	8:41	8:41	20:07	6:51	6:51	6:51

January 2, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 15, 2025
Sample Received: December 17, 2025
Uranium Analysis Date: December 31, 2025
Uranium Analysis Time: 8:41

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25L0451-01	1.1 ± 0.3	0.049 ± 0.002	2.4 ± 0.4	3.5 ± 0.6	Activity (pCi/L)
	3.1 ± 0.7	0.023 ± 0.001	0.00039 ± 0.00006	3.2 ± 0.7	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P. — January 2, 2026 Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 15, 2025 (Sample Date) 11:22 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	12/31/2025	0.8 ± 0.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	12/24/2025	4.3 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/31/2025	3.2 ± 0.7	µg/L	
			Uranium 234	4007	12/31/2025	0.00039 ± 0.00006		
			Uranium 235	4008	12/31/2025	0.023 ± 0.001		
			Uranium 238	4009	12/31/2025	3.1 ± 0.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	12/28/2025	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	12/28/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	12/28/2025	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78949

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0451-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 15, 2025 (Sample Date) 11:22 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	12/27/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78949

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0451-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 15, 2025
Sample Received: December 17, 2025
Analysis Completed: January 02, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25L0451-02	4.9 ± 0.5	4.5 ± 0.7	0.4 ± 0.9	4.3 ± 1.3	< 0.5	< 0.7	< 0.7

Analysis Date/Time	12/24/2025	12/31/2025	12/31/2025	12/27/2025	12/28/2025	12/28/2025	12/28/2025
	6:08	12:08	12:08	23:27	10:53	10:53	10:53

Robert L. Metzger, Ph.D., C.H.P.

January 2, 2026
Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 15, 2025
Sample Received: December 17, 2025
Uranium Analysis Date: December 31, 2025
Uranium Analysis Time: 12:08

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25L0451-02	1.5 ± 0.3	0.069 ± 0.002	3.0 ± 0.4	4.5 ± 0.7	Activity (pCi/L)
	4.4 ± 0.9	0.032 ± 0.001	0.00048 ± 0.00007	4.5 ± 0.9	Content (µg/L)
	Comments:				

January 2, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 15, 2025 (Sample Date) 13:55 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	12/31/2025	0.4 ± 0.9		
EPA 00-02		3 pCi/L	Gross Alpha	4002	12/24/2025	4.9 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/31/2025	4.5 ± 0.9	µg/L	
			Uranium 234	4007	12/31/2025	0.00048 ± 0.00007		
			Uranium 235	4008	12/31/2025	0.032 ± 0.001		
			Uranium 238	4009	12/31/2025	4.4 ± 0.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	12/28/2025	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	12/28/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	12/28/2025	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78950

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0451-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 15, 2025 (Sample Date) 13:55 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	12/27/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78950

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0451-02

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25L0451

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25L0451-01 Non-Potable Wa Sampled:12/15/2025 11:22			
Radiochemistry, Uranium	06/13/2026 11:22		
Radiochemistry, Radium 226/228	01/14/2026 11:22		
Radiochemistry, Gross Alpha Beta	06/13/2026 11:22		78949
Containers Supplied: 1			
Sample ID: 25L0451-02 Non-Potable Wa Sampled:12/15/2025 13:55			
Radiochemistry, Uranium	06/13/2026 13:55		
Radiochemistry, Radium 226/228	01/14/2026 13:55		
Radiochemistry, Gross Alpha Beta	06/13/2026 13:55		78950
Containers Supplied: 1			

Released By	Date	Received By	Date
[illegible]	12/16/25 1600	UPS	12/16/25 1600
Released By	Date	Received By	Date
		MS	12/17/25 11:25

January 21, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25L0490

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 6 sample(s) on 12/16/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Date Received: 12/16/2025

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25L0490-01	POC - 08	Ground Water	12/16/2025 0905
25L0490-02	POC - 07	Ground Water	12/16/2025 1057
25L0490-03	POC - 07-DUP	Ground Water	12/16/2025 1118
25L0490-04	FIELD BLANK	Ground Water	12/16/2025 1153
25L0490-05	POC-6	Ground Water	12/16/2025 1311
25L0490-06	POC-5	Ground Water	12/16/2025 1452

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Date Received: 12/16/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H1	Sample analysis was performed past holding time.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-01

Client Sample ID: POC - 08
Collection Date/Time: 12/16/2025 0905
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	12/16/2025 1700	12/17/2025 0110	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.30	0.022	0.33	E4	mg/L	1	12/23/2025 1050	01/04/2026 1428	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.00032	0.000016	0.00056	E4	mg/L	1	12/29/2025 1129	01/21/2026 1147	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	72	0.13	4.0		mg/L	1	12/20/2025 1115	01/09/2026 1559	RAR
Magnesium	11	0.10	3.0		mg/L	1	12/20/2025 1115	01/09/2026 1559	RAR
Potassium	2.7	0.14	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1559	RAR
Sodium	16	0.58	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1559	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.13	0.013	0.040		mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Antimony	0.000050	0.000039	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Arsenic	0.0017	0.00010	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Barium	0.039	0.000029	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Beryllium	0.000076	0.000013	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Chromium	ND	0.000023	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Cobalt	0.00032	0.000010	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Copper	0.0027	0.00015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Manganese	0.17	0.000038	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Molybdenum	0.81	0.000025	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Nickel	0.00028	0.000015	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Selenium	ND	0.00025	0.0025	E8	mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
Uranium	0.00032	0.000015	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-01

Client Sample ID: POC - 08
Collection Date/Time: 12/16/2025 0905
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.015	0.0023	0.040	E4	mg/L	1	12/18/2025 1741	01/09/2026 1733	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	01/05/2026 0914	01/05/2026 1538	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	ND	0.75	1.0	E8	mg/L	1	12/16/2025 1700	12/17/2025 0110	SS
Fluoride	2.3	0.18	0.50		mg/L	1	12/16/2025 1700	12/17/2025 0110	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	12/16/2025 1700	12/17/2025 0110	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	12/16/2025 1700	12/17/2025 0110	SS
Sulfate	110	5.6	10		mg/L	2	12/16/2025 1700	12/26/2025 1907	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/06/2026 1058	01/06/2026 1619	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	160	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Total (As CaCO3)	160	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	380	20	20		mg/L	1	12/22/2025 0847	12/23/2025 0950	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	12/23/2025 1000	12/23/2025 1616	SJS
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-01

Client Sample ID: POC - 08
Collection Date/Time: 12/16/2025 0905
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.9			H5	-	1	12/26/2025 1537	12/26/2025 1600	IM
Temperature (°C)	21			H5	-	1	12/26/2025 1537	12/26/2025 1600	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	0.32	0.063	0.50	E4	ug/L	1	12/19/2025 0800	12/19/2025 2008	ES
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	12/19/2025 0800	12/19/2025 2008	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/19/2025 0800	12/19/2025 2008	ES
Toluene	0.18	0.057	0.50	E4	ug/L	1	12/19/2025 0800	12/19/2025 2008	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/19/2025 0800	12/19/2025 2008	ES
Surr: 4-Bromofluorobenzene	*103*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/19/2025 2008*	*ES*
Surr: Dibromofluoromethane	*94*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/19/2025 2008*	*ES*
Surr: Toluene-d8	*105*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/19/2025 2008*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-02

Client Sample ID: POC - 07
Collection Date/Time: 12/16/2025 1057
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	12/16/2025 1700	12/17/2025 0130	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.20	0.022	0.33	E4	mg/L	1	12/23/2025 1050	01/04/2026 1431	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0016	0.000016	0.00056		mg/L	1	12/29/2025 1129	01/21/2026 1150	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	120	0.13	4.0		mg/L	1	12/20/2025 1115	01/09/2026 1602	RAR
Magnesium	13	0.10	3.0		mg/L	1	12/20/2025 1115	01/09/2026 1602	RAR
Potassium	8.5	0.14	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1602	RAR
Sodium	7.4	0.58	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1602	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.030	0.013	0.040	E4	mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Antimony	0.00020	0.000039	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Arsenic	0.0089	0.00010	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Barium	0.039	0.000029	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Beryllium	0.000024	0.000013	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Chromium	0.000033	0.000023	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Cobalt	0.00016	0.000010	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Copper	0.00064	0.00015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Manganese	0.32	0.000038	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Molybdenum	0.047	0.000025	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Nickel	0.00021	0.000015	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Selenium	0.0011	0.00025	0.0025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Uranium	0.0014	0.000015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR
Zinc	0.0051	0.0023	0.040	E4	mg/L	1	12/18/2025 1741	01/09/2026 1736	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-02

Client Sample ID: POC - 07
Collection Date/Time: 12/16/2025 1057
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	01/05/2026 0914	01/05/2026 1540	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11	0.75	1.0		mg/L	1	12/16/2025 1700	12/17/2025 0130	SS
Fluoride	0.49	0.18	0.50	E4	mg/L	1	12/16/2025 1700	12/17/2025 0130	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	12/16/2025 1700	12/17/2025 0130	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	12/16/2025 1700	12/17/2025 0130	SS
Sulfate	260	28	50		mg/L	10	12/16/2025 1700	12/26/2025 1926	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/06/2026 1058	01/06/2026 1619	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	150	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Total (As CaCO3)	150	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	590	20	20		mg/L	1	12/22/2025 0847	12/23/2025 0950	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	12/23/2025 1000	12/23/2025 1616	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.5			H5	-	1	12/26/2025 1537	12/26/2025 1603	IM
Temperature (°C)	21			H5	-	1	12/26/2025 1537	12/26/2025 1603	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-02

Client Sample ID: POC - 07
Collection Date/Time: 12/16/2025 1057
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	0.35	0.063	0.50	E4	ug/L	1	12/19/2025 0800	12/19/2025 2347	ES
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	12/19/2025 0800	12/19/2025 2347	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/19/2025 0800	12/19/2025 2347	ES
Toluene	0.16	0.057	0.50	E4	ug/L	1	12/19/2025 0800	12/19/2025 2347	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/19/2025 0800	12/19/2025 2347	ES
Surr: 4-Bromofluorobenzene	*108*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/19/2025 2347*	*ES*
Surr: Dibromofluoromethane	*96*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/19/2025 2347*	*ES*
Surr: Toluene-d8	*109*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/19/2025 2347*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-03

Client Sample ID: POC - 07-DUP
Collection Date/Time: 12/16/2025 1118
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	12/16/2025 1700	12/17/2025 0307	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.20	0.022	0.33	E4	mg/L	1	12/23/2025 1050	01/04/2026 1434	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0016	0.000016	0.00056		mg/L	1	12/29/2025 1129	01/21/2026 1153	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	120	0.13	4.0		mg/L	1	12/20/2025 1115	01/09/2026 1605	RAR
Magnesium	13	0.10	3.0		mg/L	1	12/20/2025 1115	01/09/2026 1605	RAR
Potassium	8.6	0.14	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1605	RAR
Sodium	7.5	0.58	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1605	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.032	0.013	0.040	E4	mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Antimony	0.00019	0.000039	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Arsenic	0.0090	0.00010	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Barium	0.039	0.000029	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Beryllium	0.000033	0.000013	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Chromium	0.00029	0.000023	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Cobalt	0.00034	0.000010	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Copper	0.00091	0.00015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Manganese	0.31	0.000038	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Molybdenum	0.046	0.000025	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Nickel	0.0021	0.000015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Selenium	0.00066	0.00025	0.0025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Uranium	0.0013	0.000015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR
Zinc	0.0047	0.0023	0.040	E4	mg/L	1	12/18/2025 1741	01/09/2026 1739	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-03

Client Sample ID: POC - 07-DUP
Collection Date/Time: 12/16/2025 1118
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	01/05/2026 0914	01/05/2026 1543	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11	0.75	1.0		mg/L	1	12/16/2025 1700	12/17/2025 0307	SS
Fluoride	0.50	0.18	0.50	E4	mg/L	1	12/16/2025 1700	12/26/2025 1946	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	12/16/2025 1700	12/17/2025 0307	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	12/16/2025 1700	12/17/2025 0307	SS
Sulfate	260	28	50		mg/L	10	12/16/2025 1700	12/26/2025 2005	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/06/2026 1058	01/06/2026 1619	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	150	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Total (As CaCO3)	150	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	590	20	20		mg/L	1	12/22/2025 0847	12/23/2025 0950	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	12/23/2025 1000	12/23/2025 1616	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.5			H5	-	1	12/26/2025 1537	12/26/2025 1606	IM
Temperature (°C)	21			H5	-	1	12/26/2025 1537	12/26/2025 1606	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-03

Client Sample ID: POC - 07-DUP
Collection Date/Time: 12/16/2025 1118
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	0.33	0.063	0.50	E4	ug/L	1	12/19/2025 0800	12/20/2025 0023	ES
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	12/19/2025 0800	12/20/2025 0023	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/19/2025 0800	12/20/2025 0023	ES
Toluene	0.14	0.057	0.50	E4	ug/L	1	12/19/2025 0800	12/20/2025 0023	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/19/2025 0800	12/20/2025 0023	ES
Surr: 4-Bromofluorobenzene	*107*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/20/2025 023*	*ES*
Surr: Dibromofluoromethane	*97*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/20/2025 023*	*ES*
Surr: Toluene-d8	*105*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/20/2025 023*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-04

Client Sample ID: FIELD BLANK
Collection Date/Time: 12/16/2025 1153
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	12/16/2025 1700	12/17/2025 0326	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.024	0.022	0.33	E4	mg/L	1	12/28/2025 0946	01/04/2026 1611	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.000030	0.000016	0.00056	E4	mg/L	1	12/29/2025 1129	01/21/2026 1156	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	ND	0.13	4.0		mg/L	1	12/20/2025 1115	01/09/2026 1608	RAR
Magnesium	0.14	0.10	3.0		mg/L	1	12/20/2025 1115	01/09/2026 1608	RAR
Potassium	ND	0.14	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1608	RAR
Sodium	0.80	0.58	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1608	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.020	0.013	0.040	E4	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Arsenic	ND	0.00010	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Barium	0.000032	0.000029	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Beryllium	0.000015	0.000013	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Chromium	ND	0.000023	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Cobalt	0.000062	0.000010	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Copper	0.00048	0.00015	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Manganese	0.0060	0.000038	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Molybdenum	0.00023	0.000025	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Nickel	0.000049	0.000015	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Selenium	ND	0.00025	0.0025	E8	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Uranium	ND	0.000015	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR
Zinc	0.0037	0.0023	0.040	E4	mg/L	1	12/18/2025 1741	01/09/2026 1751	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-04

Client Sample ID: FIELD BLANK
Collection Date/Time: 12/16/2025 1153
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	01/05/2026 0914	01/05/2026 1545	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	0.83	0.75	1.0	E4	mg/L	1	12/16/2025 1700	12/17/2025 0326	SS
Fluoride	ND	0.18	0.50	E8	mg/L	1	12/16/2025 1700	12/26/2025 2201	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	12/16/2025 1700	12/17/2025 0326	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10		mg/L	1	12/16/2025 1700	12/17/2025 0326	SS
Sulfate	3.1	2.8	5.0	E4	mg/L	1	12/16/2025 1700	12/26/2025 2201	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8, M2	mg/L	1	01/06/2026 1058	01/06/2026 1619	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	24	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Total (As CaCO3)	24	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	ND	20	20		mg/L	1	12/22/2025 0847	12/23/2025 0950	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	12/23/2025 1000	12/23/2025 1616	SJS
pH-SM4500-H+ B									
pH (pH Units)	5.7			H5	-	1	12/26/2025 1537	12/26/2025 1608	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-04

Client Sample ID: FIELD BLANK
Collection Date/Time: 12/16/2025 1153
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	21			H5	-	1	12/26/2025 1537	12/26/2025 1608	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	0.33	0.063	0.50	E4	ug/L	1	12/19/2025 0800	12/20/2025 0058	ES
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	12/19/2025 0800	12/20/2025 0058	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/19/2025 0800	12/20/2025 0058	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	12/19/2025 0800	12/20/2025 0058	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/19/2025 0800	12/20/2025 0058	ES
Surr: 4-Bromofluorobenzene	*110*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/20/2025 058*	*ES*
Surr: Dibromofluoromethane	*99*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/20/2025 058*	*ES*
Surr: Toluene-d8	*109*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/20/2025 058*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-05

Client Sample ID: POC-6
Collection Date/Time: 12/16/2025 1311
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	12/16/2025 1700	12/17/2025 0345	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	12/28/2025 0946	01/04/2026 1614	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.017	0.000016	0.00056		mg/L	1	12/29/2025 1129	01/21/2026 1159	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	64	0.13	4.0		mg/L	1	12/20/2025 1115	01/09/2026 1611	RAR
Magnesium	17	0.10	3.0		mg/L	1	12/20/2025 1115	01/09/2026 1611	RAR
Potassium	4.7	0.14	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1611	RAR
Sodium	46	0.58	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1611	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.020	0.013	0.040	E4	mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Antimony	0.0033	0.000039	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Arsenic	0.0026	0.00010	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Barium	0.060	0.000029	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Beryllium	0.000037	0.000013	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Chromium	0.00058	0.000023	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Cobalt	0.00015	0.000010	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Copper	0.0032	0.00015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Manganese	0.0055	0.000038	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Molybdenum	0.13	0.000025	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Nickel	0.0017	0.000015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Selenium	0.00098	0.00025	0.0025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Uranium	0.013	0.000015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR
Zinc	0.014	0.0023	0.040	E4	mg/L	1	12/18/2025 1741	01/09/2026 1754	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-05

Client Sample ID: POC-6
Collection Date/Time: 12/16/2025 1311
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	01/05/2026 0914	01/05/2026 1548	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	42	1.5	2.0		mg/L	2	12/16/2025 1700	12/26/2025 2044	SS
Fluoride	2.4	0.18	0.50		mg/L	1	12/16/2025 1700	12/26/2025 2024	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	12/16/2025 1700	12/17/2025 0345	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	12/16/2025 1700	12/17/2025 0345	SS
Sulfate	110	5.6	10		mg/L	2	12/16/2025 1700	12/26/2025 2044	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/06/2026 1058	01/06/2026 1619	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Total (As CaCO3)	190	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	450	20	20		mg/L	1	12/22/2025 0847	12/23/2025 0950	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8, H1	mg/L	1	12/31/2025 1230	12/31/2025 1359	RAR
pH-SM4500-H+ B									
pH (pH Units)	7.6			H5	-	1	12/26/2025 1537	12/26/2025 1610	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-05

Client Sample ID: POC-6
Collection Date/Time: 12/16/2025 1311
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	22			H5	-	1	12/26/2025 1537	12/26/2025 1610	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	0.32	0.063	0.50	E4	ug/L	1	12/19/2025 0800	12/20/2025 0134	ES
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	12/19/2025 0800	12/20/2025 0134	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/19/2025 0800	12/20/2025 0134	ES
Toluene	0.11	0.057	0.50	E4	ug/L	1	12/19/2025 0800	12/20/2025 0134	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/19/2025 0800	12/20/2025 0134	ES
Surr: 4-Bromofluorobenzene	*108*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/20/2025 134*	*ES*
Surr: Dibromofluoromethane	*98*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/20/2025 134*	*ES*
Surr: Toluene-d8	*110*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/20/2025 134*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-06

Client Sample ID: POC-5
Collection Date/Time: 12/16/2025 1452
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	12/16/2025 1700	12/17/2025 0405	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.63	0.022	0.33		mg/L	1	12/28/2025 0946	01/04/2026 1618	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.028	0.000016	0.00056		mg/L	1	12/29/2025 1129	01/21/2026 1202	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	41	0.13	4.0		mg/L	1	12/20/2025 1115	01/09/2026 1614	RAR
Magnesium	8.6	0.10	3.0		mg/L	1	12/20/2025 1115	01/09/2026 1614	RAR
Potassium	3.7	0.14	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1614	RAR
Sodium	52	0.58	5.0		mg/L	1	12/20/2025 1115	01/09/2026 1614	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.013	0.013	0.040	E4	mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Arsenic	0.0058	0.00010	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Barium	0.10	0.000029	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Chromium	0.00027	0.000023	0.00050	E4	mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Cobalt	0.00023	0.000010	0.00025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Copper	0.0023	0.00015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Manganese	0.31	0.000038	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Molybdenum	0.038	0.000025	0.00025		mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Nickel	0.00068	0.000015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Selenium	0.00059	0.00025	0.0025	E4	mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Uranium	0.023	0.000015	0.00050		mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	12/18/2025 1741	01/09/2026 1757	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-06

Client Sample ID: POC-5
Collection Date/Time: 12/16/2025 1452
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	01/05/2026 0914	01/05/2026 1550	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	ND	0.75	1.0	E8	mg/L	1	12/16/2025 1700	12/17/2025 0405	SS
Fluoride	2.5	0.18	0.50		mg/L	1	12/16/2025 1700	12/26/2025 2357	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	12/16/2025 1700	12/17/2025 0405	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	12/16/2025 1700	12/17/2025 0405	SS
Sulfate	23	2.8	5.0		mg/L	1	12/16/2025 1700	12/26/2025 2357	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	12/26/2025 0836	12/26/2025 1256	RAR
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/06/2026 1058	01/06/2026 1619	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Total (As CaCO3)	230	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	330	20	20		mg/L	1	12/22/2025 0847	12/23/2025 0950	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8, H1	mg/L	1	12/31/2025 1230	12/31/2025 1359	RAR
pH-SM4500-H+ B									
pH (pH Units)	7.6			H5	-	1	12/26/2025 1537	12/26/2025 1618	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Lab Sample ID: 25L0490-06

Client Sample ID: POC-5
Collection Date/Time: 12/16/2025 1452
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	21			H5	-	1	12/26/2025 1537	12/26/2025 1618	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	0.32	0.063	0.50	E4	ug/L	1	12/19/2025 0800	12/20/2025 0210	ES
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	12/19/2025 0800	12/20/2025 0210	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/19/2025 0800	12/20/2025 0210	ES
Toluene	0.12	0.057	0.50	E4	ug/L	1	12/19/2025 0800	12/20/2025 0210	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/19/2025 0800	12/20/2025 0210	ES
Surr: 4-Bromofluorobenzene	*109*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/20/2025 210*	*ES*
Surr: Dibromofluoromethane	*99*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/20/2025 210*	*ES*
Surr: Toluene-d8	*107*	*70-130*			*%REC*	*1*	*12/19/2025 0800*	*12/20/2025 210*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Date Received: 12/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512250 - E200.7 (4.4)										
Blank (2512250-BLK1)				Prepared: 12/23/2025 Analyzed: 12/30/2025						
Iron	ND	0.30	mg/L							
LCS (2512250-BS1)				Prepared: 12/23/2025 Analyzed: 12/30/2025						
Iron	1.0	0.30	mg/L	1.000		101	85-115			
LCS Dup (2512250-BSD1)				Prepared: 12/23/2025 Analyzed: 12/30/2025						
Iron	1.0	0.30	mg/L	1.000		101	85-115	0.8	20	
Matrix Spike (2512250-MS1)		**Source: 25L0228-01**		Prepared: 12/23/2025 Analyzed: 12/30/2025						
Iron	1.3	0.30	mg/L	1.000	0.37	93	70-130			
Matrix Spike (2512250-MS2)		**Source: 25L0229-01**		Prepared: 12/23/2025 Analyzed: 01/04/2026						
Iron	1.3	0.30	mg/L	1.000	0.41	92	70-130			
Batch 2512272 - E200.7 (4.4)										
Blank (2512272-BLK1)				Prepared: 12/31/2025 Analyzed: 01/04/2026						
Iron	ND	0.30	mg/L							
LCS (2512272-BS1)				Prepared: 12/31/2025 Analyzed: 01/04/2026						
Iron	0.99	0.30	mg/L	1.000		99	85-115			
LCS Dup (2512272-BSD1)				Prepared: 12/31/2025 Analyzed: 01/04/2026						
Iron	1.0	0.30	mg/L	1.000		104	85-115	5	20	
Matrix Spike (2512272-MS1)		**Source: 25L0433-01**		Prepared: 12/31/2025 Analyzed: 01/04/2026						
Iron	3.2	0.30	mg/L	1.000	2.5	69	70-130			M2
Matrix Spike (2512272-MS2)		**Source: 25L0435-01**		Prepared: 12/31/2025 Analyzed: 01/04/2026						
Iron	0.99	0.30	mg/L	1.000	0.022	97	70-130			
Batch 2601010 - EPA 200.8 (5.4)										
Blank (2601010-BLK1)				Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	0.000016	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

Client: Copper World, Inc.
Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601010 - EPA 200.8 (5.4)										
LCS (2601010-BS1)				Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	0.099	0.040	mg/L	0.1000		99	85-115			
Antimony	0.051	0.00050	mg/L	0.05000		101	85-115			
Arsenic	0.049	0.00050	mg/L	0.05000		98	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.049	0.00025	mg/L	0.05000		98	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115			
Cobalt	0.049	0.00025	mg/L	0.05000		99	85-115			
Copper	0.050	0.00050	mg/L	0.05000		99	85-115			
Lead	0.046	0.00050	mg/L	0.05000		91	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		99	85-115			
Molybdenum	0.050	0.00025	mg/L	0.05000		100	85-115			
Nickel	0.049	0.00050	mg/L	0.05000		99	85-115			
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115			
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115			
Zinc	0.10	0.040	mg/L	0.1000		103	85-115			
LCS Dup (2601010-BSD1)				Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	0.10	0.040	mg/L	0.1000		101	85-115	2	20	
Antimony	0.052	0.00050	mg/L	0.05000		104	85-115	3	20	
Arsenic	0.051	0.00050	mg/L	0.05000		101	85-115	3	20	
Barium	0.054	0.00050	mg/L	0.05000		107	85-115	3	20	
Beryllium	0.049	0.00025	mg/L	0.05000		97	85-115	1	20	
Cadmium	0.051	0.00025	mg/L	0.05000		103	85-115	3	20	
Chromium	0.051	0.00050	mg/L	0.05000		102	85-115	2	20	
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115	2	20	
Copper	0.051	0.00050	mg/L	0.05000		102	85-115	3	20	
Lead	0.047	0.00050	mg/L	0.05000		93	85-115	3	20	
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115	2	20	
Molybdenum	0.051	0.00025	mg/L	0.05000		103	85-115	3	20	
Nickel	0.051	0.00050	mg/L	0.05000		102	85-115	3	20	
Selenium	0.051	0.0025	mg/L	0.05000		102	85-115	2	20	
Thallium	0.051	0.00050	mg/L	0.05000		101	85-115	3	20	
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115	3	20	
Zinc	0.10	0.040	mg/L	0.1000		103	85-115	0.7	20	

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Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601010 - EPA 200.8 (5.4)										
Matrix Spike (2601010-MS1)		**Source: 25L0400-03**		Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	0.11	0.040	mg/L	0.1000	ND	111	70-130			
Antimony	0.068	0.00050	mg/L	0.05000	0.00012	135	70-130			M1
Arsenic	0.069	0.00050	mg/L	0.05000	0.0011	136	70-130			M1
Barium	0.081	0.00050	mg/L	0.05000	0.011	139	70-130			M1
Beryllium	0.059	0.00025	mg/L	0.05000	0.000042	118	70-130			
Cadmium	0.061	0.00025	mg/L	0.05000	ND	122	70-130			
Chromium	0.062	0.00050	mg/L	0.05000	0.00064	124	70-130			
Cobalt	0.060	0.00025	mg/L	0.05000	0.00019	119	70-130			
Copper	0.060	0.00050	mg/L	0.05000	0.0046	110	70-130			
Lead	0.060	0.00050	mg/L	0.05000	ND	121	70-130			
Manganese	0.062	0.00025	mg/L	0.05000	0.00054	123	70-130			
Molybdenum	0.085	0.00025	mg/L	0.05000	0.018	134	70-130			M1
Nickel	0.059	0.00050	mg/L	0.05000	0.0018	114	70-130			
Selenium	0.075	0.0025	mg/L	0.05000	0.0062	137	70-130			M1
Thallium	0.065	0.00050	mg/L	0.05000	0.000035	129	70-130			
Uranium	0.41	0.00050	mg/L	0.05000	0.34	145	70-130			M1
Zinc	0.11	0.040	mg/L	0.1000	ND	110	70-130			
Matrix Spike (2601010-MS2)		**Source: 25L0400-04**		Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	0.10	0.040	mg/L	0.1000	ND	102	70-130			
Antimony	0.057	0.00050	mg/L	0.05000	ND	115	70-130			
Arsenic	0.058	0.00050	mg/L	0.05000	0.00031	115	70-130			
Barium	0.095	0.00050	mg/L	0.05000	0.038	114	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.000013	104	70-130			
Cadmium	0.054	0.00025	mg/L	0.05000	ND	107	70-130			
Chromium	0.053	0.00050	mg/L	0.05000	0.00044	106	70-130			
Cobalt	0.050	0.00025	mg/L	0.05000	0.00011	101	70-130			
Copper	0.049	0.00050	mg/L	0.05000	0.0012	95	70-130			
Lead	0.050	0.00050	mg/L	0.05000	ND	100	70-130			
Manganese	0.053	0.00025	mg/L	0.05000	0.00035	105	70-130			
Molybdenum	0.057	0.00025	mg/L	0.05000	0.0018	111	70-130			
Nickel	0.050	0.00050	mg/L	0.05000	0.0011	97	70-130			
Selenium	0.062	0.0025	mg/L	0.05000	0.0019	121	70-130			
Thallium	0.055	0.00050	mg/L	0.05000	ND	109	70-130			
Uranium	0.10	0.00050	mg/L	0.05000	0.043	120	70-130			
Zinc	0.11	0.040	mg/L	0.1000	ND	107	70-130			
Batch 2601013 - EPA 200.7 (4.4)										
Blank (2601013-BLK1)				Prepared: 12/31/2025 Analyzed: 01/09/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.94	5.0	mg/L							

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Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601013 - EPA 200.7 (4.4)										
LCS (2601013-BS1)				Prepared: 12/31/2025 Analyzed: 01/09/2026						
Calcium	10	4.0	mg/L	10.00		102	85-115			
Magnesium	9.9	3.0	mg/L	10.00		99	85-115			
Potassium	9.7	5.0	mg/L	10.00		97	85-115			
Sodium	10	5.0	mg/L	10.00		102	85-115			
LCS Dup (2601013-BSD1)				Prepared: 12/31/2025 Analyzed: 01/09/2026						
Calcium	10	4.0	mg/L	10.00		101	85-115	0.9	20	
Magnesium	9.8	3.0	mg/L	10.00		98	85-115	0.6	20	
Potassium	9.6	5.0	mg/L	10.00		96	85-115	0.8	20	
Sodium	10	5.0	mg/L	10.00		101	85-115	0.8	20	
Matrix Spike (2601013-MS1)		**Source: 25L0398-06**		Prepared: 12/31/2025 Analyzed: 01/09/2026						
Calcium	280	4.0	mg/L	10.00	270	143	70-130			M1
Magnesium	170	3.0	mg/L	10.00	150	144	70-130			M1
Potassium	20	5.0	mg/L	10.00	9.1	104	70-130			
Sodium	100	5.0	mg/L	10.00	97	55	70-130			M2
Matrix Spike (2601013-MS2)		**Source: 25L0398-07**		Prepared: 12/31/2025 Analyzed: 01/09/2026						
Calcium	10	4.0	mg/L	10.00	ND	105	70-130			
Magnesium	10	3.0	mg/L	10.00	ND	104	70-130			
Potassium	9.9	5.0	mg/L	10.00	ND	99	70-130			
Sodium	10	5.0	mg/L	10.00	0.86	93	70-130			
Batch 2601015 - EPA 245.1										
Blank (2601015-BLK1)				Prepared & Analyzed: 01/05/2026						
Mercury	ND	0.0010	mg/L							
LCS (2601015-BS1)				Prepared & Analyzed: 01/05/2026						
Mercury	0.0051	0.0010	mg/L	0.005000		102	85-115			
LCS Dup (2601015-BSD1)				Prepared & Analyzed: 01/05/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		101	85-115	2	20	
Matrix Spike (2601015-MS1)		**Source: 25L0397-01**		Prepared & Analyzed: 01/05/2026						
Mercury	0.0050	0.0010	mg/L	0.005000	ND	100	70-130			
Matrix Spike (2601015-MS2)		**Source: 25L0397-02**		Prepared & Analyzed: 01/05/2026						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	98	70-130			
Matrix Spike Dup (2601015-MSD1)		**Source: 25L0397-01**		Prepared & Analyzed: 01/05/2026						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	98	70-130	1	20	
Matrix Spike Dup (2601015-MSD2)		**Source: 25L0397-02**		Prepared & Analyzed: 01/05/2026						
Mercury	0.0048	0.0010	mg/L	0.005000	ND	97	70-130	2	20	
Batch 2601174 - E200.8 (5.4)										
Blank (2601174-BLK1)				Prepared: 01/21/2025 Analyzed: 01/21/2026						
Uranium	ND	0.00050	mg/L							

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601174 - E200.8 (5.4)										
LCS (2601174-BS1)				Prepared: 01/21/2025 Analyzed: 01/21/2026						
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115			
LCS Dup (2601174-BSD1)				Prepared: 01/21/2025 Analyzed: 01/21/2026						
Uranium	0.052	0.00050	mg/L	0.05000		105	85-115	0.7	20	
Matrix Spike (2601174-MS1)		**Source: 26A0157-01**		Prepared: 01/21/2025 Analyzed: 01/21/2026						
Uranium	0.075	0.00056	mg/L	0.05556	0.0062	124	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512199 - SM2540 C										
Duplicate (2512199-DUP1)		**Source: 25L0451-01**		Prepared: 12/22/2025 Analyzed: 12/23/2025						
Total Dissolved Solids (Residue, Filterable)	410	20	mg/L		410			0.5	5	
Duplicate (2512199-DUP2)		**Source: 25L0451-02**		Prepared: 12/22/2025 Analyzed: 12/23/2025						
Total Dissolved Solids (Residue, Filterable)	300	20	mg/L		300			0.3	5	
Batch 2512211 - SM4500-CN BE										
Blank (2512211-BLK1)				Prepared & Analyzed: 12/23/2025						
Cyanide	ND	0.10	mg/L							
LCS (2512211-BS1)				Prepared & Analyzed: 12/23/2025						
Cyanide	2.0	0.10	mg/L	2.000		100	85-115			
LCS Dup (2512211-BSD1)				Prepared & Analyzed: 12/23/2025						
Cyanide	1.9	0.10	mg/L	2.000		97	85-115	3	15	
Matrix Spike (2512211-MS1)		**Source: 25L0219-02**		Prepared & Analyzed: 12/23/2025						
Cyanide	1.8	0.10	mg/L	2.000	ND	91	80-120			
Matrix Spike Dup (2512211-MSD1)		**Source: 25L0219-02**		Prepared & Analyzed: 12/23/2025						
Cyanide	1.8	0.10	mg/L	2.000	ND	90	80-120	1	15	
Batch 2512233 - EPA 351.2										
Blank (2512233-BLK1)				Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2512233-BS1)				Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		101	80-120			
LCS Dup (2512233-BSD1)				Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		100	80-120	1	20	
Matrix Spike (2512233-MS1)		**Source: 25L0463-02**		Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	ND	103	80-120			
Matrix Spike (2512233-MS2)		**Source: 25L0490-04**		Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	ND	101	80-120			
Matrix Spike Dup (2512233-MSD1)		**Source: 25L0463-02**		Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120	1	20	
Matrix Spike Dup (2512233-MSD2)		**Source: 25L0490-04**		Prepared & Analyzed: 12/26/2025						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120	3	20	
Batch 2512238 - SM4500-H+ B										
Duplicate (2512238-DUP1)		**Source: 25L0490-05**		Prepared & Analyzed: 12/26/2025						
pH (pH Units)	7.6		-		7.6			0.3	200	H5
Temperature (°C)	22		-		22			0.9	200	H5

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512238 - SM4500-H+ B										
Duplicate (2512238-DUP2)		**Source: 25L0522-04**		Prepared & Analyzed: 12/26/2025						
pH (pH Units)	7.3		-		7.3			0.1	200	H5
Temperature (°C)	22		-		21			0.5	200	H5
Batch 2512241 - SM2320B										
Blank (2512241-BLK1)				Prepared & Analyzed: 12/28/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2512241-BS1)				Prepared & Analyzed: 12/28/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		99	90-110			
LCS Dup (2512241-BSD1)				Prepared & Analyzed: 12/28/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		101	90-110	2	10	
Matrix Spike (2512241-MS1)		**Source: 25L0490-04**		Prepared & Analyzed: 12/28/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	24	96	70-130			
Matrix Spike Dup (2512241-MSD1)		**Source: 25L0490-04**		Prepared & Analyzed: 12/28/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	24	94	70-130	2	10	
Batch 2512275 - SM4500-CN BE										
Blank (2512275-BLK1)				Prepared & Analyzed: 12/31/2025						
Cyanide	ND	0.10	mg/L							
LCS (2512275-BS1)				Prepared & Analyzed: 12/31/2025						
Cyanide	1.9	0.10	mg/L	2.000		93	85-115			
LCS Dup (2512275-BSD1)				Prepared & Analyzed: 12/31/2025						
Cyanide	1.9	0.10	mg/L	2.000		93	85-115	0.2	15	
Matrix Spike (2512275-MS1)		**Source: 25L0640-01**		Prepared & Analyzed: 12/31/2025						
Cyanide	0.69	0.10	mg/L	1.000	ND	69	80-120			M1
Matrix Spike Dup (2512275-MSD1)		**Source: 25L0640-01**		Prepared & Analyzed: 12/31/2025						
Cyanide	0.77	0.10	mg/L	1.000	ND	77	80-120	11	15	M1
Batch 2601030 - SM 4500-NH3 B, F										
Blank (2601030-BLK1)				Prepared & Analyzed: 01/06/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2601030-BS1)				Prepared & Analyzed: 01/06/2026						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500		96	85-115			
LCS Dup (2601030-BSD1)				Prepared & Analyzed: 01/06/2026						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		98	85-115	2	10	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Date Received: 12/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601030 - SM 4500-NH3 B, F										
Matrix Spike (2601030-MS1)		**Source: 25L0490-04**		Prepared & Analyzed: 01/06/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120			M2
Matrix Spike Dup (2601030-MSD1)		**Source: 25L0490-04**		Prepared & Analyzed: 01/06/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L	2.500	ND		80-120		20	M2

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Date Received: 12/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512194 - SW8260B										
Blank (2512194-BLK1)				Prepared & Analyzed: 12/19/2025						
Benzene	0.38	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.15	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*50.2*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Dibromofluoromethane	*48.2*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*52.0*		*ug/L*	*50.00*		*104*	*70-130*			
LCS (2512194-BS1)				Prepared & Analyzed: 12/19/2025						
1,1-Dichloroethene	51	0.50	ug/L	50.00		103	70-130			
Benzene	47	0.50	ug/L	50.00		94	70-130			
Chlorobenzene	53	0.50	ug/L	50.00		106	70-130			
Toluene	51	0.50	ug/L	50.00		101	70-130			
Trichloroethene	46	0.50	ug/L	50.00		93	70-130			
Surrogate: 4-Bromofluorobenzene	*51.5*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*48.5*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*52.1*		*ug/L*	*50.00*		*104*	*70-130*			
LCS Dup (2512194-BSD1)				Prepared & Analyzed: 12/19/2025						
1,1-Dichloroethene	54	0.50	ug/L	50.00		108	70-130	5	30	
Benzene	50	0.50	ug/L	50.00		100	70-130	5	30	
Chlorobenzene	57	0.50	ug/L	50.00		115	70-130	7	30	
Toluene	55	0.50	ug/L	50.00		111	70-130	9	30	
Trichloroethene	49	0.50	ug/L	50.00		99	70-130	6	30	
Surrogate: 4-Bromofluorobenzene	*51.1*		*ug/L*	*50.00*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*47.8*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			
Matrix Spike (2512194-MS1)	**Source: 25L0490-01**			Prepared & Analyzed: 12/19/2025						
1,1-Dichloroethene	51	0.50	ug/L	50.00	ND	101	70-130			
Benzene	47	0.50	ug/L	50.00	0.32	93	70-130			
Chlorobenzene	50	0.50	ug/L	50.00	ND	100	70-130			
Toluene	50	0.50	ug/L	50.00	0.18	100	70-130			
Trichloroethene	45	0.50	ug/L	50.00	0.70	88	70-130			
Surrogate: 4-Bromofluorobenzene	*53.0*		*ug/L*	*50.00*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*47.4*		*ug/L*	*50.00*		*95*	*70-130*			
Surrogate: Toluene-d8	*52.7*		*ug/L*	*50.00*		*105*	*70-130*			
Matrix Spike (2512194-MS2)	**Source: 25L0490-06**			Prepared: 12/19/2025 Analyzed: 12/20/2025						
1,1-Dichloroethene	54	0.50	ug/L	50.00	ND	107	70-130			
Benzene	49	0.50	ug/L	50.00	0.32	97	70-130			
Chlorobenzene	50	0.50	ug/L	50.00	ND	99	70-130			
Toluene	50	0.50	ug/L	50.00	0.12	101	70-130			
Trichloroethene	46	0.50	ug/L	50.00	0.70	91	70-130			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*48.1*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*52.0*		*ug/L*	*50.00*		*104*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Date Received: 12/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512194 - SW8260B										
Matrix Spike Dup (2512194-MSD1)	**Source: 25L0490-01**			Prepared & Analyzed: 12/19/2025						
1,1-Dichloroethene	57	0.50	ug/L	50.00	ND	113	70-130	11	30	
Benzene	53	0.50	ug/L	50.00	0.32	105	70-130	12	30	
Chlorobenzene	57	0.50	ug/L	50.00	ND	113	70-130	12	30	
Toluene	56	0.50	ug/L	50.00	0.18	112	70-130	11	30	
Trichloroethene	50	0.50	ug/L	50.00	0.70	98	70-130	10	30	
Surrogate: 4-Bromofluorobenzene	*53.8*		*ug/L*	*50.00*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*48.7*		*ug/L*	*50.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*54.0*		*ug/L*	*50.00*		*108*	*70-130*			
Matrix Spike Dup (2512194-MSD2)	**Source: 25L0490-06**			Prepared: 12/19/2025 Analyzed: 12/20/2025						
1,1-Dichloroethene	58	0.50	ug/L	50.00	ND	116	70-130	8	30	
Benzene	54	0.50	ug/L	50.00	0.32	107	70-130	10	30	
Chlorobenzene	54	0.50	ug/L	50.00	ND	107	70-130	8	30	
Toluene	55	0.50	ug/L	50.00	0.12	110	70-130	9	30	
Trichloroethene	50	0.50	ug/L	50.00	0.70	98	70-130	8	30	
Surrogate: 4-Bromofluorobenzene	*53.9*		*ug/L*	*50.00*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*49.0*		*ug/L*	*50.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0490
Date Received: 12/16/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512178 - EPA 300.0 (2.1)										
Blank (2512178-BLK1)				Prepared & Analyzed: 12/16/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2512178-BS1)				Prepared & Analyzed: 12/16/2025						
Chloride	12	1.0	mg/L	12.50		93	90-110			
Fluoride	1.9	0.50	mg/L	2.000		93	90-110			
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		97	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		96	90-110			
Sulfate	13	5.0	mg/L	12.50		102	90-110			
LCS Dup (2512178-BSD1)				Prepared & Analyzed: 12/16/2025						
Chloride	12	1.0	mg/L	12.50		96	90-110	3	10	
Fluoride	2.0	0.50	mg/L	2.000		100	90-110	7	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000		99	90-110	3	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		98	90-110	3	10	
Sulfate	13	5.0	mg/L	12.50		105	90-110	2	10	

2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE _____ PAGE _____ OF _____

PROJECT NAME _____ #

CONTACT NAME

COMPANY NAME

ADDRESS

ZIP _____ PHONE _____ EMAIL

SAMPLER'S SIGNATURE

NUMBER OF CONTAINERS

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	Base Neutrals 625/8270	Acids	Volatile Organics 624	524.2	8260	THMS	HAA5	Chloride	Sulfate	Resistivity	NO3	NO2	TKN	TPH	1664	Oil & Grease	VOA	TCLP Analysis	Semi-VOA	Pest.	TCLP	Metals	Dissolved	Total	RCRA	Total	Cyanide	Amen.	WAD	SDWA/INORGANICS PRIMARY	SECONDARY	MPN	Coliform	PA	Fecal	pH	Cl2	Turb	TSS	BOD	COD

1. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
____ Standard (approx. 10 days)*
____ Next Day ____ 2 Day ____ 5 Day*
____ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
____ I. Routine Report
____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
____ III. Data Validation Report (Includes All Raw Data) Add 10% to Invoice

INVOICE INFORMATION:
Account ____ Y ____ N
P.O. #
Bill to:

SAMPLE RECEIPT:
Total Containers
Temperature
☐ Wet Ice
☐ Ambient
☐ Blue Ice
IR #

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Printed Name
TURNER LABORATORIES, INC.
Firm
Date/Time

* LEGEND
SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☒
COC / Labels Agree ☐

Preservation Confirmation ☐
Appropriate Head Space ☒
Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:

Parameters for Ambient Groundwater Monitoring **(in mg/L unless otherwise noted, metals are dissolved unless otherwise noted)**		
pH – lab (S.U.)	Antimony	Uranium (total)
	Arsenic	Gross Alpha Particle Activity (pCi/L)
Total Dissolved Solids	Barium	Radium 226 + Radium 228 (pCi/L)
Total Alkalinity	Beryllium	Uranium-Isotopes (pCi/L)
Carbonate	Cadmium	Benzene
Bicarbonate	Chromium	Carbon Disulfide
Nitrate as N	Cobalt	Ethylbenzene
Nitrite as N	Copper	Toluene
Nitrate + Nitrite	Cyanide (free)	Total Xylenes
Total Nitrogen	Lead	
Sulfate	Manganese	TKN
Chloride	Mercury	Ammonia
Fluoride	Iron (total)	Adjusted Gross Alpha (pCi/L)
Calcium	Molybdenum	
Magnesium	Nickel	
Potassium	Selenium	
Sodium	Thallium	
Hydroxide	Uranium	
Aluminum	Zinc	

Note: Within the context of this permit, compliance with Arizona Aquifer Quality Standards (AWQS) assumed the adoption of a limit of 0.01 mg/L for arsenic (dissolved) and a limit of 0.30 mg/L for uranium (total).

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 16, 2025
Sample Received: December 18, 2025
Analysis Completed: January 02, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25L0490-01	0.7 ± 0.3	< 0.8	0.7 ± 0.3	3.9 ± 1.3	< 0.5	< 0.7	< 0.7

Analysis Date/Time	12/24/2025	12/31/2025	12/31/2025	12/28/2025	12/30/2025	12/30/2025	12/30/2025
	14:30	12:40	12:40	9:28	3:28	3:28	3:28

January 2, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 16, 2025
Sample Received: December 18, 2025
Uranium Analysis Date: December 31, 2025
Uranium Analysis Time: 12:40

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25L0490-01	< 0.6	< 0.004	< 0.6	< 0.8	Activity (pCi/L)
	< 1.7	< 0.001	< 0.00009	< 1.7	Content (µg/L)
	Comments:				

January 2, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 16, 2025 (Sample Date) 9:05 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	12/31/2025	0.7 ± 0.3		
EPA 00-02		3 pCi/L	Gross Alpha	4002	12/24/2025	0.7 ± 0.3		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/31/2025	< 1.7	µg/L	
			Uranium 234	4007	12/31/2025	< 0.00009		
			Uranium 235	4008	12/31/2025	< 0.001		
			Uranium 238	4009	12/31/2025	< 1.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	12/30/2025	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	12/30/2025	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	12/30/2025	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78965

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0490-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 16, 2025 (Sample Date) 9:05 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	12/28/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78965

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0490-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 16, 2025
Sample Received: December 18, 2025
Analysis Completed: January 02, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25L0490-02	3.1 ± 0.4	1.1 ± 0.4	2.0 ± 0.6	8.0 ± 1.4	< 0.4	1.5 ± 0.3	1.5 ± 0.3

Analysis Date/Time	12/24/2025	12/31/2025	12/31/2025	12/28/2025	12/30/2025	12/30/2025	12/30/2025
	16:10	9:13	9:13	12:48	7:30	7:30	7:30

Robert L. Metzger, Ph.D., C.H.P.

January 2, 2026
Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 16, 2025
Sample Received: December 18, 2025
Uranium Analysis Date: December 31, 2025
Uranium Analysis Time: 9:13

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25L0490-02	0.3 ± 0.1	0.013 ± 0.001	0.8 ± 0.2	1.1 ± 0.4	Activity (pCi/L)
	0.8 ± 0.4	0.006 ± 0.000	0.00013 ± 0.00004	0.8 ± 0.4	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P. January 2, 2026
Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 16, 2025 (Sample Date) 10:57 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	12/31/2025	2.0 ± 0.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	12/24/2025	3.1 ± 0.4		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/31/2025	0.8 ± 0.4	µg/L	
			Uranium 234	4007	12/31/2025	0.00013 ± 0.00004		
			Uranium 235	4008	12/31/2025	0.006 ± 0.000		
			Uranium 238	4009	12/31/2025	0.8 ± 0.4		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	12/30/2025	1.5 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	12/30/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	12/30/2025	1.5 ± 0.3		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

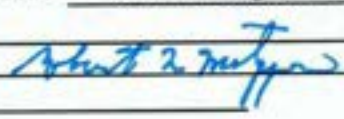
Specimen Number: RSE78966

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0490-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 16, 2025 (Sample Date) 10:57 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	12/28/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78966

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0490-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 16, 2025
Sample Received: December 18, 2025
Analysis Completed: January 02, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25L0490-03	3.2 ± 0.4	1.9 ± 0.5	1.3 ± 0.6	10.8 ± 1.5	< 0.4	1.6 ± 0.3	1.6 ± 0.3

Analysis Date/Time	12/24/2025 17:50	12/31/2025 13:42	12/31/2025 13:42	12/28/2025 16:09	12/30/2025 11:31	12/30/2025 11:31	12/30/2025 11:31

Robert L. Metzger, Ph.D., C.H.P.
January 2, 2026
Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 16, 2025
Sample Received: December 18, 2025
Uranium Analysis Date: December 31, 2025
Uranium Analysis Time: 13:42

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25L0490-03	0.8 ± 0.2	0.038 ± 0.002	1.0 ± 0.3	1.9 ± 0.5	Activity (pCi/L)
	2.4 ± 0.7	0.018 ± 0.001	0.00017 ± 0.00004	2.5 ± 0.7	Content (µg/L)
	Comments:				

January 2, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 16, 2025 (Sample Date) 11:18 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	12/31/2025	1.3 ± 0.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	12/24/2025	3.2 ± 0.4		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/31/2025	2.5 ± 0.7	µg/L	
			Uranium 234	4007	12/31/2025	0.00017 ± 0.00004		
			Uranium 235	4008	12/31/2025	0.018 ± 0.001		
			Uranium 238	4009	12/31/2025	2.4 ± 0.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	12/30/2025	1.6 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	12/30/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	12/30/2025	1.6 ± 0.3		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

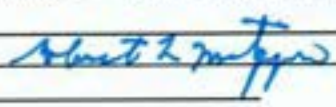
Specimen Number: RSE78967

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0490-03

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 16, 2025 (Sample Date) 11:18 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	12/28/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78967

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0490-03

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 16, 2025
Sample Received: December 18, 2025
Analysis Completed: January 02, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25L0490-04	< 0.4	< 0.4	< 0.4	< 2.5	< 0.4	< 0.7	< 0.7

Analysis Date/Time	12/24/2025 19:30	12/31/2025 14:06	12/31/2025 14:06	12/28/2025 19:29	12/30/2025 15:32	12/30/2025 15:32	12/30/2025 15:32

January 2, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 16, 2025
Sample Received: December 18, 2025
Uranium Analysis Date: December 31, 2025
Uranium Analysis Time: 14:06

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25L0490-04	< 0.3	< 0.002	< 0.3	< 0.4	Activity (pCi/L)
	< 0.8	< 0.001	< 0.00005	< 0.8	Content (µg/L)
	Comments:				

January 2, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 16, 2025 (Sample Date) 11:53 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	12/31/2025	< 0.4		
EPA 00-02		3 pCi/L	Gross Alpha	4002	12/24/2025	< 0.4		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/31/2025	< 0.8	µg/L	
			Uranium 234	4007	12/31/2025	< 0.00005		
			Uranium 235	4008	12/31/2025	< 0.001		
			Uranium 238	4009	12/31/2025	< 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	12/30/2025	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	12/30/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	12/30/2025	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78968

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0490-04

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 16, 2025 (Sample Date) 11:53 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	12/28/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78968

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0490-04

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST.• CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 16, 2025
Sample Received: December 18, 2025
Analysis Completed: January 02, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25L0490-05	14.2 ± 0.9	11.5 ± 1.1	2.7 ± 1.4	7.4 ± 1.4	< 0.4	2.1 ± 0.4	2.1 ± 0.4

Analysis Date/Time	12/24/2025	12/31/2025	12/31/2025	12/28/2025	12/30/2025	12/30/2025	12/30/2025
	21:11	10:00	10:00	22:49	19:34	19:34	19:34

Robert L. Metzger, Ph.D., C.H.P.

January 2, 2026
Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 16, 2025
Sample Received: December 18, 2025
Uranium Analysis Date: December 31, 2025
Uranium Analysis Time: 10:00

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25L0490-05	4.8 ± 0.5	0.221 ± 0.004	6.5 ± 0.6	11.5 ± 1.1	Activity (pCi/L)
	14.2 ± 1.6	0.103 ± 0.002	0.00104 ± 0.00010	14.3 ± 1.6	Content (µg/L)
	Comments:				

January 2, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 16, 2025 (Sample Date) 13:11 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	12/31/2025	2.7 ± 1.4		
EPA 00-02		3 pCi/L	Gross Alpha	4002	12/24/2025	14.2 ± 0.9		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/31/2025	14.3 ± 1.6	µg/L	
			Uranium 234	4007	12/31/2025	0.00104 ± 0.00010		
			Uranium 235	4008	12/31/2025	0.103 ± 0.002		
			Uranium 238	4009	12/31/2025	14.2 ± 1.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	12/30/2025	2.1 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	12/30/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	12/30/2025	2.1 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78969

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0490-05

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 16, 2025 (Sample Date) 13:11 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	12/28/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

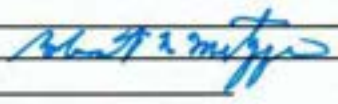
Specimen Number: RSE78969

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0490-05

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 16, 2025
Sample Received: December 18, 2025
Analysis Completed: January 02, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25L0490-06	21.2 ± 1.1	22.0 ± 2.2	< 1.0	9.7 ± 1.4	< 0.4	< 0.7	< 0.7

Analysis Date/Time	12/24/2025	12/31/2025	12/31/2025	12/29/2025	12/30/2025	12/30/2025	12/30/2025
	22:51	14:22	14:22	2:10	23:35	23:35	23:35

January 2, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 16, 2025
Sample Received: December 18, 2025
Uranium Analysis Date: December 31, 2025
Uranium Analysis Time: 14:22

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25L0490-06	7.9 ± 1.0	0.370 ± 0.007	13.7 ± 1.3	22.0 ± 2.2	Activity (pCi/L)
	23.6 ± 2.8	0.173 ± 0.003	0.00220 ± 0.00021	23.8 ± 2.8	Content (µg/L)
	Comments:				

January 2, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 16, 2025 (Sample Date) 14:52 (Sample Time) (24 hour clock)

_____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number)

_____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	12/31/2025	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	12/24/2025	21.2 ± 1.1		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/31/2025	23.8 ± 2.8	µg/L	
			Uranium 234	4007	12/31/2025	0.00220 ± 0.00021		
			Uranium 235	4008	12/31/2025	0.173 ± 0.003		
			Uranium 238	4009	12/31/2025	23.6 ± 2.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	12/30/2025	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	12/30/2025	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	12/30/2025	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78970

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0490-06

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 16, 2025 (Sample Date) 14:52 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	12/29/2025	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78970

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0490-06

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25L0490

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25L0490-01 Non-Potable Wa Sampled:12/16/2025 09:05			
Radiochemistry, Radium 226/228	01/15/2026 09:05		
Radiochemistry, Uranium	06/14/2026 09:05		
Radiochemistry, Gross Alpha Beta	06/14/2026 09:05		78965
Containers Supplied: 1			
Sample ID: 25L0490-02 Non-Potable Wa Sampled:12/16/2025 10:57			
Radiochemistry, Gross Alpha Beta	06/14/2026 10:57		
Radiochemistry, Radium 226/228	01/15/2026 10:57		
Radiochemistry, Uranium 1	06/14/2026 10:57		78966
Containers Supplied:			
Sample ID: 25L0490-03 Non-Potable Wa Sampled:12/16/2025 11:18			
Radiochemistry, Uranium	06/14/2026 11:18		
Radiochemistry, Gross Alpha Beta	06/14/2026 11:18		
Radiochemistry, Radium 226/228	01/15/2026 11:18		78967
Containers Supplied: 1			
Sample ID: 25L0490-04 Non-Potable Wa Sampled:12/16/2025 11:53			
Radiochemistry, Radium 226/228	01/15/2026 11:53		
Radiochemistry, Uranium	06/14/2026 11:53		
Radiochemistry, Gross Alpha Beta	06/14/2026 11:53		78968
Containers Supplied: 1			

RMC 12/17/25 1600 UPS 12/17/25 1600

Released By Date Received By Date

NS 12/18/25 11:56

Released By Date Received By Date

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25L0490

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25L0490-05 Non-Potable Wa Sampled:12/16/2025 13:11			
Radiochemistry, Gross Alpha Beta	06/14/2026 13:11		
Radiochemistry, Radium 226/228	01/15/2026 13:11		
Radiochemistry, Uranium	06/14/2026 13:11		
Containers Supplied:			
Sample ID: 25L0490-06 Non-Potable Wa Sampled:12/16/2025 14:52			
Radiochemistry, Uranium	06/14/2026 14:52		
Radiochemistry, Gross Alpha Beta	06/14/2026 14:52		
Radiochemistry, Radium 226/228	01/15/2026 14:52		
Containers Supplied:			

78969

78970

12/17/25 1600 UPS 12/17/25 1600

Released By Date Received By Date

MB 12/18/25 11:56

Released By Date Received By Date

January 21, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 25L0522

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 5 sample(s) on 12/17/2025 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Date Received: 12/17/2025

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
25L0522-01	POC - 04	Ground Water	12/17/2025 0850
25L0522-02	POC - 03	Ground Water	12/17/2025 1035
25L0522-03	POC - 02	Ground Water	12/17/2025 1159
25L0522-04	POC - 01	Ground Water	12/17/2025 1308
25L0522-05	Trip Blank	Ground Water	12/17/2025 0000

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Date Received: 12/17/2025

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H2	Initial analysis was performed within holding time. Reanalysis for the required dilution was past holding time.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
N4	The Minimum Reporting Limit (MRL) verification check did not meet laboratory acceptance limits.
R13	MS/MSD RPD exceeded method acceptance limit. Matrix spike recovery was outside acceptance criteria. Batch precision and accuracy were demonstrated.
R4	MS/MSD RPD exceeded the method acceptance limit. Recovery met the acceptance criteria.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-01

Client Sample ID: POC - 04
Collection Date/Time: 12/17/2025 0850
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	01/08/2026 1118	01/08/2026 1548	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	12/17/2025 1600	12/17/2025 1902	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.084	0.022	0.33	E4	mg/L	1	12/28/2025 0946	01/04/2026 1621	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.020	0.000015	0.00050		mg/L	1	12/22/2025 0918	01/05/2026 1544	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	50	0.13	4.0		mg/L	1	12/28/2025 1345	01/14/2026 1116	RAR
Magnesium	13	0.10	3.0		mg/L	1	12/28/2025 1345	01/14/2026 1116	RAR
Potassium	0.73	0.14	5.0	E4	mg/L	1	12/28/2025 1345	01/11/2026 1655	RAR
Sodium	18	0.58	5.0		mg/L	1	12/28/2025 1345	01/11/2026 1655	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Antimony	0.000066	0.000039	0.00050	E4	mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Arsenic	0.0029	0.00010	0.00050		mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Barium	0.058	0.000029	0.00050		mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Beryllium	0.000017	0.000013	0.00025	E4	mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Chromium	0.00029	0.000023	0.00050	E4	mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Cobalt	0.00020	0.000010	0.00025	E4	mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Copper	0.0022	0.00015	0.00050		mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Manganese	0.47	0.000038	0.00025		mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Molybdenum	0.073	0.000025	0.00025		mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Nickel	0.00089	0.000015	0.00050		mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Selenium	0.00075	0.00025	0.0025	E4	mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
Uranium	0.020	0.000015	0.00050		mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-01

Client Sample ID: POC - 04
Collection Date/Time: 12/17/2025 0850
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	ND	0.0023	0.040	E8	mg/L	1	12/20/2025 1103	01/20/2026 1436	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	01/05/2026 0914	01/05/2026 1553	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	26	1.5	2.0		mg/L	2	12/17/2025 1600	12/28/2025 1552	SS
Fluoride	2.6	0.18	0.50		mg/L	1	12/17/2025 1600	12/17/2025 1902	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	12/17/2025 1600	12/17/2025 1902	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	12/17/2025 1600	12/17/2025 1902	SS
Sulfate	99	2.8	5.0		mg/L	1	12/17/2025 1600	12/17/2025 1902	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.33	0.30	0.50	E4, N4	mg/L	1	01/08/2026 1118	01/08/2026 1548	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50		mg/L	1	01/13/2026 1111	01/13/2026 1427	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Total (As CaCO3)	230	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	450	20	20		mg/L	1	12/23/2025 0856	12/30/2025 1338	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	12/31/2025 1230	12/31/2025 1359	RAR
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-01

Client Sample ID: POC - 04
Collection Date/Time: 12/17/2025 0850
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.8			H5	-	1	12/26/2025 1537	12/26/2025 1629	IM
Temperature (°C)	22			H5	-	1	12/26/2025 1537	12/26/2025 1629	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0514	KP
Carbon disulfide	0.13	0.11	2.0	E4	ug/L	1	12/29/2025 1338	12/30/2025 0514	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0514	KP
Toluene	0.11	0.057	0.50	E4	ug/L	1	12/29/2025 1338	12/30/2025 0514	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/29/2025 1338	12/30/2025 0514	KP
Surr: 4-Bromofluorobenzene	*96*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 514*	*KP*
Surr: Dibromofluoromethane	*107*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 514*	*KP*
Surr: Toluene-d8	*102*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 514*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-02

Client Sample ID: POC - 03
Collection Date/Time: 12/17/2025 1035
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	01/08/2026 1118	01/08/2026 1548	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	12/17/2025 1600	12/17/2025 1926	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	12/28/2025 0946	01/04/2026 1624	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0086	0.000015	0.00050		mg/L	1	12/22/2025 0918	01/05/2026 1547	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	160	0.13	4.0		mg/L	1	12/28/2025 1345	01/14/2026 1119	RAR
Magnesium	71	0.10	3.0		mg/L	1	12/28/2025 1345	01/14/2026 1119	RAR
Potassium	5.6	0.14	5.0		mg/L	1	12/28/2025 1345	01/11/2026 1659	RAR
Sodium	74	0.58	5.0		mg/L	1	12/28/2025 1345	01/11/2026 1659	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	12/30/2025 1034	01/20/2026 1607	RAR
Antimony	0.00057	0.000039	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Arsenic	0.0078	0.00010	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Barium	0.075	0.000029	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	12/30/2025 1034	01/20/2026 1607	RAR
Cadmium	ND	0.000050	0.00025		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Chromium	ND	0.000023	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Cobalt	0.00012	0.000010	0.00025		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Copper	0.0018	0.00015	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Lead	ND	0.000057	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Manganese	0.011	0.000038	0.00025		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Molybdenum	0.16	0.000025	0.00025		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Nickel	0.0015	0.000015	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Selenium	0.0020	0.00025	0.0025		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Thallium	0.000063	0.000023	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Uranium	0.0090	0.000015	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR
Zinc	0.018	0.0023	0.040		mg/L	1	12/30/2025 1034	01/20/2026 1524	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-02

Client Sample ID: POC - 03
Collection Date/Time: 12/17/2025 1035
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	01/05/2026 0914	01/05/2026 1556	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	27	1.5	2.0		mg/L	2	12/17/2025 1600	12/28/2025 1612	SS
Fluoride	1.5	0.18	0.50		mg/L	1	12/17/2025 1600	12/17/2025 1926	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50		mg/L	1	12/17/2025 1600	12/17/2025 1926	SS
Nitrogen, Nitrite (As N)	0.073	0.014	0.10	E4	mg/L	1	12/17/2025 1600	12/17/2025 1926	SS
Sulfate	200	5.6	10		mg/L	2	12/17/2025 1600	12/28/2025 1612	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8, N4	mg/L	1	01/08/2026 1118	01/08/2026 1548	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50		mg/L	1	01/13/2026 1111	01/13/2026 1427	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	250	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Total (As CaCO3)	250	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	650	20	20		mg/L	1	12/23/2025 0856	12/30/2025 1338	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	12/31/2025 1230	12/31/2025 1359	RAR
pH-SM4500-H+ B									
pH (pH Units)	7.4			H5	-	1	12/26/2025 1537	12/26/2025 1632	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-02

Client Sample ID: POC - 03
Collection Date/Time: 12/17/2025 1035
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	21			H5	-	1	12/26/2025 1537	12/26/2025 1632	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0554	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	12/29/2025 1338	12/30/2025 0554	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0554	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0554	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/29/2025 1338	12/30/2025 0554	KP
Surr: 4-Bromofluorobenzene	*95*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 554*	*KP*
Surr: Dibromofluoromethane	*108*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 554*	*KP*
Surr: Toluene-d8	*99*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 554*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-03

Client Sample ID: POC - 02
Collection Date/Time: 12/17/2025 1159
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	3.6	0.58	1.1		mg/L	1	01/08/2026 1118	01/08/2026 1548	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	3.2	0.28	0.60		mg/L	1	12/17/2025 1600	12/17/2025 1950	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	12/28/2025 0946	01/04/2026 1627	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.023	0.000015	0.00050		mg/L	1	12/22/2025 0918	01/05/2026 1550	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	50	0.13	4.0		mg/L	1	12/28/2025 1345	01/14/2026 1122	RAR
Magnesium	13	0.10	3.0		mg/L	1	12/28/2025 1345	01/14/2026 1122	RAR
Potassium	0.70	0.14	5.0	E4	mg/L	1	12/28/2025 1345	01/11/2026 1702	RAR
Sodium	17	0.58	5.0		mg/L	1	12/28/2025 1345	01/11/2026 1702	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	12/30/2025 1034	01/20/2026 1619	RAR
Antimony	0.00093	0.000039	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Arsenic	0.0064	0.00010	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Barium	0.028	0.000029	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Beryllium	0.000096	0.000066	0.0013	E4	mg/L	5	12/30/2025 1034	01/20/2026 1619	RAR
Cadmium	ND	0.000050	0.00025		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Chromium	0.00018	0.000023	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Cobalt	0.00028	0.000010	0.00025		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Copper	0.0042	0.00015	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Lead	0.000068	0.000057	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Manganese	0.00078	0.000038	0.00025		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Molybdenum	0.10	0.000025	0.00025		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Nickel	0.0028	0.000015	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Selenium	0.0034	0.00025	0.0025		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Thallium	0.000052	0.000023	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Uranium	0.023	0.000015	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR
Zinc	0.0045	0.0023	0.040		mg/L	1	12/30/2025 1034	01/20/2026 1536	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-03

Client Sample ID: POC - 02
Collection Date/Time: 12/17/2025 1159
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	01/05/2026 0914	01/05/2026 1558	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	58	3.8	5.0		mg/L	5	12/17/2025 1600	12/28/2025 1650	SS
Fluoride	1.2	0.18	0.50		mg/L	1	12/17/2025 1600	12/17/2025 1950	SS
Nitrogen, Nitrate (As N)	3.2	0.27	0.50		mg/L	1	12/17/2025 1600	12/17/2025 1950	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	12/17/2025 1600	12/17/2025 1950	SS
Sulfate	720	56	100		mg/L	20	12/17/2025 1600	12/28/2025 1710	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.39	0.30	0.50	E4, N4	mg/L	1	01/08/2026 1118	01/08/2026 1548	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50		mg/L	1	01/13/2026 1111	01/13/2026 1427	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	310	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Alkalinity, Total (As CaCO3)	310	2.0	2.0		mg/L	1	12/28/2025 0955	12/28/2025 1436	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1600	20	20		mg/L	1	12/23/2025 0856	12/30/2025 1338	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	12/31/2025 1230	12/31/2025 1359	RAR
pH-SM4500-H+ B									
pH (pH Units)	7.1			H5	-	1	12/26/2025 1537	12/26/2025 1635	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-03

Client Sample ID: POC - 02
Collection Date/Time: 12/17/2025 1159
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	21			H5	-	1	12/26/2025 1537	12/26/2025 1635	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0635	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	12/29/2025 1338	12/30/2025 0635	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0635	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0635	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/29/2025 1338	12/30/2025 0635	KP
Surr: 4-Bromofluorobenzene	*99*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 635*	*KP*
Surr: Dibromofluoromethane	*109*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 635*	*KP*
Surr: Toluene-d8	*100*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 635*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-04

Client Sample ID: POC - 01
Collection Date/Time: 12/17/2025 1308
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	25	2.0	3.6		mg/L	5	01/08/2026 1118	01/08/2026 1548	SS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	23	1.4	2.6		mg/L	5	12/17/2025 1600	12/28/2025 1729	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	12/28/2025 0946	01/04/2026 1630	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.016	0.000015	0.00050		mg/L	1	12/22/2025 0918	01/05/2026 1553	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	89	0.13	4.0		mg/L	1	12/28/2025 1345	01/14/2026 1125	RAR
Magnesium	21	0.10	3.0		mg/L	1	12/28/2025 1345	01/14/2026 1125	RAR
Potassium	5.2	0.14	5.0		mg/L	1	12/28/2025 1345	01/11/2026 1705	RAR
Sodium	140	0.58	5.0		mg/L	1	12/28/2025 1345	01/11/2026 1705	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	12/30/2025 1034	01/20/2026 1613	RAR
Antimony	0.00035	0.000039	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Arsenic	0.0042	0.00010	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Barium	0.029	0.000029	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Beryllium	0.00012	0.000066	0.0013	E4	mg/L	5	12/30/2025 1034	01/20/2026 1613	RAR
Cadmium	ND	0.000050	0.00025		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Chromium	0.00029	0.000023	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Cobalt	0.00036	0.000010	0.00025		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Copper	0.00093	0.00015	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Lead	ND	0.000057	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Manganese	0.00039	0.000038	0.00025		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Molybdenum	0.075	0.000025	0.00025	M2	mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Nickel	0.0025	0.000015	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Selenium	0.013	0.00025	0.0025		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Thallium	0.000060	0.000023	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Uranium	0.016	0.000015	0.00050		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR
Zinc	0.0027	0.0023	0.040		mg/L	1	12/30/2025 1034	01/20/2026 1530	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-04

Client Sample ID: POC - 01
Collection Date/Time: 12/17/2025 1308
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010		mg/L	1	01/08/2026 0842	01/08/2026 1501	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	42	3.8	5.0		mg/L	5	12/17/2025 1600	12/28/2025 1729	SS
Fluoride	0.99	0.18	0.50		mg/L	1	12/17/2025 1600	12/18/2025 0522	SS
Nitrogen, Nitrate (As N)	23	1.3	2.5	H2	mg/L	5	12/17/2025 1600	12/28/2025 1729	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	12/17/2025 1600	12/18/2025 0522	SS
Sulfate	680	28	50		mg/L	10	12/17/2025 1600	12/28/2025 1748	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	1.6	0.60	1.0	N4	mg/L	2	01/08/2026 1118	01/08/2026 1548	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50		mg/L	1	01/13/2026 1111	01/13/2026 1427	RAR
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190	2.0	2.0		mg/L	1	12/29/2025 0853	12/29/2025 1607	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	12/29/2025 0853	12/29/2025 1607	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	12/29/2025 0853	12/29/2025 1607	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	12/29/2025 0853	12/29/2025 1607	RAR
Alkalinity, Total (As CaCO3)	190	2.0	2.0		mg/L	1	12/29/2025 0853	12/29/2025 1607	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1300	20	20		mg/L	1	12/23/2025 0856	12/30/2025 1338	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	12/31/2025 1230	12/31/2025 1359	RAR
pH-SM4500-H+ B									
pH (pH Units)	7.3			H5	-	1	12/26/2025 1537	12/26/2025 1637	IM
Temperature (°C)	21			H5	-	1	12/26/2025 1537	12/26/2025 1637	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-04

Client Sample ID: POC - 01
Collection Date/Time: 12/17/2025 1308
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0715	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	12/29/2025 1338	12/30/2025 0715	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0715	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0715	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/29/2025 1338	12/30/2025 0715	KP
Surr: 4-Bromofluorobenzene	*95*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 715*	*KP*
Surr: Dibromofluoromethane	*106*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 715*	*KP*
Surr: Toluene-d8	*99*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 715*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Lab Sample ID: 25L0522-05

Client Sample ID: Trip Blank
Collection Date/Time: 12/17/2025 0000
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0755	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	12/29/2025 1338	12/30/2025 0755	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0755	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	12/29/2025 1338	12/30/2025 0755	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	12/29/2025 1338	12/30/2025 0755	KP
Surr: 4-Bromofluorobenzene	*99*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 755*	*KP*
Surr: Dibromofluoromethane	*110*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 755*	*KP*
Surr: Toluene-d8	*105*	*70-130*			*%REC*	*1*	*12/29/2025 1338*	*12/30/2025 755*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Date Received: 12/17/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512248 - E200.8 (5.4)										
Blank (2512248-BLK1)				Prepared: 12/22/2025 Analyzed: 01/05/2026						
Uranium	ND	0.00050	mg/L							
LCS (2512248-BS1)				Prepared: 12/22/2025 Analyzed: 01/05/2026						
Uranium	0.053	0.00050	mg/L	0.05000		106	85-115			
LCS Dup (2512248-BSD1)				Prepared: 12/22/2025 Analyzed: 01/05/2026						
Uranium	0.053	0.00050	mg/L	0.05000		107	85-115	1	20	
Matrix Spike (2512248-MS1)		**Source: 25L0271-01**		Prepared: 12/22/2025 Analyzed: 01/05/2026						
Uranium	0.12	0.00050	mg/L	0.05000	0.049	136	70-130			M1
Matrix Spike (2512248-MS2)		**Source: 25L0347-01**		Prepared: 12/22/2025 Analyzed: 01/05/2026						
Uranium	0.075	0.00050	mg/L	0.05000	0.0028	144	70-130			M1
Batch 2512272 - E200.7 (4.4)										
Blank (2512272-BLK1)				Prepared: 12/31/2025 Analyzed: 01/04/2026						
Iron	ND	0.30	mg/L							
LCS (2512272-BS1)				Prepared: 12/31/2025 Analyzed: 01/04/2026						
Iron	0.99	0.30	mg/L	1.000		99	85-115			
LCS Dup (2512272-BSD1)				Prepared: 12/31/2025 Analyzed: 01/04/2026						
Iron	1.0	0.30	mg/L	1.000		104	85-115	5	20	
Matrix Spike (2512272-MS1)		**Source: 25L0433-01**		Prepared: 12/31/2025 Analyzed: 01/04/2026						
Iron	3.2	0.30	mg/L	1.000	2.5	69	70-130			M2
Matrix Spike (2512272-MS2)		**Source: 25L0435-01**		Prepared: 12/31/2025 Analyzed: 01/04/2026						
Iron	0.99	0.30	mg/L	1.000	0.022	97	70-130			
Batch 2601010 - EPA 200.8 (5.4)										
Blank (2601010-BLK1)				Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	0.000016	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Date Received: 12/17/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601010 - EPA 200.8 (5.4)										
LCS (2601010-BS1)				Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	0.099	0.040	mg/L	0.1000		99	85-115			
Antimony	0.051	0.00050	mg/L	0.05000		101	85-115			
Arsenic	0.049	0.00050	mg/L	0.05000		98	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.049	0.00025	mg/L	0.05000		98	85-115			
Cadmium	0.050	0.00025	mg/L	0.05000		100	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115			
Cobalt	0.049	0.00025	mg/L	0.05000		99	85-115			
Copper	0.050	0.00050	mg/L	0.05000		99	85-115			
Lead	0.046	0.00050	mg/L	0.05000		91	85-115			
Manganese	0.050	0.00025	mg/L	0.05000		99	85-115			
Molybdenum	0.050	0.00025	mg/L	0.05000		100	85-115			
Nickel	0.049	0.00050	mg/L	0.05000		99	85-115			
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115			
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115			
Zinc	0.10	0.040	mg/L	0.1000		103	85-115			
LCS Dup (2601010-BSD1)				Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	0.10	0.040	mg/L	0.1000		101	85-115	2	20	
Antimony	0.052	0.00050	mg/L	0.05000		104	85-115	3	20	
Arsenic	0.051	0.00050	mg/L	0.05000		101	85-115	3	20	
Barium	0.054	0.00050	mg/L	0.05000		107	85-115	3	20	
Beryllium	0.049	0.00025	mg/L	0.05000		97	85-115	1	20	
Cadmium	0.051	0.00025	mg/L	0.05000		103	85-115	3	20	
Chromium	0.051	0.00050	mg/L	0.05000		102	85-115	2	20	
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115	2	20	
Copper	0.051	0.00050	mg/L	0.05000		102	85-115	3	20	
Lead	0.047	0.00050	mg/L	0.05000		93	85-115	3	20	
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115	2	20	
Molybdenum	0.051	0.00025	mg/L	0.05000		103	85-115	3	20	
Nickel	0.051	0.00050	mg/L	0.05000		102	85-115	3	20	
Selenium	0.051	0.0025	mg/L	0.05000		102	85-115	2	20	
Thallium	0.051	0.00050	mg/L	0.05000		101	85-115	3	20	
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115	3	20	
Zinc	0.10	0.040	mg/L	0.1000		103	85-115	0.7	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601010 - EPA 200.8 (5.4)										
Matrix Spike (2601010-MS1)		**Source: 25L0400-03**		Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	0.11	0.040	mg/L	0.1000	ND	111	70-130			
Antimony	0.068	0.00050	mg/L	0.05000	0.00012	135	70-130			M1
Arsenic	0.069	0.00050	mg/L	0.05000	0.0011	136	70-130			M1
Barium	0.081	0.00050	mg/L	0.05000	0.011	139	70-130			M1
Beryllium	0.059	0.00025	mg/L	0.05000	0.000042	118	70-130			
Cadmium	0.061	0.00025	mg/L	0.05000	ND	122	70-130			
Chromium	0.062	0.00050	mg/L	0.05000	0.00064	124	70-130			
Cobalt	0.060	0.00025	mg/L	0.05000	0.00019	119	70-130			
Copper	0.060	0.00050	mg/L	0.05000	0.0046	110	70-130			
Lead	0.060	0.00050	mg/L	0.05000	ND	121	70-130			
Manganese	0.062	0.00025	mg/L	0.05000	0.00054	123	70-130			
Molybdenum	0.085	0.00025	mg/L	0.05000	0.018	134	70-130			M1
Nickel	0.059	0.00050	mg/L	0.05000	0.0018	114	70-130			
Selenium	0.075	0.0025	mg/L	0.05000	0.0062	137	70-130			M1
Thallium	0.065	0.00050	mg/L	0.05000	0.000035	129	70-130			
Uranium	0.41	0.00050	mg/L	0.05000	0.34	145	70-130			M1
Zinc	0.11	0.040	mg/L	0.1000	ND	110	70-130			
Matrix Spike (2601010-MS2)		**Source: 25L0400-04**		Prepared: 12/18/2025 Analyzed: 01/09/2026						
Aluminum	0.10	0.040	mg/L	0.1000	ND	102	70-130			
Antimony	0.057	0.00050	mg/L	0.05000	ND	115	70-130			
Arsenic	0.058	0.00050	mg/L	0.05000	0.00031	115	70-130			
Barium	0.095	0.00050	mg/L	0.05000	0.038	114	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.000013	104	70-130			
Cadmium	0.054	0.00025	mg/L	0.05000	ND	107	70-130			
Chromium	0.053	0.00050	mg/L	0.05000	0.00044	106	70-130			
Cobalt	0.050	0.00025	mg/L	0.05000	0.00011	101	70-130			
Copper	0.049	0.00050	mg/L	0.05000	0.0012	95	70-130			
Lead	0.050	0.00050	mg/L	0.05000	ND	100	70-130			
Manganese	0.053	0.00025	mg/L	0.05000	0.00035	105	70-130			
Molybdenum	0.057	0.00025	mg/L	0.05000	0.0018	111	70-130			
Nickel	0.050	0.00050	mg/L	0.05000	0.0011	97	70-130			
Selenium	0.062	0.0025	mg/L	0.05000	0.0019	121	70-130			
Thallium	0.055	0.00050	mg/L	0.05000	ND	109	70-130			
Uranium	0.10	0.00050	mg/L	0.05000	0.043	120	70-130			
Zinc	0.11	0.040	mg/L	0.1000	ND	107	70-130			
Batch 2601011 - EPA 200.8 (5.4)										

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Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601011 - EPA 200.8 (5.4)										
Blank (2601011-BLK1)				Prepared: 12/30/2025 Analyzed: 01/20/2026						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	0.000014	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.00014	0.00025	mg/L							
Molybdenum	0.000036	0.00025	mg/L							
Nickel	0.000035	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	0.000017	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2601011-BS1)				Prepared: 12/30/2025 Analyzed: 01/20/2026						
Aluminum	0.10	0.040	mg/L	0.1000		101	85-115			
Antimony	0.051	0.00050	mg/L	0.05000		102	85-115			
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.051	0.00025	mg/L	0.05000		102	85-115			
Cadmium	0.051	0.00025	mg/L	0.05000		102	85-115			
Chromium	0.051	0.00050	mg/L	0.05000		102	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		100	85-115			
Copper	0.050	0.00050	mg/L	0.05000		100	85-115			
Lead	0.046	0.00050	mg/L	0.05000		92	85-115			
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115			
Molybdenum	0.050	0.00025	mg/L	0.05000		100	85-115			
Nickel	0.049	0.00050	mg/L	0.05000		98	85-115			
Selenium	0.051	0.0025	mg/L	0.05000		101	85-115			
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115			
Uranium	0.052	0.00050	mg/L	0.05000		104	85-115			
Zinc	0.10	0.040	mg/L	0.1000		101	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601011 - EPA 200.8 (5.4)										
LCS Dup (2601011-BSD1)				Prepared: 12/30/2025 Analyzed: 01/20/2026						
Aluminum	0.10	0.040	mg/L	0.1000		100	85-115	1	20	
Antimony	0.051	0.00050	mg/L	0.05000		102	85-115	0.03	20	
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115	0.5	20	
Barium	0.052	0.00050	mg/L	0.05000		105	85-115	1	20	
Beryllium	0.050	0.00025	mg/L	0.05000		101	85-115	2	20	
Cadmium	0.051	0.00025	mg/L	0.05000		101	85-115	0.3	20	
Chromium	0.051	0.00050	mg/L	0.05000		102	85-115	0.1	20	
Cobalt	0.049	0.00025	mg/L	0.05000		99	85-115	1	20	
Copper	0.050	0.00050	mg/L	0.05000		100	85-115	0.05	20	
Lead	0.046	0.00050	mg/L	0.05000		92	85-115	0.006	20	
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115	0.2	20	
Molybdenum	0.050	0.00025	mg/L	0.05000		100	85-115	0.4	20	
Nickel	0.049	0.00050	mg/L	0.05000		98	85-115	0.6	20	
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115	1	20	
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115	0.01	20	
Uranium	0.052	0.00050	mg/L	0.05000		105	85-115	0.5	20	
Zinc	0.10	0.040	mg/L	0.1000		102	85-115	0.1	20	
Matrix Spike (2601011-MS1)		**Source: 25L0522-02**		Prepared: 12/30/2025 Analyzed: 01/20/2026						
Aluminum	0.10	0.040	mg/L	0.1000	ND	101	70-130			
Antimony	0.052	0.00050	mg/L	0.05000	0.00057	104	70-130			
Arsenic	0.061	0.00050	mg/L	0.05000	0.0078	106	70-130			
Barium	0.13	0.00050	mg/L	0.05000	0.075	104	70-130			
Beryllium	0.050	0.00025	mg/L	0.05000	0.000036	100	70-130			
Cadmium	0.048	0.00025	mg/L	0.05000	ND	97	70-130			
Chromium	0.050	0.00050	mg/L	0.05000	ND	100	70-130			
Cobalt	0.047	0.00025	mg/L	0.05000	0.00012	93	70-130			
Copper	0.045	0.00050	mg/L	0.05000	0.0018	86	70-130			
Lead	0.047	0.00050	mg/L	0.05000	ND	94	70-130			
Manganese	0.060	0.00025	mg/L	0.05000	0.011	99	70-130			
Molybdenum	0.21	0.00025	mg/L	0.05000	0.16	101	70-130			
Nickel	0.045	0.00050	mg/L	0.05000	0.0015	87	70-130			
Selenium	0.057	0.0025	mg/L	0.05000	0.0020	110	70-130			
Thallium	0.052	0.00050	mg/L	0.05000	0.000063	104	70-130			
Uranium	0.065	0.00050	mg/L	0.05000	0.0090	111	70-130			
Zinc	0.11	0.040	mg/L	0.1000	0.018	92	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601011 - EPA 200.8 (5.4)										
Matrix Spike (2601011-MS2)		**Source: 25L0522-03**		Prepared: 12/30/2025 Analyzed: 01/20/2026						
Aluminum	0.095	0.040	mg/L	0.1000	ND	95	70-130			
Antimony	0.052	0.00050	mg/L	0.05000	0.00093	101	70-130			
Arsenic	0.057	0.00050	mg/L	0.05000	0.0064	102	70-130			
Barium	0.083	0.00050	mg/L	0.05000	0.028	109	70-130			
Beryllium	0.048	0.00025	mg/L	0.05000	0.000096	95	70-130			
Cadmium	0.046	0.00025	mg/L	0.05000	ND	92	70-130			
Chromium	0.051	0.00050	mg/L	0.05000	0.00018	101	70-130			
Cobalt	0.047	0.00025	mg/L	0.05000	0.00028	93	70-130			
Copper	0.042	0.00050	mg/L	0.05000	0.0042	76	70-130			
Lead	0.048	0.00050	mg/L	0.05000	0.000068	95	70-130			
Manganese	0.050	0.00025	mg/L	0.05000	0.00078	99	70-130			
Molybdenum	0.13	0.00025	mg/L	0.05000	0.10	48	70-130			M2
Nickel	0.046	0.00050	mg/L	0.05000	0.0028	85	70-130			
Selenium	0.068	0.0025	mg/L	0.05000	0.0034	128	70-130			
Thallium	0.054	0.00050	mg/L	0.05000	0.000052	107	70-130			
Uranium	0.077	0.00050	mg/L	0.05000	0.023	108	70-130			
Zinc	0.086	0.040	mg/L	0.1000	0.0045	82	70-130			
Batch 2601015 - EPA 245.1										
Blank (2601015-BLK1)				Prepared & Analyzed: 01/05/2026						
Mercury	ND	0.0010	mg/L							
LCS (2601015-BS1)				Prepared & Analyzed: 01/05/2026						
Mercury	0.0051	0.0010	mg/L	0.005000		102	85-115			
LCS Dup (2601015-BSD1)				Prepared & Analyzed: 01/05/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		101	85-115	2	20	
Matrix Spike (2601015-MS1)		**Source: 25L0397-01**		Prepared & Analyzed: 01/05/2026						
Mercury	0.0050	0.0010	mg/L	0.005000	ND	100	70-130			
Matrix Spike (2601015-MS2)		**Source: 25L0397-02**		Prepared & Analyzed: 01/05/2026						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	98	70-130			
Matrix Spike Dup (2601015-MSD1)		**Source: 25L0397-01**		Prepared & Analyzed: 01/05/2026						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	98	70-130	1	20	
Matrix Spike Dup (2601015-MSD2)		**Source: 25L0397-02**		Prepared & Analyzed: 01/05/2026						
Mercury	0.0048	0.0010	mg/L	0.005000	ND	97	70-130	2	20	
Batch 2601051 - EPA 245.1										
Blank (2601051-BLK1)				Prepared & Analyzed: 01/08/2026						
Mercury	ND	0.0010	mg/L							
LCS (2601051-BS1)				Prepared & Analyzed: 01/08/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		101	85-115			
LCS Dup (2601051-BSD1)				Prepared & Analyzed: 01/08/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		100	85-115	1	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601051 - EPA 245.1										
Matrix Spike (2601051-MS1)		**Source: 25L0502-02**		Prepared & Analyzed: 01/08/2026						
Mercury	0.0050	0.0010	mg/L	0.005000	ND	100	70-130			
Matrix Spike (2601051-MS2)		**Source: 25L0502-03**		Prepared & Analyzed: 01/08/2026						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	98	70-130			
Matrix Spike Dup (2601051-MSD1)		**Source: 25L0502-02**		Prepared & Analyzed: 01/08/2026						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	99	70-130	1	20	
Matrix Spike Dup (2601051-MSD2)		**Source: 25L0502-03**		Prepared & Analyzed: 01/08/2026						
Mercury	0.0050	0.0010	mg/L	0.005000	ND	99	70-130	0.9	20	
Batch 2601079 - EPA 200.7 (4.4)										
Blank (2601079-BLK1)				Prepared: 12/30/2025 Analyzed: 01/14/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.1	5.0	mg/L							
LCS (2601079-BS1)				Prepared: 12/30/2025 Analyzed: 01/14/2026						
Calcium	10	4.0	mg/L	10.00		104	85-115			
Magnesium	10	3.0	mg/L	10.00		102	85-115			
Potassium	9.4	5.0	mg/L	10.00		94	85-115			
Sodium	9.6	5.0	mg/L	10.00		96	85-115			
LCS Dup (2601079-BSD1)				Prepared: 12/30/2025 Analyzed: 01/14/2026						
Calcium	8.8	4.0	mg/L	10.00		88	85-115	16	20	
Magnesium	8.7	3.0	mg/L	10.00		87	85-115	16	20	
Potassium	9.4	5.0	mg/L	10.00		94	85-115	0.8	20	
Sodium	9.7	5.0	mg/L	10.00		97	85-115	1	20	
Matrix Spike (2601079-MS1)		**Source: 25L0502-02**		Prepared: 12/30/2025 Analyzed: 01/14/2026						
Calcium	100	4.0	mg/L	10.00	93	117	70-130			
Magnesium	26	3.0	mg/L	10.00	21	45	70-130			
Potassium	6.1	5.0	mg/L	10.00	5.3	8	70-130			
Sodium	160	5.0	mg/L	10.00	150	119	70-130			
Matrix Spike (2601079-MS2)		**Source: 25L0502-03**		Prepared: 12/30/2025 Analyzed: 01/14/2026						
Calcium	140	4.0	mg/L	10.00	76	649	70-130			
Magnesium	31	3.0	mg/L	10.00	18	134	70-130			
Potassium	6.5	5.0	mg/L	10.00	7.5	NR	70-130			
Sodium	180	5.0	mg/L	10.00	200	NR	70-130			

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Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512209 - SM2540 C										
Duplicate (2512209-DUP1)		**Source: 25L0522-01**		Prepared: 12/23/2025 Analyzed: 12/30/2025						
Total Dissolved Solids (Residue, Filterable)	450	20	mg/L		450			0.4	5	
Duplicate (2512209-DUP2)		**Source: 25L0542-02**		Prepared: 12/23/2025 Analyzed: 12/30/2025						
Total Dissolved Solids (Residue, Filterable)	910	20	mg/L		910			0.2	5	
Batch 2512238 - SM4500-H+ B										
Duplicate (2512238-DUP1)		**Source: 25L0490-05**		Prepared & Analyzed: 12/26/2025						
pH (pH Units)	7.6		-		7.6			0.3	200	H5
Temperature (°C)	22		-		22			0.9	200	H5
Duplicate (2512238-DUP2)		**Source: 25L0522-04**		Prepared & Analyzed: 12/26/2025						
pH (pH Units)	7.3		-		7.3			0.1	200	H5
Temperature (°C)	22		-		21			0.5	200	H5
Batch 2512241 - SM2320B										
Blank (2512241-BLK1)				Prepared & Analyzed: 12/28/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2512241-BS1)				Prepared & Analyzed: 12/28/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		99	90-110			
LCS Dup (2512241-BSD1)				Prepared & Analyzed: 12/28/2025						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		101	90-110	2	10	
Matrix Spike (2512241-MS1)		**Source: 25L0490-04**		Prepared & Analyzed: 12/28/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	24	96	70-130			
Matrix Spike Dup (2512241-MSD1)		**Source: 25L0490-04**		Prepared & Analyzed: 12/28/2025						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	24	94	70-130	2	10	
Batch 2512242 - SM2320B										
Blank (2512242-BLK1)				Prepared & Analyzed: 12/29/2025						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2512242-BS1)				Prepared & Analyzed: 12/29/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		95	90-110			
LCS Dup (2512242-BSD1)				Prepared & Analyzed: 12/29/2025						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110	2	10	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512242 - SM2320B										
Matrix Spike (2512242-MS1)		**Source: 25L0599-01**		Prepared & Analyzed: 12/29/2025						
Alkalinity, Total (As CaCO3)	360	2.0	mg/L	250.0	120	94	70-130			
Matrix Spike Dup (2512242-MSD1)		**Source: 25L0599-01**		Prepared & Analyzed: 12/29/2025						
Alkalinity, Total (As CaCO3)	360	2.0	mg/L	250.0	120	94	70-130	0.6	10	
Batch 2512275 - SM4500-CN BE										
Blank (2512275-BLK1)				Prepared & Analyzed: 12/31/2025						
Cyanide	ND	0.10	mg/L							
LCS (2512275-BS1)				Prepared & Analyzed: 12/31/2025						
Cyanide	1.9	0.10	mg/L	2.000		93	85-115			
LCS Dup (2512275-BSD1)				Prepared & Analyzed: 12/31/2025						
Cyanide	1.9	0.10	mg/L	2.000		93	85-115	0.2	15	
Matrix Spike (2512275-MS1)		**Source: 25L0640-01**		Prepared & Analyzed: 12/31/2025						
Cyanide	0.69	0.10	mg/L	1.000	ND	69	80-120			M1
Matrix Spike Dup (2512275-MSD1)		**Source: 25L0640-01**		Prepared & Analyzed: 12/31/2025						
Cyanide	0.77	0.10	mg/L	1.000	ND	77	80-120	11	15	M1
Batch 2601056 - EPA 351.2										
Blank (2601056-BLK1)				Prepared & Analyzed: 01/08/2026						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2601056-BS1)				Prepared & Analyzed: 01/08/2026						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000		107	80-120			
LCS Dup (2601056-BSD1)				Prepared & Analyzed: 01/08/2026						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000		108	80-120	0.7	20	
Matrix Spike (2601056-MS1)		**Source: 25L0111-02**		Prepared & Analyzed: 01/08/2026						
Nitrogen, Total Kjeldahl	6.4	0.50	mg/L	5.000	0.85	112	80-120			
Matrix Spike (2601056-MS2)		**Source: 25L0548-02**		Prepared & Analyzed: 01/08/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120			
Matrix Spike Dup (2601056-MSD1)		**Source: 25L0111-02**		Prepared & Analyzed: 01/08/2026						
Nitrogen, Total Kjeldahl	6.2	0.50	mg/L	5.000	0.85	108	80-120	3	20	
Matrix Spike Dup (2601056-MSD2)		**Source: 25L0548-02**		Prepared & Analyzed: 01/08/2026						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000	ND	108	80-120	3	20	
Batch 2601093 - SM 4500-NH3 B, F										
Blank (2601093-BLK1)				Prepared & Analyzed: 01/13/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2601093-BS1)				Prepared & Analyzed: 01/13/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		103	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Date Received: 12/17/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601093 - SM 4500-NH3 B, F										
LCS Dup (2601093-BSD1)				Prepared & Analyzed: 01/13/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		102	85-115	0.4	10	
Matrix Spike (2601093-MS1)	**Source: 25L0527-01**			Prepared & Analyzed: 01/13/2026						
Nitrogen, Ammonia (As N)	4.0	0.50	mg/L	2.500	1.5	98	80-120			
Matrix Spike Dup (2601093-MSD1)	**Source: 25L0527-01**			Prepared & Analyzed: 01/13/2026						
Nitrogen, Ammonia (As N)	3.9	0.50	mg/L	2.500	1.5	97	80-120	0.8	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Date Received: 12/17/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512251 - SW8260B										
Blank (2512251-BLK1)				Prepared: 12/29/2025 Analyzed: 12/30/2025						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*25.5*		*ug/L*	*25.00*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*28.7*		*ug/L*	*25.00*		*115*	*70-130*			
Surrogate: Toluene-d8	*26.1*		*ug/L*	*25.00*		*104*	*70-130*			
LCS (2512251-BS1)				Prepared & Analyzed: 12/29/2025						
1,1-Dichloroethene	26		ug/L	25.00		104	70-130			
Benzene	28		ug/L	25.00		112	70-130			
Chlorobenzene	26		ug/L	25.00		103	70-130			
Toluene	26		ug/L	25.00		104	70-130			
Trichloroethene	24		ug/L	25.00		97	70-130			
Surrogate: 4-Bromofluorobenzene	*23.6*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Dibromofluoromethane	*27.3*		*ug/L*	*25.00*		*109*	*70-130*			
Surrogate: Toluene-d8	*25.0*		*ug/L*	*25.00*		*100*	*70-130*			
LCS Dup (2512251-BSD1)				Prepared & Analyzed: 12/29/2025						
1,1-Dichloroethene	26		ug/L	25.00		104	70-130	0.6	30	
Benzene	28		ug/L	25.00		113	70-130	1	30	
Chlorobenzene	26		ug/L	25.00		103	70-130	0.3	30	
Toluene	26		ug/L	25.00		104	70-130	0	30	
Trichloroethene	24		ug/L	25.00		96	70-130	0.6	30	
Surrogate: 4-Bromofluorobenzene	*24.8*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Dibromofluoromethane	*27.6*		*ug/L*	*25.00*		*110*	*70-130*			
Surrogate: Toluene-d8	*25.5*		*ug/L*	*25.00*		*102*	*70-130*			
Matrix Spike (2512251-MS1)	**Source: 25L0568-11**			Prepared: 12/29/2025 Analyzed: 12/30/2025						
1,1-Dichloroethene	26		ug/L	25.00	0.0	103	70-130			
Benzene	28		ug/L	25.00	0.0	112	70-130			
Chlorobenzene	26		ug/L	25.00	0.0	103	70-130			
Toluene	26		ug/L	25.00	0.0	106	70-130			
Trichloroethene	24		ug/L	25.00	0.0	97	70-130			
Surrogate: 4-Bromofluorobenzene	*23.9*		*ug/L*	*25.00*		*95*	*70-130*			
Surrogate: Dibromofluoromethane	*26.1*		*ug/L*	*25.00*		*104*	*70-130*			
Surrogate: Toluene-d8	*24.5*		*ug/L*	*25.00*		*98*	*70-130*			
Matrix Spike (2512251-MS2)	**Source: 25L0522-04**			Prepared: 12/29/2025 Analyzed: 12/30/2025						
1,1-Dichloroethene	24		ug/L	25.00	0.010	98	70-130			
Benzene	27		ug/L	25.00	0.0	108	70-130			
Chlorobenzene	25		ug/L	25.00	0.0	101	70-130			
Toluene	25		ug/L	25.00	0.030	101	70-130			
Trichloroethene	24		ug/L	25.00	0.0	95	70-130			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Dibromofluoromethane	*27.3*		*ug/L*	*25.00*		*109*	*70-130*			
Surrogate: Toluene-d8	*24.8*		*ug/L*	*25.00*		*99*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Date Received: 12/17/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512251 - SW8260B										
Matrix Spike Dup (2512251-MSD1)	**Source: 25L0568-11**			Prepared: 12/29/2025 Analyzed: 12/30/2025						
1,1-Dichloroethene	26		ug/L	25.00	0.0	104	70-130	1	30	
Benzene	28		ug/L	25.00	0.0	111	70-130	0.8	30	
Chlorobenzene	26		ug/L	25.00	0.0	104	70-130	2	30	
Toluene	27		ug/L	25.00	0.0	107	70-130	1	30	
Trichloroethene	24		ug/L	25.00	0.0	96	70-130	1	30	
Surrogate: 4-Bromofluorobenzene	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Dibromofluoromethane	*26.4*		*ug/L*	*25.00*		*106*	*70-130*			
Surrogate: Toluene-d8	*25.3*		*ug/L*	*25.00*		*101*	*70-130*			
Matrix Spike Dup (2512251-MSD2)	**Source: 25L0522-04**			Prepared: 12/29/2025 Analyzed: 12/30/2025						
1,1-Dichloroethene	24		ug/L	25.00	0.010	95	70-130	3	30	
Benzene	27		ug/L	25.00	0.0	106	70-130	2	30	
Chlorobenzene	25		ug/L	25.00	0.0	100	70-130	0.7	30	
Toluene	25		ug/L	25.00	0.030	100	70-130	0.7	30	
Trichloroethene	24		ug/L	25.00	0.0	94	70-130	1	30	
Surrogate: 4-Bromofluorobenzene	*24.1*		*ug/L*	*25.00*		*96*	*70-130*			
Surrogate: Dibromofluoromethane	*26.1*		*ug/L*	*25.00*		*104*	*70-130*			
Surrogate: Toluene-d8	*23.9*		*ug/L*	*25.00*		*96*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 25L0522
Date Received: 12/17/2025

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2512189 - EPA 300.0 (2.1)										
Blank (2512189-BLK1)				Prepared & Analyzed: 12/17/2025						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2512189-BS1)				Prepared & Analyzed: 12/17/2025						
Chloride	11	1.0	mg/L	12.50		92	90-110			
Fluoride	1.9	0.50	mg/L	2.000		96	90-110			
Nitrogen, Nitrate (As N)	4.7	0.50	mg/L	5.000		94	90-110			
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500		94	90-110			
Sulfate	13	5.0	mg/L	12.50		100	90-110			
LCS Dup (2512189-BSD1)				Prepared & Analyzed: 12/17/2025						
Chloride	11	1.0	mg/L	12.50		92	90-110	0.2	10	
Fluoride	1.9	0.50	mg/L	2.000		96	90-110	0.03	10	
Nitrogen, Nitrate (As N)	4.7	0.50	mg/L	5.000		94	90-110	0.2	10	
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500		94	90-110	0.1	10	
Sulfate	12	5.0	mg/L	12.50		100	90-110	0.2	10	
Matrix Spike (2512189-MS1)		**Source: 25L0528-01**		Prepared: 12/19/2025 Analyzed: 12/28/2025						
Chloride	22	1.0	mg/L	12.50	7.3	116	80-120			R4
Fluoride	2.3	0.50	mg/L	2.000	0.39	96	80-120			R4
Nitrogen, Nitrate (As N)	6.9	0.50	mg/L	5.000	1.1	115	80-120			R4
Nitrogen, Nitrite (As N)	2.7	0.10	mg/L	2.500	ND	110	80-120			R4
Sulfate	38	5.0	mg/L	12.50	26	94	80-120			
Matrix Spike (2512189-MS2)		**Source: 25L0522-01**		Prepared: 12/19/2025 Analyzed: 12/28/2025						
Chloride	56	2.0	mg/L	25.00	26	117	80-120			
Fluoride	6.5	1.0	mg/L	4.000	2.6	97	80-120			
Nitrogen, Nitrate (As N)	12	1.0	mg/L	10.00	ND	119	80-120			
Nitrogen, Nitrite (As N)	5.6	0.20	mg/L	5.000	ND	112	80-120			
Sulfate	120	10	mg/L	25.00	99	85	80-120			
Matrix Spike Dup (2512189-MSD1)		**Source: 25L0528-01**		Prepared: 12/19/2025 Analyzed: 12/28/2025						
Chloride	20	1.0	mg/L	12.50	7.3	100	80-120	10	10	R4
Fluoride	2.0	0.50	mg/L	2.000	0.39	82	80-120	13	10	R4
Nitrogen, Nitrate (As N)	6.0	0.50	mg/L	5.000	1.1	99	80-120	13	10	R4
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	94	80-120	15	10	R4
Sulfate	36	5.0	mg/L	12.50	26	80	80-120	5	10	
Matrix Spike Dup (2512189-MSD2)		**Source: 25L0522-01**		Prepared: 12/19/2025 Analyzed: 12/28/2025						
Chloride	51	2.0	mg/L	25.00	26	97	80-120	10	10	
Fluoride	5.8	1.0	mg/L	4.000	2.6	79	80-120	12	10	M2, R13
Nitrogen, Nitrate (As N)	9.9	1.0	mg/L	10.00	ND	99	80-120	19	10	R4
Nitrogen, Nitrite (As N)	4.7	0.20	mg/L	5.000	ND	93	80-120	18	10	R4
Sulfate	120	10	mg/L	25.00	99	65	80-120	4	10	M2

TURNER LABORATORIES INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE _____ PAGE _____ OF _____

PROJECT NAME _____ # _____

CONTACT NAME _____

COMPANY NAME _____

ADDRESS _____

ZIP _____ PHONE _____ EMAIL _____

SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

Base Neutrals ☐ 625/8270 ☐ Acids ☐ Volatile Organics ☐ 624 ☐ 524.2 ☐ 8260 ☐ THMS ☐ HAA5 ☐ Chloride ☐ Sulfate ☐ Resistivity ☐ NO3 ☐ NO2 ☐ TKN ☐ 1664 ☐ TPH ☐ Oil & Grease ☐ TCLP Analysis ☐ VOA ☐ Semi-VOA ☐ Pest ☐ Metals ☐ TCLP ☐ Dissolved ☐ Total ☐ RCRA8 ☐ Total ☐ Cyanide ☐ Amen. ☐ WAD ☐ SDWA INORGANICS PRIMARY ☐ SECONDARY ☐ MRN ☐ Coliform ☐ Fecal ☐ PH ☐ Cl2 ☐ Turb ☐ COD ☐ TSS ☐ BOD ☐

1. RELINQUISHED BY:	2. RECEIVED BY:	TURNAROUND REQUIREMENTS:	REPORT REQUIREMENTS:	INVOICE INFORMATION:	SAMPLE RECEIPT:
Signature	Signature	____ Standard (approx. 10 days)*	____ I. Routine Report	Account ____ Y ____ N	Total Containers _____
Printed Name	Printed Name	____ Next Day ____ 2 Day ____ 5 Day*	____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)	P.O. # _____	Temperature _____
Firm	Firm	____ Email Preliminary Results	____ III. Data Validation Report (Includes All Raw Data) Add 10% to Invoice	Bill to: _____	☐ Wet Ice ☐ Ambient ☐ Blue Ice
Date/Time	Date/Time	* Working Days			IR #

3. RELINQUISHED BY:	4. RECEIVED BY:	* LEGEND SAMPLE MATRIX			
Signature	Signature	DW = DRINKING WATER	Compliance Analysis: ☐ Yes ☐ No	Custody Seals ☐	Preservation Confirmation ☐
Printed Name	Printed Name	GW = GROUNDWATER	CMDP Deliverable: ☐ Yes ☐ No	Container Intact ☐	Appropriate Head Space ☐
Firm	TURNER LABORATORIES, INC.	SD = SOLID	Submit To CMDP: ☐ Yes ☐ No	COC / Labels Agree ☐	Received Within Hold Time ☐
Date/Time	Firm	SG = SLUDGE	SPECIAL INSTRUCTIONS/COMMENTS:		
	Date/Time	SL = SOIL			
		ST = STORMWATER			
		WW = WASTEWATER			

Parameters for Ambient Groundwater Monitoring **(in mg/L unless otherwise noted, metals are dissolved unless otherwise noted)**		
pH – lab (S.U.)	Antimony	Uranium (total)
	Arsenic	Gross Alpha Particle Activity (pCi/L)
Total Dissolved Solids	Barium	Radium 226 + Radium 228 (pCi/L)
Total Alkalinity	Beryllium	Uranium-Isotopes (pCi/L)
Carbonate	Cadmium	Benzene
Bicarbonate	Chromium	Carbon Disulfide
Nitrate as N	Cobalt	Ethylbenzene
Nitrite as N	Copper	Toluene
Nitrate + Nitrite	Cyanide (free)	Total Xylenes
Total Nitrogen	Lead	
Sulfate	Manganese	TKN
Chloride	Mercury	Ammonia
Fluoride	Iron (total)	Adjusted Gross Alpha (pCi/L)
Calcium	Molybdenum	
Magnesium	Nickel	
Potassium	Selenium	
Sodium	Thallium	
Hydroxide	Uranium	
Aluminum	Zinc	

Note: Within the context of this permit, compliance with Arizona Aquifer Quality Standards (AWQS) assumed the adoption of a limit of 0.01 mg/L for arsenic (dissolved) and a limit of 0.30 mg/L for uranium (total).

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 17, 2025
Sample Received: December 19, 2025
Analysis Completed: January 08, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25L0522-01	15.7 ± 1.2	14.6 ± 1.8	1.1 ± 2.2	10.0 ± 2.6	0.7 ± 0.2	< 0.8	0.7 ± 0.2

Analysis Date/Time	1/1/2026	12/31/2025	12/31/2025	1/1/2026	1/1/2026	1/1/2026	1/1/2026
	8:05	14:37	8:05	19:14	11:13	11:13	11:13

January 8, 2026
Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 17, 2025
Sample Received: December 19, 2025
Uranium Analysis Date: December 31, 2025
Uranium Analysis Time: 14:37

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25L0522-01	5.1 ± 0.8	0.239 ± 0.005	9.2 ± 1.0	14.6 ± 1.8	Activity (pCi/L)
	15.3 ± 2.3	0.112 ± 0.003	0.00148 ± 0.00017	15.4 ± 2.3	Content (µg/L)
	Comments:				

January 8, 2026
Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 17, 2025 (Sample Date) 8:50 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	12/31/2025	1.1 ± 2.2		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/1/2026	15.7 ± 1.2		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/31/2025	15.4 ± 2.3	µg/L	
			Uranium 234	4007	12/31/2025	0.00148 ± 0.00017		
			Uranium 235	4008	12/31/2025	0.112 ± 0.003		
			Uranium 238	4009	12/31/2025	15.3 ± 2.3		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	1/1/2026	0.7 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	1/1/2026	0.7 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	1/1/2026	< 0.8		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78976

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0522-01

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 17, 2025 (Sample Date) 8:50 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/1/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78976

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0522-01

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 17, 2025
Sample Received: December 19, 2025
Analysis Completed: January 08, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25L0522-02	10.0 ± 0.7	8.3 ± 1.0	1.7 ± 1.2	7.9 ± 1.4	1.0 ± 0.2	1.2 ± 0.4	2.2 ± 0.4

Analysis Date/Time	1/1/2026	12/31/2025	12/31/2025	1/1/2026	1/1/2026	1/1/2026	1/1/2026
	9:46	14:53	9:46	2:33	15:14	15:14	15:14

January 8, 2026
Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 17, 2025
Sample Received: December 19, 2025
Uranium Analysis Date: December 31, 2025
Uranium Analysis Time: 14:53

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25L0522-02	2.5 ± 0.4	0.116 ± 0.003	5.7 ± 0.6	8.3 ± 1.0	Activity (pCi/L)
	7.4 ± 1.1	0.054 ± 0.001	0.00091 ± 0.00009	7.5 ± 1.1	Content (µg/L)
	Comments:				

January 8, 2026
R Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 17, 2025 (Sample Date) 10:35 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	12/31/2025	1.7 ± 1.2		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/1/2026	10.0 ± 0.7		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/31/2025	7.5 ± 1.1	µg/L	
			Uranium 234	4007	12/31/2025	0.00091 ± 0.00009		
			Uranium 235	4008	12/31/2025	0.054 ± 0.001		
			Uranium 238	4009	12/31/2025	7.4 ± 1.1		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	1/1/2026	2.2 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	1/1/2026	1.0 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	1/1/2026	1.2 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78977

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0522-02

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 17, 2025 (Sample Date) 10:35 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/1/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78977

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0522-02

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 17, 2025
Sample Received: December 19, 2025
Analysis Completed: January 08, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25L0522-03	18.7 ± 2.4	16.4 ± 1.4	2.3 ± 2.8	13.7 ± 1.8	< 0.5	1.7 ± 0.4	1.7 ± 0.4

Analysis Date/Time	1/6/2026	12/31/2025	1/6/2026	1/1/2026	1/1/2026	1/1/2026	1/1/2026
	13:51	15:10	13:51	22:35	19:15	19:15	19:15

January 8, 2026
Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 17, 2025
Sample Received: December 19, 2025
Uranium Analysis Date: December 31, 2025
Uranium Analysis Time: 15:10

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25L0522-03	5.8 ± 0.6	0.270 ± 0.004	10.3 ± 0.8	16.4 ± 1.4	Activity (pCi/L)
	17.3 ± 1.7	0.126 ± 0.002	0.00166 ± 0.00013	17.4 ± 1.7	Content (µg/L)
	Comments:				

January 8, 2026
Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 17, 2025 (Sample Date) 11:59 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/6/2026	2.3 ± 2.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/6/2026	18.7 ± 2.4		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/31/2025	17.4 ± 1.7	µg/L	
			Uranium 234	4007	12/31/2025	0.00166 ± 0.00013		
			Uranium 235	4008	12/31/2025	0.126 ± 0.002		
			Uranium 238	4009	12/31/2025	17.3 ± 1.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	1/1/2026	1.7 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	1/1/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	1/1/2026	1.7 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78978

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0522-03

Authorized Signature:

Date Public Water System Notifie

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 17, 2025 (Sample Date) 11:59 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/1/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78978

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0522-03

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 17, 2025
Sample Received: December 19, 2025
Analysis Completed: January 08, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
25L0522-04	14.8 ± 2.1	11.5 ± 1.1	3.3 ± 2.4	10.2 ± 1.6	0.9 ± 0.2	1.8 ± 0.4	2.7 ± 0.4

Analysis Date/Time	1/6/2026	12/31/2025	1/6/2026	1/2/2026	1/1/2026	1/1/2026	1/1/2026
	18:52	15:28	18:52	1:55	23:16	23:16	23:16

January 8, 2026
Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: December 17, 2025
Sample Received: December 19, 2025
Uranium Analysis Date: December 31, 2025
Uranium Analysis Time: 15:28

Sample No.	^{238}U	^{235}U	^{234}U	Total	
25L0522-04	6.3 ± 0.6	0.291 ± 0.004	5.0 ± 0.5	11.5 ± 1.1	Activity (pCi/L)
	18.6 ± 1.8	0.136 ± 0.002	0.00080 ± 0.00009	18.8 ± 1.8	Content (µg/L)
	Comments:				

January 8, 2026
Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 17, 2025 (Sample Date) 13:08 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/6/2026	3.3 ± 2.4		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/6/2026	14.8 ± 2.1		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	12/31/2025	18.8 ± 1.8	µg/L	
			Uranium 234	4007	12/31/2025	0.00080 ± 0.00009		
			Uranium 235	4008	12/31/2025	0.136 ± 0.002		
			Uranium 238	4009	12/31/2025	18.6 ± 1.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	1/1/2026	2.7 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	1/1/2026	0.9 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	1/1/2026	1.8 ± 0.4		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78979

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0522-04

Authorized Signature:

Date Public Water System Not _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

December 17, 2025 (Sample Date) 13:08 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/2/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE78979

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 25L0522-04

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

25L0522

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 25L0522-01 Non-Potable Wa Sampled:12/17/2025 08:50			
Radiochemistry, Gross Alpha Beta	06/15/2026 08:50		
Radiochemistry, Uranium	06/15/2026 08:50		
Radiochemistry, Radium 226/228	01/16/2026 08:50		78976
Containers Supplied: 1			
Sample ID: 25L0522-02 Non-Potable Wa Sampled:12/17/2025 10:35			
Radiochemistry, Gross Alpha Beta	06/15/2026 10:35		
Radiochemistry, Uranium	06/15/2026 10:35		
Radiochemistry, Radium 226/228	01/16/2026 10:35		78977
Containers Supplied: 1			
Sample ID: 25L0522-03 Non-Potable Wa Sampled:12/17/2025 11:59			
Radiochemistry, Uranium	06/15/2026 11:59		
Radiochemistry, Radium 226/228	01/16/2026 11:59		
Radiochemistry, Gross Alpha Beta	06/15/2026 11:59		78978
Containers Supplied: 1			
Sample ID: 25L0522-04 Non-Potable Wa Sampled:12/17/2025 13:08			
Radiochemistry, Uranium	06/15/2026 13:08		
Radiochemistry, Radium 226/228	01/16/2026 13:08		
Radiochemistry, Gross Alpha Beta	06/15/2026 13:08		78979
Containers Supplied: 1			

Released By	Date	Received By	Date
[signature]	12/18/25 1600	UPS	12/18/25 1600
Released By	Date	Received By	Date
		[signature]	12/19/25 12:16

February 24, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 26A0379

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 3 sample(s) on 01/14/2026 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Date Received: 01/14/2026

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
26A0379-01	POC - 04	Ground Water	01/14/2026 1021
26A0379-02	POC - 03	Ground Water	01/14/2026 1220
26A0379-03	POC - 01	Ground Water	01/14/2026 1351

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Date Received: 01/14/2026

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

This report has been revised to correct the Nitrate results for POC-1 and POC-4.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H2	Initial analysis was performed within holding time. Reanalysis for the required dilution was past holding time.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS/LCSD recovery was acceptable.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 02/24/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Lab Sample ID: 26A0379-01

Client Sample ID: POC - 04
Collection Date/Time: 01/14/2026 1021
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	01/15/2026 1330	01/15/2026 1630	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	01/14/2026 1600	01/15/2026 0133	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.17	0.022	0.33	E4	mg/L	1	01/24/2026 1414	01/31/2026 1535	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.023		0.00056		mg/L	1	01/23/2026 1353	01/24/2026 1809	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	63		4.0		mg/L	1	01/20/2026 1005	01/23/2026 1157	RAR
Magnesium	19		3.0		mg/L	1	01/20/2026 1005	01/23/2026 1157	RAR
Potassium	6.0		5.0		mg/L	1	01/20/2026 1005	01/23/2026 1157	RAR
Sodium	51		5.0		mg/L	1	01/20/2026 1005	01/23/2026 1157	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.015	0.013	0.040	E4	mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Antimony	0.000045	0.000039	0.00050	E4	mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Arsenic	0.0036		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Barium	0.061		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Beryllium	0.000017	0.000013	0.00025	E4	mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Chromium	0.00054		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Cobalt	0.00033		0.00025		mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Copper	0.0018		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Manganese	0.47		0.00025		mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Molybdenum	0.077		0.00025		mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Nickel	0.00098		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Selenium	0.00087	0.00025	0.0025	E4	mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
Uranium	0.021		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR

Client: Copper World, Inc. **Client Sample ID:** POC - 04
Project: Ambient GW Monitoring **Collection Date/Time:** 01/14/2026 1021
Work Order: 26A0379 **Matrix:** Ground Water
Lab Sample ID: 26A0379-01

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	ND	0.0023	0.040	E8	mg/L	1	01/23/2026 0934	01/25/2026 1704	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/02/2026 0839	02/02/2026 1445	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	26		2.0		mg/L	2	01/14/2026 1600	01/26/2026 1625	SS
Fluoride	2.5		0.50		mg/L	1	01/14/2026 1600	01/15/2026 0133	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	01/14/2026 1600	01/15/2026 0133	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	01/14/2026 1600	01/15/2026 0133	SS
Sulfate	95		5.0		mg/L	1	01/14/2026 1600	01/15/2026 0133	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.35	0.30	0.50	E4	mg/L	1	01/15/2026 1330	01/15/2026 1630	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/30/2026 1343	01/30/2026 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Total (As CaCO3)	230		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	420		20		mg/L	1	01/15/2026 1005	01/23/2026 1526	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	01/23/2026 0947	01/26/2026 1512	SJS
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Lab Sample ID: 26A0379-01

Client Sample ID: POC - 04
Collection Date/Time: 01/14/2026 1021
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.4			H5	-	1	01/20/2026 0945	01/20/2026 1455	IM
Temperature (°C)	20			H5	-	1	01/20/2026 0945	01/20/2026 1455	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	01/16/2026 0800	01/16/2026 2233	ES
Carbon disulfide	0.18	0.11	2.0	E4	ug/L	1	01/16/2026 0800	01/16/2026 2233	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	01/16/2026 0800	01/16/2026 2233	ES
Toluene	0.091	0.057	0.50	E4	ug/L	1	01/16/2026 0800	01/16/2026 2233	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/16/2026 0800	01/16/2026 2233	ES
Surr: 4-Bromofluorobenzene	*117*	*70-130*			*%REC*	*1*	*01/16/2026 0800*	*01/16/2026 2233*	*ES*
Surr: Dibromofluoromethane	*98*	*70-130*			*%REC*	*1*	*01/16/2026 0800*	*01/16/2026 2233*	*ES*
Surr: Toluene-d8	*110*	*70-130*			*%REC*	*1*	*01/16/2026 0800*	*01/16/2026 2233*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Lab Sample ID: 26A0379-02

Client Sample ID: POC - 03
Collection Date/Time: 01/14/2026 1220
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.7		1.1		mg/L	1	01/15/2026 1330	01/15/2026 1630	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.7		0.60		mg/L	1	01/14/2026 1600	01/15/2026 0110	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	01/24/2026 1414	01/31/2026 1538	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0094		0.00056		mg/L	1	01/23/2026 1353	01/24/2026 1812	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	110		4.0		mg/L	1	01/20/2026 1005	01/23/2026 1200	RAR
Magnesium	33		3.0		mg/L	1	01/20/2026 1005	01/23/2026 1200	RAR
Potassium	5.4		5.0		mg/L	1	01/20/2026 1005	01/23/2026 1200	RAR
Sodium	38		5.0		mg/L	1	01/20/2026 1005	01/23/2026 1200	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Antimony	0.00052		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Arsenic	0.0088		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Barium	0.078		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Beryllium	0.000017	0.000013	0.00025	E4	mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Chromium	0.00054		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Cobalt	0.000097	0.000010	0.00025	E4	mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Copper	0.0015		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Manganese	0.0040		0.00025		mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Molybdenum	0.17		0.00025		mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Nickel	0.0014		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Selenium	0.0021	0.00025	0.0025	E4	mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Thallium	0.000024	0.000023	0.00050	E4	mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Uranium	0.0088		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR
Zinc	0.015	0.0023	0.040	E4	mg/L	1	01/23/2026 0934	01/25/2026 1707	RAR

Turner Laboratories, Inc.

Date: 02/24/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Lab Sample ID: 26A0379-02

Client Sample ID: POC - 03
Collection Date/Time: 01/14/2026 1220
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/02/2026 0839	02/02/2026 1447	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	29		2.0		mg/L	2	01/14/2026 1600	01/26/2026 1537	SS
Fluoride	1.3		0.50		mg/L	1	01/14/2026 1600	01/15/2026 0110	SS
Nitrogen, Nitrate (As N)	1.7		0.50		mg/L	1	01/14/2026 1600	01/15/2026 0110	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	01/14/2026 1600	01/15/2026 0110	SS
Sulfate	230		25		mg/L	5	01/14/2026 1600	01/26/2026 1601	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	01/15/2026 1330	01/15/2026 1630	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/30/2026 1343	01/30/2026 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	240		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Total (As CaCO3)	240		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	620		20		mg/L	1	01/15/2026 1005	01/23/2026 1526	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	01/23/2026 0947	01/26/2026 1512	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.3			H5	-	1	01/20/2026 0945	01/20/2026 1458	IM
Temperature (°C)	19			H5	-	1	01/20/2026 0945	01/20/2026 1458	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Lab Sample ID: 26A0379-02

Client Sample ID: POC - 03
Collection Date/Time: 01/14/2026 1220
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	01/16/2026 0800	01/16/2026 2309	ES
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	01/16/2026 0800	01/16/2026 2309	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	01/16/2026 0800	01/16/2026 2309	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	01/16/2026 0800	01/16/2026 2309	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/16/2026 0800	01/16/2026 2309	ES
Surr: 4-Bromofluorobenzene	*119*	*70-130*			*%REC*	*1*	*01/16/2026 0800*	*01/16/2026 2309*	*ES*
Surr: Dibromofluoromethane	*99*	*70-130*			*%REC*	*1*	*01/16/2026 0800*	*01/16/2026 2309*	*ES*
Surr: Toluene-d8	*113*	*70-130*			*%REC*	*1*	*01/16/2026 0800*	*01/16/2026 2309*	*ES*

Turner Laboratories, Inc.

Date: 02/24/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Lab Sample ID: 26A0379-03

Client Sample ID: POC - 01
Collection Date/Time: 01/14/2026 1351
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	23		3.6		mg/L	5	01/15/2026 1330	01/26/2026 1450	SS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	23		2.6		mg/L	5	01/14/2026 1600	01/26/2026 1450	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	01/24/2026 1414	01/31/2026 1541	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.017		0.00056		mg/L	1	01/23/2026 1353	01/24/2026 1815	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	270		4.0		mg/L	1	01/20/2026 1005	01/23/2026 1203	RAR
Magnesium	79		3.0		mg/L	1	01/20/2026 1005	01/23/2026 1203	RAR
Potassium	5.8		5.0		mg/L	1	01/20/2026 1005	01/23/2026 1203	RAR
Sodium	20		5.0		mg/L	1	01/20/2026 1005	01/23/2026 1203	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Antimony	0.00032	0.000039	0.00050	E4	mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Arsenic	0.0042		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Barium	0.031		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Chromium	0.00034	0.000023	0.00050	E4	mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Cobalt	0.00034		0.00025		mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Copper	0.00087		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Manganese	0.0025		0.00025		mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Molybdenum	0.081		0.00025		mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Nickel	0.0027		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Selenium	0.013		0.0025		mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Uranium	0.016		0.00050		mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	01/23/2026 0934	01/25/2026 1710	RAR

Turner Laboratories, Inc.

Date: 02/24/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Lab Sample ID: 26A0379-03

Client Sample ID: POC - 01
Collection Date/Time: 01/14/2026 1351
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/02/2026 0839	02/02/2026 1450	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	38		5.0		mg/L	5	01/14/2026 1600	01/26/2026 1450	SS
Fluoride	1.0		0.50		mg/L	1	01/14/2026 1600	01/15/2026 0046	SS
Nitrogen, Nitrate (As N)	23		2.5	H2	mg/L	5	01/14/2026 1600	01/26/2026 1450	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	01/14/2026 1600	01/15/2026 0046	SS
Sulfate	630		50		mg/L	10	01/14/2026 1600	01/26/2026 1513	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.60	1.0	E8	mg/L	2	01/15/2026 1330	01/15/2026 1630	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/30/2026 1343	01/30/2026 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	200		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Total (As CaCO3)	200		2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1300		20		mg/L	1	01/15/2026 1005	01/23/2026 1526	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	01/23/2026 0947	01/26/2026 1512	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.1			H5	-	1	01/20/2026 0945	01/20/2026 1508	IM
Temperature (°C)	20			H5	-	1	01/20/2026 0945	01/20/2026 1508	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Lab Sample ID: 26A0379-03

Client Sample ID: POC - 01
Collection Date/Time: 01/14/2026 1351
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	01/16/2026 0800	01/16/2026 2344	ES
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	01/16/2026 0800	01/16/2026 2344	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	01/16/2026 0800	01/16/2026 2344	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	01/16/2026 0800	01/16/2026 2344	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/16/2026 0800	01/16/2026 2344	ES
Surr: 4-Bromofluorobenzene	*118*	*70-130*			*%REC*	*1*	*01/16/2026 0800*	*01/16/2026 2344*	*ES*
Surr: Dibromofluoromethane	*100*	*70-130*			*%REC*	*1*	*01/16/2026 0800*	*01/16/2026 2344*	*ES*
Surr: Toluene-d8	*111*	*70-130*			*%REC*	*1*	*01/16/2026 0800*	*01/16/2026 2344*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Date Received: 01/14/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601204 - EPA 200.7 (4.4)										
Blank (2601204-BLK1)				Prepared: 01/20/2026 Analyzed: 01/22/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	0.85	5.0	mg/L							
LCS (2601204-BS1)				Prepared: 01/20/2026 Analyzed: 01/22/2026						
Calcium	10	4.0	mg/L	10.00		101	85-115			
Magnesium	9.8	3.0	mg/L	10.00		98	85-115			
Potassium	9.9	5.0	mg/L	10.00		99	85-115			
Sodium	10	5.0	mg/L	10.00		102	85-115			
LCS Dup (2601204-BSD1)				Prepared: 01/20/2026 Analyzed: 01/22/2026						
Calcium	10	4.0	mg/L	10.00		101	85-115	0.03	20	
Magnesium	9.8	3.0	mg/L	10.00		98	85-115	0.1	20	
Potassium	9.7	5.0	mg/L	10.00		97	85-115	2	20	
Sodium	10	5.0	mg/L	10.00		101	85-115	0.6	20	
Matrix Spike (2601204-MS1)		**Source: 26A0187-01**		Prepared: 01/20/2026 Analyzed: 01/22/2026						
Calcium	140	4.0	mg/L	10.00	130	61	70-130			M2
Magnesium	94	3.0	mg/L	10.00	86	81	70-130			
Potassium	14	5.0	mg/L	10.00	2.4	113	70-130			
Sodium	ND	5.0	mg/L	10.00	860	NR	70-130			
Matrix Spike (2601204-MS2)		**Source: 26A0187-02**		Prepared: 01/20/2026 Analyzed: 01/22/2026						
Calcium	160	4.0	mg/L	10.00	130	366	70-130			M1
Magnesium	240	3.0	mg/L	10.00	180	632	70-130			M1
Potassium	14	5.0	mg/L	10.00	3.0	109	70-130			
Sodium	ND	5.0	mg/L	10.00	1400	NR	70-130			
Batch 2601221 - E200.8 (5.4)										
Blank (2601221-BLK1)				Prepared: 01/23/2026 Analyzed: 01/24/2026						
Uranium	0.000059	0.00050	mg/L							
LCS (2601221-BS1)				Prepared: 01/23/2026 Analyzed: 01/24/2026						
Uranium	0.052	0.00050	mg/L	0.05000		103	85-115			
LCS Dup (2601221-BSD1)				Prepared: 01/23/2026 Analyzed: 01/24/2026						
Uranium	0.052	0.00050	mg/L	0.05000		103	85-115	0.06	20	
Matrix Spike (2601221-MS1)		**Source: 26A0609-01**		Prepared: 01/23/2026 Analyzed: 01/24/2026						
Uranium	0.068	0.00050	mg/L	0.05000	0.00019	136	70-130			M1
Matrix Spike (2601221-MS2)		**Source: 26A0609-02**		Prepared: 01/23/2026 Analyzed: 01/24/2026						
Uranium	0.068	0.00050	mg/L	0.05000	0.00016	135	70-130			M1
Batch 2601226 - EPA 200.8 (5.4)										

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Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601226 - EPA 200.8 (5.4)										
Blank (2601226-BLK1)				Prepared: 01/23/2026 Analyzed: 01/25/2026						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	0.000038	0.00050	mg/L							
Beryllium	0.000036	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	0.000032	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.00019	0.00025	mg/L							
Molybdenum	0.000069	0.00025	mg/L							
Nickel	0.00024	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	0.000036	0.00050	mg/L							
Uranium	0.000048	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2601226-BS1)				Prepared: 01/23/2026 Analyzed: 01/25/2026						
Aluminum	0.10	0.040	mg/L	0.1000		102	85-115			
Antimony	0.052	0.00050	mg/L	0.05000		103	85-115			
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115			
Barium	0.052	0.00050	mg/L	0.05000		104	85-115			
Beryllium	0.050	0.00025	mg/L	0.05000		99	85-115			
Cadmium	0.051	0.00025	mg/L	0.05000		102	85-115			
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115			
Cobalt	0.050	0.00025	mg/L	0.05000		100	85-115			
Copper	0.050	0.00050	mg/L	0.05000		99	85-115			
Lead	0.051	0.00050	mg/L	0.05000		102	85-115			
Manganese	0.052	0.00025	mg/L	0.05000		103	85-115			
Molybdenum	0.050	0.00025	mg/L	0.05000		100	85-115			
Nickel	0.049	0.00050	mg/L	0.05000		99	85-115			
Selenium	0.052	0.0025	mg/L	0.05000		103	85-115			
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115			
Uranium	0.053	0.00050	mg/L	0.05000		105	85-115			
Zinc	0.10	0.040	mg/L	0.1000		103	85-115			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601226 - EPA 200.8 (5.4)										
LCS Dup (2601226-BSD1)				Prepared: 01/23/2026 Analyzed: 01/25/2026						
Aluminum	0.10	0.040	mg/L	0.1000		101	85-115	0.9	20	
Antimony	0.052	0.00050	mg/L	0.05000		104	85-115	1	20	
Arsenic	0.050	0.00050	mg/L	0.05000		100	85-115	0.6	20	
Barium	0.052	0.00050	mg/L	0.05000		105	85-115	0.7	20	
Beryllium	0.050	0.00025	mg/L	0.05000		99	85-115	0.1	20	
Cadmium	0.051	0.00025	mg/L	0.05000		103	85-115	0.4	20	
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115	0.4	20	
Cobalt	0.050	0.00025	mg/L	0.05000		100	85-115	0.4	20	
Copper	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Lead	0.051	0.00050	mg/L	0.05000		103	85-115	0.8	20	
Manganese	0.052	0.00025	mg/L	0.05000		103	85-115	0.002	20	
Molybdenum	0.051	0.00025	mg/L	0.05000		101	85-115	0.9	20	
Nickel	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Selenium	0.051	0.0025	mg/L	0.05000		102	85-115	1	20	
Thallium	0.050	0.00050	mg/L	0.05000		101	85-115	0.8	20	
Uranium	0.054	0.00050	mg/L	0.05000		107	85-115	2	20	
Zinc	0.10	0.040	mg/L	0.1000		103	85-115	0.5	20	
Matrix Spike (2601226-MS1)		**Source: 25L0770-02**		Prepared: 01/23/2026 Analyzed: 01/25/2026						
Aluminum	0.10	0.040	mg/L	0.1000	ND	101	70-130			
Antimony	0.056	0.00050	mg/L	0.05000	0.00024	111	70-130			
Arsenic	0.059	0.00050	mg/L	0.05000	0.0033	111	70-130			
Barium	0.15	0.00050	mg/L	0.05000	0.096	111	70-130			
Beryllium	0.047	0.00025	mg/L	0.05000	0.000038	94	70-130			
Cadmium	0.048	0.00025	mg/L	0.05000	ND	97	70-130			
Chromium	0.052	0.00050	mg/L	0.05000	0.00080	102	70-130			
Cobalt	0.049	0.00025	mg/L	0.05000	0.00027	97	70-130			
Copper	0.050	0.00050	mg/L	0.05000	0.0071	87	70-130			
Lead	0.057	0.00050	mg/L	0.05000	0.00010	113	70-130			
Manganese	0.058	0.00025	mg/L	0.05000	0.0066	102	70-130			
Molybdenum	0.060	0.00025	mg/L	0.05000	0.0034	113	70-130			
Nickel	0.049	0.00050	mg/L	0.05000	0.0035	91	70-130			
Selenium	0.056	0.0025	mg/L	0.05000	0.0019	107	70-130			
Thallium	0.056	0.00050	mg/L	0.05000	0.000024	112	70-130			
Uranium	0.068	0.00050	mg/L	0.05000	0.0082	120	70-130			
Zinc	0.093	0.040	mg/L	0.1000	0.0043	88	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601226 - EPA 200.8 (5.4)										
Matrix Spike (2601226-MS2)		**Source: 25L0770-03**		Prepared: 01/23/2026 Analyzed: 01/25/2026						
Aluminum	0.10	0.040	mg/L	0.1000	ND	100	70-130			
Antimony	0.055	0.00050	mg/L	0.05000	0.000077	110	70-130			
Arsenic	0.055	0.00050	mg/L	0.05000	0.0014	108	70-130			
Barium	0.10	0.00050	mg/L	0.05000	0.047	111	70-130			
Beryllium	0.047	0.00025	mg/L	0.05000	0.000087	94	70-130			
Cadmium	0.047	0.00025	mg/L	0.05000	ND	95	70-130			
Chromium	0.049	0.00050	mg/L	0.05000	0.00031	98	70-130			
Cobalt	0.048	0.00025	mg/L	0.05000	0.00072	94	70-130			
Copper	0.048	0.00050	mg/L	0.05000	0.0059	84	70-130			
Lead	0.056	0.00050	mg/L	0.05000	0.000059	112	70-130			
Manganese	0.35	0.00025	mg/L	0.05000	0.31	71	70-130			
Molybdenum	0.078	0.00025	mg/L	0.05000	0.022	111	70-130			
Nickel	0.046	0.00050	mg/L	0.05000	0.0021	88	70-130			
Selenium	0.054	0.0025	mg/L	0.05000	0.0013	105	70-130			
Thallium	0.055	0.00050	mg/L	0.05000	ND	110	70-130			
Uranium	0.082	0.00050	mg/L	0.05000	0.024	117	70-130			
Zinc	0.090	0.040	mg/L	0.1000	0.0025	87	70-130			
Batch 2601263 - E200.7 (4.4)										
Blank (2601263-BLK1)				Prepared: 01/28/2026 Analyzed: 01/31/2026						
Iron	ND	0.30	mg/L							
LCS (2601263-BS1)				Prepared: 01/28/2026 Analyzed: 01/31/2026						
Iron	1.0	0.30	mg/L	1.000		100	85-115			
LCS Dup (2601263-BSD1)				Prepared: 01/28/2026 Analyzed: 01/31/2026						
Iron	1.0	0.30	mg/L	1.000		101	85-115	0.1	20	
Matrix Spike (2601263-MS1)		**Source: 26A0252-01**		Prepared: 01/28/2026 Analyzed: 01/31/2026						
Iron	2.3	0.30	mg/L	1.000		226	70-130			
Matrix Spike (2601263-MS2)		**Source: 26A0254-01**		Prepared: 01/28/2026 Analyzed: 01/31/2026						
Iron	4.1	0.30	mg/L	1.000	3.2	96	70-130			
Batch 2602002 - EPA 245.1										
Blank (2602002-BLK1)				Prepared & Analyzed: 02/02/2026						
Mercury	ND	0.0010	mg/L							
LCS (2602002-BS1)				Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000		102	85-115			
LCS Dup (2602002-BSD1)				Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000		103	85-115	0.7	20	
Matrix Spike (2602002-MS1)		**Source: 26A0350-02**		Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	102	70-130			
Matrix Spike (2602002-MS2)		**Source: 26A0350-03**		Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	102	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602002 - EPA 245.1										
Matrix Spike Dup (2602002-MSD1)		**Source: 26A0350-02**		Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	103	70-130	0.6	20	
Matrix Spike Dup (2602002-MSD2)		**Source: 26A0350-03**		Prepared & Analyzed: 02/02/2026						
Mercury	0.0050	0.0010	mg/L	0.005000	ND	101	70-130	0.9	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601117 - EPA 351.2										
Blank (2601117-BLK1)				Prepared & Analyzed: 01/15/2026						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2601117-BS1)				Prepared & Analyzed: 01/15/2026						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000		109	80-120			
LCS Dup (2601117-BSD1)				Prepared & Analyzed: 01/15/2026						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000		108	80-120	0.2	20	
Matrix Spike (2601117-MS1)		**Source: 26A0016-01**		Prepared & Analyzed: 01/15/2026						
Nitrogen, Total Kjeldahl	6.4	1.0	mg/L	5.000	1.5	98	80-120			
Matrix Spike (2601117-MS2)		**Source: 26A0169-01**		Prepared & Analyzed: 01/15/2026						
Nitrogen, Total Kjeldahl	6.9	0.50	mg/L	5.000	0.81	122	80-120			M1
Matrix Spike Dup (2601117-MSD1)		**Source: 26A0016-01**		Prepared & Analyzed: 01/15/2026						
Nitrogen, Total Kjeldahl	6.3	1.0	mg/L	5.000	1.5	97	80-120	1	20	
Matrix Spike Dup (2601117-MSD2)		**Source: 26A0169-01**		Prepared & Analyzed: 01/15/2026						
Nitrogen, Total Kjeldahl	6.8	0.50	mg/L	5.000	0.81	120	80-120	2	20	
Batch 2601128 - SM2540 C										
Duplicate (2601128-DUP1)		**Source: 26A0350-02**		Prepared: 01/15/2026 Analyzed: 01/23/2026						
Total Dissolved Solids (Residue, Filterable)	1100	20	mg/L		1100			0.9	5	
Duplicate (2601128-DUP2)		**Source: 26A0350-03**		Prepared: 01/15/2026 Analyzed: 01/23/2026						
Total Dissolved Solids (Residue, Filterable)	990	20	mg/L		990			0.3	5	
Batch 2601158 - SM4500-H+ B										
Duplicate (2601158-DUP1)		**Source: 26A0379-02**		Prepared & Analyzed: 01/20/2026						
pH (pH Units)	7.3		-		7.3			0.1	200	
Temperature (°C)	20		-		19			3	200	
Duplicate (2601158-DUP2)		**Source: 26A0433-05**		Prepared & Analyzed: 01/20/2026						
pH (pH Units)	7.3		-		7.2			1	200	
Temperature (°C)	21		-		21			0.5	200	
Batch 2601215 - SM4500-CN BE										
Blank (2601215-BLK1)				Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	ND	0.10	mg/L							
LCS (2601215-BS1)				Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	2.0	0.10	mg/L	2.000		98	85-115			
LCS Dup (2601215-BSD1)				Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	2.0	0.10	mg/L	2.000		99	85-115	0.7	15	
Matrix Spike (2601215-MS1)		**Source: 26A0483-04**		Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	96	80-120			

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Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601215 - SM4500-CN BE										
Matrix Spike Dup (2601215-MSD1)	**Source: 26A0483-04**			Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	1.8	0.10	mg/L	2.000	ND	92	80-120	4	15	
Batch 2601257 - SM2320B										
Blank (2601257-BLK1)				Prepared & Analyzed: 01/28/2026						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2601257-BS1)				Prepared & Analyzed: 01/28/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		98	90-110			
LCS Dup (2601257-BSD1)				Prepared & Analyzed: 01/28/2026						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110	2	10	
Matrix Spike (2601257-MS1)	**Source: 26A0483-04**			Prepared & Analyzed: 01/28/2026						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	28	98	70-130			
Matrix Spike Dup (2601257-MSD1)	**Source: 26A0483-04**			Prepared & Analyzed: 01/28/2026						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	28	97	70-130	0.7	10	
Batch 2601282 - SM 4500-NH3 B, F										
Blank (2601282-BLK1)				Prepared & Analyzed: 01/30/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2601282-BS1)				Prepared & Analyzed: 01/30/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		102	85-115			
LCS Dup (2601282-BSD1)				Prepared & Analyzed: 01/30/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		104	85-115	2	10	
Matrix Spike (2601282-MS1)	**Source: 26A0010-03**			Prepared & Analyzed: 01/30/2026						
Nitrogen, Ammonia (As N)	3.0	0.50	mg/L	2.500	3.0	0	80-120			M2
Matrix Spike Dup (2601282-MSD1)	**Source: 26A0010-03**			Prepared & Analyzed: 01/30/2026						
Nitrogen, Ammonia (As N)	2.8	0.50	mg/L	2.500	3.0	NR	80-120	5	20	M2

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601135 - SW8260B										
Blank (2601135-BLK1)				Prepared & Analyzed: 01/16/2026						
Benzene	0.097	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.074	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*54.6*		*ug/L*	*50.00*		*109*	*70-130*			
Surrogate: Dibromofluoromethane	*47.1*		*ug/L*	*50.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*54.7*		*ug/L*	*50.00*		*109*	*70-130*			
LCS (2601135-BS1)				Prepared & Analyzed: 01/16/2026						
1,1-Dichloroethene	44	0.50	ug/L	50.00		88	70-130			
Benzene	49	0.50	ug/L	50.00		99	70-130			
Chlorobenzene	49	0.50	ug/L	50.00		99	70-130			
Toluene	50	0.50	ug/L	50.00		101	70-130			
Trichloroethene	49	0.50	ug/L	50.00		98	70-130			
Surrogate: 4-Bromofluorobenzene	*54.9*		*ug/L*	*50.00*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*46.3*		*ug/L*	*50.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*52.8*		*ug/L*	*50.00*		*106*	*70-130*			
LCS Dup (2601135-BSD1)				Prepared & Analyzed: 01/16/2026						
1,1-Dichloroethene	46	0.50	ug/L	50.00		91	70-130	4	30	
Benzene	52	0.50	ug/L	50.00		104	70-130	5	30	
Chlorobenzene	55	0.50	ug/L	50.00		110	70-130	10	30	
Toluene	56	0.50	ug/L	50.00		111	70-130	10	30	
Trichloroethene	53	0.50	ug/L	50.00		106	70-130	8	30	
Surrogate: 4-Bromofluorobenzene	*53.9*		*ug/L*	*50.00*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*45.6*		*ug/L*	*50.00*		*91*	*70-130*			
Surrogate: Toluene-d8	*54.4*		*ug/L*	*50.00*		*109*	*70-130*			
Matrix Spike (2601135-MS1)		**Source: 25L0626-01RE1**		Prepared: 01/16/2026 Analyzed: 01/17/2026						
1,1-Dichloroethene	6.0	2.5	ug/L	50.00	ND	12	70-130			M3
Benzene	260	2.5	ug/L	50.00	ND	516	70-130			M3
Chlorobenzene	240	2.5	ug/L	50.00	ND	487	70-130			M3
Toluene	ND	2.5	ug/L	50.00	ND		70-130			M3
Trichloroethene	240	2.5	ug/L	50.00	ND	485	70-130			M3
Surrogate: 4-Bromofluorobenzene	*57.2*		*ug/L*	*50.00*		*114*	*70-130*			
Surrogate: Dibromofluoromethane	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Toluene-d8	*0.00*		*ug/L*	*50.00*			*70-130*			*S12*
Matrix Spike (2601135-MS2)		**Source: 25L0253-02RE3**		Prepared: 01/16/2026 Analyzed: 01/17/2026						
1,1-Dichloroethene	54000	500	ug/L	50.00	ND	NR	70-130			M3
Benzene	65000	500	ug/L	50.00	ND	NR	70-130			M3
Chlorobenzene	54000	500	ug/L	50.00	ND	NR	70-130			M3
Toluene	56000	500	ug/L	50.00	ND	NR	70-130			M3
Trichloroethene	54000	500	ug/L	50.00	ND	NR	70-130			M3
Surrogate: 4-Bromofluorobenzene	*59.5*		*ug/L*	*50.00*		*119*	*70-130*			
Surrogate: Dibromofluoromethane	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
Surrogate: Toluene-d8	*51.8*		*ug/L*	*50.00*		*104*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Date Received: 01/14/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601135 - SW8260B										
Matrix Spike Dup (2601135-MSD1)	**Source: 25L0626-01RE1**			Prepared: 01/16/2026 Analyzed: 01/17/2026						
1,1-Dichloroethene	ND	2.5	ug/L	50.00	ND		70-130		30	M3
Benzene	290	2.5	ug/L	50.00	ND	589	70-130	13	30	M3
Chlorobenzene	270	2.5	ug/L	50.00	ND	548	70-130	12	30	M3
Toluene	ND	2.5	ug/L	50.00	ND		70-130		30	M3
Trichloroethene	270	2.5	ug/L	50.00	ND	550	70-130	13	30	M3
Surrogate: 4-Bromofluorobenzene	*57.1*		*ug/L*	*50.00*		*114*	*70-130*			
Surrogate: Dibromofluoromethane	*0.00*		*ug/L*	*50.00*			*70-130*			*S12*
Surrogate: Toluene-d8	*0.00*		*ug/L*	*50.00*			*70-130*			*S12*
Matrix Spike Dup (2601135-MSD2)	**Source: 25L0253-02RE3**			Prepared: 01/16/2026 Analyzed: 01/17/2026						
1,1-Dichloroethene	ND	500	ug/L	50.00	ND		70-130		30	M3
Benzene	66000	500	ug/L	50.00	ND	NR	70-130	2	30	M3
Chlorobenzene	56000	500	ug/L	50.00	ND	NR	70-130	4	30	M3
Toluene	59000	500	ug/L	50.00	ND	NR	70-130	6	30	M3
Trichloroethene	55000	500	ug/L	50.00	ND	NR	70-130	0.7	30	M3
Surrogate: 4-Bromofluorobenzene	*60.6*		*ug/L*	*50.00*		*121*	*70-130*			
Surrogate: Dibromofluoromethane	*0.00*		*ug/L*	*50.00*			*70-130*			*M3, S12*
Surrogate: Toluene-d8	*51.9*		*ug/L*	*50.00*		*104*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Date Received: 01/14/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601118 - EPA 300.0 (2.1)										
Blank (2601118-BLK1)				Prepared & Analyzed: 01/14/2026						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2601118-BS1)				Prepared & Analyzed: 01/14/2026						
Chloride	11	1.0	mg/L	12.50		92	90-110			
Fluoride	2.0	0.50	mg/L	2.000		100	90-110			
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		95	90-110			
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500		94	90-110			
Sulfate	12	5.0	mg/L	12.50		99	90-110			
LCS Dup (2601118-BSD1)				Prepared & Analyzed: 01/14/2026						
Chloride	12	1.0	mg/L	12.50		92	90-110	0.7	10	
Fluoride	1.9	0.50	mg/L	2.000		94	90-110	5	10	
Nitrogen, Nitrate (As N)	4.8	0.50	mg/L	5.000		96	90-110	0.6	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		94	90-110	0.4	10	
Sulfate	12	5.0	mg/L	12.50		99	90-110	0.2	10	
Matrix Spike (2601118-MS1)	**Source: 26A0348-02**			Prepared: 01/14/2026 Analyzed: 01/22/2026						
Chloride	23	1.0	mg/L	12.50	9.5	108	80-120			
Fluoride	2.2	0.50	mg/L	2.000	0.30	94	80-120			
Nitrogen, Nitrate (As N)	6.7	0.50	mg/L	5.000	1.6	101	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	19	5.0	mg/L	12.50	8.3	85	80-120			
Matrix Spike (2601118-MS2)	**Source: 26A0348-03**			Prepared: 01/14/2026 Analyzed: 01/22/2026						
Chloride	21	1.0	mg/L	12.50	7.6	103	80-120			
Fluoride	2.3	0.50	mg/L	2.000	0.28	101	80-120			
Nitrogen, Nitrate (As N)	8.9	0.50	mg/L	5.000	3.8	102	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	100	80-120			
Sulfate	21	5.0	mg/L	12.50	11	84	80-120			
Matrix Spike (2601118-MS3)	**Source: 26A0355-01**			Prepared: 01/14/2026 Analyzed: 02/11/2026						
Chloride	26	1.0	mg/L	12.50	13	106	80-120			
Fluoride	2.2	0.50	mg/L	2.000	0.37	94	80-120			
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.71	95	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	0.11	90	80-120			
Sulfate	34	5.0	mg/L	12.50	25	72	80-120			M2
Matrix Spike Dup (2601118-MSD1)	**Source: 26A0348-02**			Prepared: 01/14/2026 Analyzed: 01/22/2026						
Chloride	23	1.0	mg/L	12.50	9.5	108	80-120	0.3	10	
Fluoride	2.2	0.50	mg/L	2.000	0.30	95	80-120	0.7	10	
Nitrogen, Nitrate (As N)	6.7	0.50	mg/L	5.000	1.6	102	80-120	0.2	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120	0.9	10	
Sulfate	19	5.0	mg/L	12.50	8.3	85	80-120	0.07	10	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0379
Date Received: 01/14/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601118 - EPA 300.0 (2.1)										
Matrix Spike Dup (2601118-MSD2)	**Source: 26A0348-03**			Prepared: 01/14/2026 Analyzed: 01/22/2026						
Chloride	21	1.0	mg/L	12.50	7.6	106	80-120	2	10	
Fluoride	2.2	0.50	mg/L	2.000	0.28	96	80-120	4	10	
Nitrogen, Nitrate (As N)	9.1	0.50	mg/L	5.000	3.8	105	80-120	2	10	
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	103	80-120	3	10	
Sulfate	21	5.0	mg/L	12.50	11	86	80-120	1	10	
Matrix Spike Dup (2601118-MSD3)	**Source: 26A0355-01**			Prepared: 01/14/2026 Analyzed: 02/11/2026						
Chloride	26	1.0	mg/L	12.50	13	105	80-120	0.3	10	
Fluoride	2.2	0.50	mg/L	2.000	0.37	94	80-120	0.05	10	
Nitrogen, Nitrate (As N)	5.5	0.50	mg/L	5.000	0.71	95	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	0.11	90	80-120	0.1	10	
Sulfate	34	5.0	mg/L	12.50	25	73	80-120	0.2	10	M2

2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE _____ PAGE _____ OF _____

PROJECT NAME _____ # _____

CONTACT NAME _____

COMPANY NAME _____

ADDRESS _____

ZIP _____ PHONE _____ EMAIL _____

SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics 624 ☐ 524.2 ☐ 8260 TTHMS ☐ HAAS ☐ Chloride ☐ Sulfate ☐ Resistivity NO3 ☐ NO2 ☐ TKN ☐ TPH ☐ 1664 ☐ Oil & Grease VOA ☐ TCLP Analysis SemiVOA ☐ Pest. ☐ Metals ☐ TCLP ☐ Dissolved ☐ Total ☐ RCRA8 ☐ Total ☐ Cyanide ☐ Amen. ☐ WAD ☐ SDWA/INORGANICS PRIMARY ☐ SECONDARY ☐ Coliform MPN ☐ PIA ☐ pH ☐ Fecal ☐ Cl2 ☐ Cl ☐ Turb ☐ COD ☐ BOD ☐ TSS ☐

1. RELINQUISHED BY:

Signature _____
Printed Name _____
Firm _____
Date/Time _____

2. RECEIVED BY:

Signature _____
Printed Name _____
Firm _____
Date/Time _____

TURNAROUND REQUIREMENTS:

____ Standard (approx. 10 days)*
____ Next Day ____ 2 Day ____ 5 Day*
____ Email Preliminary Results

* Working Days

REPORT REQUIREMENTS:

____ I. Routine Report
____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
____ III. Data Validation Report (Includes All Raw Data) Add 30% to invoice

INVOICE INFORMATION:

Account ____ Y ____ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:

Total Containers _____
Temperature _____
☐ Wet Ice ☐ Ambient ☐ Blue Ice
IR # _____

3. RELINQUISHED BY:

Signature _____
Printed Name _____
Firm _____
Date/Time _____

4. RECEIVED BY:

Signature _____
Printed Name _____
Firm TURNER LABORATORIES, INC.
Date/Time _____

*** LEGEND**
SAMPLE MATRIX

DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No		Custody Seals ☐	Preservation Confirmation ☐
ADEQ Forms: ☐ Yes ☐ No		Container Intact ☐	Appropriate Head Space ☐
Mail ADEQ Forms: ☐ Yes ☐ No		COC / Labels Agree ☐	Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 14, 2026
Sample Received: January 16, 2026
Analysis Completed: February 04, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26A0379-01	20.1 ± 1.0	23.2 ± 1.6	< 1.0	11.4 ± 1.4	< 0.5	< 0.8	< 0.8

Analysis Date/Time	1/28/2026 15:50	1/21/2026 11:06	1/28/2026 15:50	1/26/2026 22:41	1/31/2026 15:31	1/31/2026 15:31	1/31/2026 15:31

February 4, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 14, 2026
Sample Received: January 16, 2026
Uranium Analysis Date: January 21, 2026
Uranium Analysis Time: 11:06

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26A0379-01	7.7 ± 0.7	0.361 ± 0.005	15.1 ± 1.0	23.2 ± 1.6	Activity (pCi/L)
	23.1 ± 2.0	0.169 ± 0.002	0.00243 ± 0.00016	23.2 ± 2.0	Content (µg/L)
	Comments:				

February 4, 2026

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 14, 2026 (Sample Date) 10:21 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/28/2026	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/28/2026	20.1 ± 1.0		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	1/21/2026	23.2 ± 2.0	µg/L	
			Uranium 234	4007	1/21/2026	0.00243 ± 0.00016		
			Uranium 235	4008	1/21/2026	0.169 ± 0.002		
			Uranium 238	4009	1/21/2026	23.1 ± 2.0		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	1/31/2026	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	1/31/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	1/31/2026	< 0.8		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

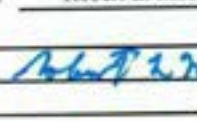
Specimen Number: RSE79141

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0379-01

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 14, 2026 (Sample Date) 10:21 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/26/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

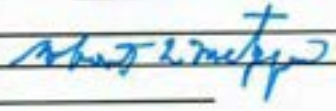
Specimen Number: RSE79141

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0379-01

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 14, 2026
Sample Received: January 16, 2026
Analysis Completed: February 04, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26A0379-02	8.6 ± 0.7	7.2 ± 0.9	1.4 ± 1.1	10.8 ± 1.5	< 0.5	< 0.8	< 0.8

Analysis Date/Time	1/28/2026	1/21/2026	1/28/2026	1/27/2026	1/31/2026	1/31/2026	1/31/2026
	17:31	11:21	17:31	2:01	19:47	19:47	19:47

February 4, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
(480) 897-9459
FAX (480) 892-5446
Website: www.redsafe.com

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 14, 2026
Sample Received: January 16, 2026
Uranium Analysis Date: January 21, 2026
Uranium Analysis Time: 11:21

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26A0379-02	2.3 ± 0.4	0.108 ± 0.003	4.7 ± 0.5	7.2 ± 0.9	Activity (pCi/L)
	6.9 ± 1.1	0.051 ± 0.001	0.00076 ± 0.00009	7.0 ± 1.1	Content (µg/L)
	Comments:				

February 4, 2026

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 14, 2026 (Sample Date) 12:20 (Sample Time) (24 hour clock) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/28/2026	1.4 ± 1.1		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/28/2026	8.6 ± 0.7		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	1/21/2026	7.0 ± 1.1	µg/L	
			Uranium 234	4007	1/21/2026	0.00076 ± 0.00009		
			Uranium 235	4008	1/21/2026	0.051 ± 0.001		
			Uranium 238	4009	1/21/2026	6.9 ± 1.1		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	1/31/2026	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	1/31/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	1/31/2026	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79142

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0379-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 14, 2026 (Sample Date) 12:20 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/27/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79142

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0379-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 14, 2026
Sample Received: January 16, 2026
Analysis Completed: February 04, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26A0379-03	10.0 ± 0.7	13.4 ± 1.2	< 1.0	12.4 ± 1.6	< 0.5	1.3 ± 0.3	1.3 ± 0.3

Analysis Date/Time	1/28/2026 19:11	1/21/2026 11:38	1/28/2026 19:11	1/27/2026 5:22	2/1/2026 0:002	2/1/2026 0:002	2/1/2026 0:002

February 4, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 14, 2026
Sample Received: January 16, 2026
Uranium Analysis Date: January 21, 2026
Uranium Analysis Time: 11:38

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26A0379-03	6.1 ± 0.6	0.283 ± 0.004	7.0 ± 0.6	13.4 ± 1.2	Activity (pCi/L)
	18.1 ± 1.8	0.132 ± 0.002	0.00113 ± 0.00010	18.2 ± 1.8	Content (µg/L)
	Comments:				

February 4, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 14, 2026 (Sample Date) 13:51 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/28/2026	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/28/2026	10.0 ± 0.7		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	1/21/2026	18.2 ± 1.8	µg/L	
			Uranium 234	4007	1/21/2026	0.00113 ± 0.00010		
			Uranium 235	4008	1/21/2026	0.132 ± 0.002		
			Uranium 238	4009	1/21/2026	18.1 ± 1.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	2/1/2026	1.3 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	2/1/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	2/1/2026	1.3 ± 0.3		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79143

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0379-03

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 14, 2026 (Sample Date) 13:51 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/27/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79143

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0379-03

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26A0379

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Kevin Brim Kbrim@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26A0379-01 Non-Potable Wa Sampled:01/14/2026 10:21			
Radiochemistry, Uranium	07/13/2026 10:21		
Radiochemistry, Radium 226/228	02/13/2026 10:21		
Radiochemistry, Gross Alpha Beta	07/13/2026 10:21		79141
Containers Supplied: 1			
Sample ID: 26A0379-02 Non-Potable Wa Sampled:01/14/2026 12:20			
Radiochemistry, Uranium	07/13/2026 12:20		
Radiochemistry, Radium 226/228	02/13/2026 12:20		
Radiochemistry, Gross Alpha Beta	07/13/2026 12:20		79142
Containers Supplied: 1			
Sample ID: 26A0379-03 Non-Potable Wa Sampled:01/14/2026 13:51			
Radiochemistry, Uranium	07/13/2026 13:51		
Radiochemistry, Radium 226/228	02/13/2026 13:51		
Radiochemistry, Gross Alpha Beta	07/13/2026 13:51		79143
Containers Supplied: 1			

Released By	Date	Received By	Date
[signature]	1/15/26 1600	UPS	1/15/26 1600
Released By	Date	Received By	Date
		QA	1/16/26 11:00

February 17, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 26A0433

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 5 sample(s) on 01/16/2026 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Date Received: 01/16/2026

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
26A0433-01	POC - 02	Ground Water	01/15/2026 1020
26A0433-02	POC - 05	Ground Water	01/15/2026 1205
26A0433-03	POC - 06	Ground Water	01/15/2026 1340
26A0433-04	POC - 07	Ground Water	01/15/2026 1019
26A0433-05	POC - 02 DUP	Ground Water	01/15/2026 1040

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Date Received: 01/16/2026

Case Narrative

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
R13	MS/MSD RPD exceeded method acceptance limit. Matrix spike recovery was outside acceptance criteria. Batch precision and accuracy were demonstrated.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-01

Client Sample ID: POC - 02
Collection Date/Time: 01/15/2026 1020
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	2.4	0.58	1.1		mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	2.4	0.28	0.60		mg/L	1	01/16/2026 0900	01/16/2026 1444	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	01/24/2026 1414	01/31/2026 1556	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.022	0.000016	0.00056		mg/L	1	01/27/2026 1537	01/30/2026 1645	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	220	0.13	4.0	M1	mg/L	1	01/28/2026 1338	02/05/2026 1602	RAR
Magnesium	67	0.10	3.0	M1	mg/L	1	01/28/2026 1338	02/05/2026 1602	RAR
Potassium	4.2	0.14	5.0	E4	mg/L	1	01/28/2026 1338	02/04/2026 1952	RAR
Sodium	34	0.58	5.0	M1	mg/L	1	01/28/2026 1338	02/05/2026 1602	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Antimony	0.00092	0.000039	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Arsenic	0.0073	0.00010	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Barium	0.024	0.000029	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Beryllium	0.000058	0.000013	0.00025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Chromium	0.00060	0.000023	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Cobalt	0.00026	0.000010	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Copper	0.0014	0.00015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Lead	0.000094	0.000057	0.00050	E4	mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Manganese	0.00040	0.000038	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Molybdenum	0.17	0.000025	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Nickel	0.0027	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Selenium	0.011	0.00025	0.0025		mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Thallium	0.000058	0.000023	0.00050	E4	mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
Uranium	0.019	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR

Client: Copper World, Inc. **Client Sample ID:** POC - 02
Project: Ambient GW Monitoring **Collection Date/Time:** 01/15/2026 1020
Work Order: 26A0433 **Matrix:** Ground Water
Lab Sample ID: 26A0433-01

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	ND	0.0023	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1748	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/02/2026 0839	02/02/2026 1513	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	91	7.5	10		mg/L	10	01/16/2026 0900	01/29/2026 0000	SS
Fluoride	1.7	0.18	0.50		mg/L	1	01/16/2026 0900	01/16/2026 1444	SS
Nitrogen, Nitrate (As N)	2.4	0.27	0.50		mg/L	1	01/16/2026 0900	01/16/2026 1444	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	01/16/2026 0900	01/16/2026 1444	SS
Sulfate	770	28	50		mg/L	10	01/16/2026 0900	02/04/2026 1456	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/30/2026 1343	01/30/2026 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	180	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Total (As CaCO3)	180	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400	20	20		mg/L	1	01/19/2026 0917	01/23/2026 1514	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	01/23/2026 0947	01/26/2026 1512	SJS
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-01

Client Sample ID: POC - 02
Collection Date/Time: 01/15/2026 1020
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.3			H5	-	1	01/20/2026 0945	12/20/2026 1514	IM
Temperature (°C)	20			H5	-	1	01/20/2026 0945	12/20/2026 1514	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	01/28/2026 1628	01/29/2026 0303	ES
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	01/28/2026 1628	01/29/2026 0303	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	01/28/2026 1628	01/29/2026 0303	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	01/28/2026 1628	01/29/2026 0303	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/28/2026 1628	01/29/2026 0303	ES
Surr: 4-Bromofluorobenzene	*116*	*70-130*			*%REC*	*1*	*01/28/2026 1628*	*01/29/2026 303*	*ES*
Surr: Dibromofluoromethane	*95*	*70-130*			*%REC*	*1*	*01/28/2026 1628*	*01/29/2026 303*	*ES*
Surr: Toluene-d8	*112*	*70-130*			*%REC*	*1*	*01/28/2026 1628*	*01/29/2026 303*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-02

Client Sample ID: POC - 05
Collection Date/Time: 01/15/2026 1205
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	01/16/2026 0900	01/16/2026 1508	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.67	0.022	0.33		mg/L	1	01/24/2026 1414	01/31/2026 1559	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.027	0.000016	0.00056		mg/L	1	01/27/2026 1537	01/30/2026 1648	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	45	0.13	4.0		mg/L	1	01/28/2026 1338	02/05/2026 1608	RAR
Magnesium	9.3	0.10	3.0		mg/L	1	01/28/2026 1338	02/05/2026 1608	RAR
Potassium	3.9	0.14	5.0	E4	mg/L	1	01/28/2026 1338	02/04/2026 1958	RAR
Sodium	54	0.58	5.0		mg/L	1	01/28/2026 1338	02/05/2026 1608	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Arsenic	0.0088	0.00010	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Barium	0.11	0.000029	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Beryllium	0.000031	0.000013	0.00025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Chromium	0.00083	0.000023	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Cobalt	0.00035	0.000010	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Copper	0.0014	0.00015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Manganese	0.37	0.000038	0.00025		mg/L	1	01/27/2026 0934	02/17/2026 1156	RAR
Molybdenum	0.039	0.000025	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Nickel	0.00058	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Selenium	0.0016	0.00025	0.0025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Thallium	0.000024	0.000023	0.00050	E4	mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Uranium	0.025	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1818	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-02

Client Sample ID: POC - 05
Collection Date/Time: 01/15/2026 1205
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/02/2026 0839	02/02/2026 1519	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	21	0.75	1.0		mg/L	1	01/16/2026 0900	01/16/2026 1508	SS
Fluoride	2.9	0.18	0.50		mg/L	1	01/16/2026 0900	01/16/2026 1508	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	01/16/2026 0900	01/16/2026 1508	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	01/16/2026 0900	01/16/2026 1508	SS
Sulfate	23	2.8	5.0		mg/L	1	01/16/2026 0900	01/16/2026 1508	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E4	mg/L	1	01/30/2026 1343	01/30/2026 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	240	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Total (As CaCO3)	240	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	330	20	20		mg/L	1	01/19/2026 0917	01/23/2026 1514	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	01/23/2026 0947	01/26/2026 1512	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.6			H5	-	1	01/20/2026 0945	01/20/2026 1520	IM
Temperature (°C)	20			H5	-	1	01/20/2026 0945	01/20/2026 1520	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-02

Client Sample ID: POC - 05
Collection Date/Time: 01/15/2026 1205
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	01/28/2026 1628	01/29/2026 0339	ES
Carbon disulfide	1.5	0.11	2.0	E4	ug/L	1	01/28/2026 1628	01/29/2026 0339	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	01/28/2026 1628	01/29/2026 0339	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	01/28/2026 1628	01/29/2026 0339	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/28/2026 1628	01/29/2026 0339	ES
Surr: 4-Bromofluorobenzene	*116*	*70-130*			*%REC*	*1*	*01/28/2026 1628*	*01/29/2026 339*	*ES*
Surr: Dibromofluoromethane	*96*	*70-130*			*%REC*	*1*	*01/28/2026 1628*	*01/29/2026 339*	*ES*
Surr: Toluene-d8	*113*	*70-130*			*%REC*	*1*	*01/28/2026 1628*	*01/29/2026 339*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-03

Client Sample ID: POC - 06
Collection Date/Time: 01/15/2026 1340
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	01/16/2026 0900	01/16/2026 1532	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	01/24/2026 1414	01/31/2026 1602	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.018	0.000016	0.00056		mg/L	1	01/27/2026 1537	01/30/2026 1651	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	67	0.13	4.0		mg/L	1	01/28/2026 1338	02/05/2026 1614	RAR
Magnesium	18	0.10	3.0		mg/L	1	01/28/2026 1338	02/05/2026 1614	RAR
Potassium	4.9	0.14	5.0	E4	mg/L	1	01/28/2026 1338	02/04/2026 2004	RAR
Sodium	46	0.58	5.0		mg/L	1	01/28/2026 1338	02/05/2026 1614	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Antimony	0.0033	0.000039	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Arsenic	0.0030	0.00010	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Barium	0.061	0.000029	0.00050		mg/L	1	01/27/2026 0934	02/17/2026 1159	RAR
Beryllium	0.000025	0.000013	0.00025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Chromium	0.00076	0.000023	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Cobalt	0.000070	0.000010	0.00025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Copper	0.0021	0.00015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Manganese	0.0015	0.000038	0.00025		mg/L	1	01/27/2026 0934	02/17/2026 1159	RAR
Molybdenum	0.13	0.000025	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Nickel	0.0013	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Selenium	0.0012	0.00025	0.0025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Uranium	0.017	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR
Zinc	0.011	0.0023	0.040	E4	mg/L	1	01/27/2026 0934	01/28/2026 1821	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-03

Client Sample ID: POC - 06
Collection Date/Time: 01/15/2026 1340
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/02/2026 0839	02/02/2026 1527	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	41	3.8	5.0		mg/L	5	01/16/2026 0900	01/29/2026 0024	SS
Fluoride	2.8	0.18	0.50		mg/L	1	01/16/2026 0900	01/16/2026 1532	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	01/16/2026 0900	01/16/2026 1532	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	01/16/2026 0900	01/16/2026 1532	SS
Sulfate	120	14	25		mg/L	5	01/16/2026 0900	01/29/2026 0024	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	0.63	0.13	0.50		mg/L	1	01/30/2026 1343	01/30/2026 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Total (As CaCO3)	190	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	440	20	20		mg/L	1	01/19/2026 0917	01/23/2026 1514	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	01/23/2026 0947	01/26/2026 1512	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.5			H5	-	1	01/20/2026 0945	01/20/2026 1523	IM
Temperature (°C)	20			H5	-	1	01/20/2026 0945	01/20/2026 1523	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-03

Client Sample ID: POC - 06
Collection Date/Time: 01/15/2026 1340
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	01/28/2026 1628	01/29/2026 0415	ES
Carbon disulfide	1.4	0.11	2.0	E4	ug/L	1	01/28/2026 1628	01/29/2026 0415	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	01/28/2026 1628	01/29/2026 0415	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	01/28/2026 1628	01/29/2026 0415	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/28/2026 1628	01/29/2026 0415	ES
Surr: 4-Bromofluorobenzene	*117*	*70-130*			*%REC*	*1*	*01/28/2026 1628*	*01/29/2026 415*	*ES*
Surr: Dibromofluoromethane	*96*	*70-130*			*%REC*	*1*	*01/28/2026 1628*	*01/29/2026 415*	*ES*
Surr: Toluene-d8	*110*	*70-130*			*%REC*	*1*	*01/28/2026 1628*	*01/29/2026 415*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-04

Client Sample ID: POC - 07
Collection Date/Time: 01/15/2026 1019
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	01/16/2026 0900	01/16/2026 1555	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.063	0.022	0.33	E4	mg/L	1	01/28/2026 1334	02/05/2026 1226	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	130	0.13	4.0		mg/L	1	01/28/2026 1415	02/05/2026 1621	RAR
Magnesium	13	0.10	3.0		mg/L	1	01/28/2026 1415	02/05/2026 1621	RAR
Potassium	9.4	0.14	5.0		mg/L	1	01/28/2026 1415	02/04/2026 2010	RAR
Sodium	7.7	0.58	5.0		mg/L	1	01/28/2026 1415	02/05/2026 1621	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Antimony	0.00027	0.000039	0.00050	E4	mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Arsenic	0.0070	0.00010	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Barium	0.035	0.000029	0.00050		mg/L	1	01/27/2026 0934	02/17/2026 1202	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Chromium	0.00049	0.000023	0.00050	E4	mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Cobalt	0.00018	0.000010	0.00025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Copper	0.00025	0.00015	0.00050	E4	mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Manganese	0.26	0.000038	0.00025		mg/L	1	01/27/2026 0934	02/17/2026 1202	RAR
Molybdenum	0.056	0.000025	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Nickel	0.0016	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Selenium	0.0012	0.00025	0.0025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Uranium	0.0016	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1824	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/02/2026 0839	02/02/2026 1533	ICP

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-04

Client Sample ID: POC - 07
Collection Date/Time: 01/15/2026 1019
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11	0.75	1.0		mg/L	1	01/16/2026 0900	01/16/2026 1555	SS
Fluoride	0.48	0.18	0.50	E4	mg/L	1	01/16/2026 0900	01/16/2026 1555	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	01/16/2026 0900	01/16/2026 1555	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	01/16/2026 0900	01/16/2026 1555	SS
Sulfate	260	14	25		mg/L	5	01/16/2026 0900	02/04/2026 1608	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/30/2026 1343	01/30/2026 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	140	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Total (As CaCO3)	140	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	590	20	20		mg/L	1	01/19/2026 0917	01/23/2026 1514	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	01/23/2026 0947	01/26/2026 1512	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.4			H5	-	1	01/20/2026 0945	01/20/2026 1525	IM
Temperature (°C)	20			H5	-	1	01/20/2026 0945	01/20/2026 1525	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	01/29/2026 1315	01/29/2026 1622	KP

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-04

Client Sample ID: POC - 07
Collection Date/Time: 01/15/2026 1019
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	01/29/2026 1315	01/29/2026 1622	KP
Ethylbenzene	0.26	0.054	0.50	E4	ug/L	1	01/29/2026 1315	01/29/2026 1622	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	01/29/2026 1315	01/29/2026 1622	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/29/2026 1315	01/29/2026 1622	KP
Surr: 4-Bromofluorobenzene	*94*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/29/2026 1622*	*KP*
Surr: Dibromofluoromethane	*101*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/29/2026 1622*	*KP*
Surr: Toluene-d8	*98*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/29/2026 1622*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-05

Client Sample ID: POC - 02 DUP
Collection Date/Time: 01/15/2026 1040
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	2.3	0.58	1.1		mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	2.3	0.28	0.60		mg/L	1	01/16/2026 0900	01/16/2026 1632	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	01/28/2026 1334	02/05/2026 1233	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.022	0.000016	0.00056		mg/L	1	01/27/2026 1537	01/30/2026 1654	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	260	0.13	4.0		mg/L	1	01/28/2026 1415	02/05/2026 1624	RAR
Magnesium	80	0.10	3.0		mg/L	1	01/28/2026 1415	02/05/2026 1624	RAR
Potassium	5.1	0.14	5.0		mg/L	1	01/28/2026 1415	02/04/2026 2013	RAR
Sodium	37	0.58	5.0		mg/L	1	01/28/2026 1415	02/05/2026 1624	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Antimony	0.00088	0.000039	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Arsenic	0.0069	0.00010	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Barium	0.027	0.000029	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Beryllium	0.000022	0.000013	0.00025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Chromium	0.00062	0.000023	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Cobalt	0.00023	0.000010	0.00025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Copper	0.0014	0.00015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Manganese	0.00045	0.000038	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Molybdenum	0.18	0.000025	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Nickel	0.0029	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Selenium	0.0094	0.00025	0.0025		mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Uranium	0.021	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR
Zinc	0.0027	0.0023	0.040	E4	mg/L	1	01/27/2026 0934	01/28/2026 1827	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-05

Client Sample ID: POC - 02 DUP
Collection Date/Time: 01/15/2026 1040
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/02/2026 0839	02/02/2026 1540	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	93	7.5	10		mg/L	10	01/16/2026 0900	01/29/2026 0112	SS
Fluoride	1.8	0.18	0.50		mg/L	1	01/16/2026 0900	01/16/2026 1632	SS
Nitrogen, Nitrate (As N)	2.3	0.27	0.50		mg/L	1	01/16/2026 0900	01/16/2026 1632	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	01/16/2026 0900	01/16/2026 1632	SS
Sulfate	740	56	100		mg/L	20	01/16/2026 0900	01/29/2026 0136	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	01/30/2026 1343	01/30/2026 1616	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	180	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Total (As CaCO3)	180	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400	20	20		mg/L	1	01/19/2026 0917	01/23/2026 1514	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	01/23/2026 0947	01/26/2026 1512	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.2			H5	-	1	01/20/2026 0945	01/20/2026 1530	IM
Temperature (°C)	21			H5	-	1	01/20/2026 0945	01/20/2026 1530	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Lab Sample ID: 26A0433-05

Client Sample ID: POC - 02 DUP
Collection Date/Time: 01/15/2026 1040
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	01/29/2026 1315	01/29/2026 1702	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	01/29/2026 1315	01/29/2026 1702	KP
Ethylbenzene	0.26	0.054	0.50	E4	ug/L	1	01/29/2026 1315	01/29/2026 1702	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	01/29/2026 1315	01/29/2026 1702	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/29/2026 1315	01/29/2026 1702	KP
Surr: 4-Bromofluorobenzene	*94*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/29/2026 1702*	*KP*
Surr: Dibromofluoromethane	*102*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/29/2026 1702*	*KP*
Surr: Toluene-d8	*97*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/29/2026 1702*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Date Received: 01/16/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601263 - E200.7 (4.4)										
Blank (2601263-BLK1)				Prepared: 01/28/2026 Analyzed: 01/31/2026						
Iron	ND	0.30	mg/L							
LCS (2601263-BS1)				Prepared: 01/28/2026 Analyzed: 01/31/2026						
Iron	1.0	0.30	mg/L	1.000		100	85-115			
LCS Dup (2601263-BSD1)				Prepared: 01/28/2026 Analyzed: 01/31/2026						
Iron	1.0	0.30	mg/L	1.000		101	85-115	0.1	20	
Matrix Spike (2601263-MS1)		**Source: 26A0252-01**		Prepared: 01/28/2026 Analyzed: 01/31/2026						
Iron	2.3	0.30	mg/L	1.000		226	70-130			
Matrix Spike (2601263-MS2)		**Source: 26A0254-01**		Prepared: 01/28/2026 Analyzed: 01/31/2026						
Iron	4.1	0.30	mg/L	1.000	3.2	96	70-130			
Batch 2601264 - EPA 200.8 (5.4)										
Blank (2601264-BLK1)				Prepared: 01/27/2026 Analyzed: 01/28/2026						
Aluminum	ND	0.040	mg/L							
Antimony	0.000046	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	0.000048	0.00050	mg/L							
Beryllium	0.000030	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	0.000053	0.00050	mg/L							
Cobalt	0.000038	0.00025	mg/L							
Copper	0.00027	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	0.00020	0.00025	mg/L							
Nickel	0.000047	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	0.000047	0.00050	mg/L							
Uranium	0.000056	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Date Received: 01/16/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601264 - EPA 200.8 (5.4)										
LCS (2601264-BS1)				Prepared: 01/27/2026 Analyzed: 01/28/2026						
Aluminum	0.10	0.040	mg/L	0.1000		102	85-115			
Antimony	0.052	0.00050	mg/L	0.05000		103	85-115			
Arsenic	0.051	0.00050	mg/L	0.05000		102	85-115			
Barium	0.050	0.00050	mg/L	0.05000		100	85-115			
Beryllium	0.051	0.00025	mg/L	0.05000		103	85-115			
Cadmium	0.051	0.00025	mg/L	0.05000		102	85-115			
Chromium	0.051	0.00050	mg/L	0.05000		102	85-115			
Cobalt	0.051	0.00025	mg/L	0.05000		101	85-115			
Copper	0.051	0.00050	mg/L	0.05000		101	85-115			
Lead	0.045	0.00050	mg/L	0.05000		90	85-115			
Manganese	0.054	0.00025	mg/L	0.05000		108	85-115			
Molybdenum	0.052	0.00025	mg/L	0.05000		103	85-115			
Nickel	0.051	0.00050	mg/L	0.05000		101	85-115			
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115			
Uranium	0.047	0.00050	mg/L	0.05000		95	85-115			
Zinc	0.10	0.040	mg/L	0.1000		102	85-115			
LCS Dup (2601264-BSD1)				Prepared: 01/27/2026 Analyzed: 01/28/2026						
Aluminum	0.10	0.040	mg/L	0.1000		102	85-115	0.4	20	
Antimony	0.051	0.00050	mg/L	0.05000		103	85-115	0.5	20	
Arsenic	0.051	0.00050	mg/L	0.05000		102	85-115	0.3	20	
Barium	0.052	0.00050	mg/L	0.05000		105	85-115	4	20	
Beryllium	0.052	0.00025	mg/L	0.05000		104	85-115	0.9	20	
Cadmium	0.051	0.00025	mg/L	0.05000		102	85-115	0.3	20	
Chromium	0.051	0.00050	mg/L	0.05000		102	85-115	0.07	20	
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115	0.3	20	
Copper	0.051	0.00050	mg/L	0.05000		101	85-115	0.3	20	
Lead	0.045	0.00050	mg/L	0.05000		90	85-115	0.2	20	
Manganese	0.053	0.00025	mg/L	0.05000		106	85-115	2	20	
Molybdenum	0.051	0.00025	mg/L	0.05000		102	85-115	1	20	
Nickel	0.050	0.00050	mg/L	0.05000		101	85-115	0.4	20	
Selenium	0.051	0.0025	mg/L	0.05000		102	85-115	2	20	
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115	2	20	
Uranium	0.048	0.00050	mg/L	0.05000		95	85-115	0.5	20	
Zinc	0.10	0.040	mg/L	0.1000		103	85-115	1	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Date Received: 01/16/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601264 - EPA 200.8 (5.4)										
Matrix Spike (2601264-MS1)		**Source: 26A0394-01**		Prepared: 01/27/2026 Analyzed: 01/28/2026						
Aluminum	0.22	0.040	mg/L	0.3000	ND	74	70-130			
Antimony	0.17	0.00050	mg/L	0.1500	0.00058	115	70-130			
Arsenic	0.18	0.00050	mg/L	0.1500	0.00083	119	70-130			
Barium	0.27	0.00050	mg/L	0.1500	0.081	127	70-130			
Beryllium	0.16	0.00025	mg/L	0.1500	0.000095	104	70-130			
Cadmium	0.15	0.00025	mg/L	0.1500	ND	101	70-130			
Chromium	0.16	0.00050	mg/L	0.1500	0.00038	108	70-130			
Cobalt	0.16	0.00025	mg/L	0.1500	0.00056	105	70-130			
Copper	0.14	0.00050	mg/L	0.1500	0.0053	92	70-130			
Lead	0.16	0.00050	mg/L	0.1500	0.000078	104	70-130			
Manganese	0.50	0.00025	mg/L	0.1500	0.35	97	70-130			
Molybdenum	0.18	0.00025	mg/L	0.1500	0.0061	118	70-130			
Nickel	0.16	0.00050	mg/L	0.1500	0.010	97	70-130			
Selenium	0.17	0.0025	mg/L	0.1500	0.00090	113	70-130			
Thallium	0.17	0.00050	mg/L	0.1500	0.000027	114	70-130			
Uranium	0.19	0.00050	mg/L	0.1500	0.0059	125	70-130			
Zinc	0.21	0.040	mg/L	0.3000	0.012	67	70-130			M2
Matrix Spike (2601264-MS2)		**Source: 26A0433-01**		Prepared: 01/27/2026 Analyzed: 01/28/2026						
Aluminum	0.19	0.040	mg/L	0.3000	ND	64	70-130			M2
Antimony	0.14	0.00050	mg/L	0.1500	0.00092	92	70-130			
Arsenic	0.16	0.00050	mg/L	0.1500	0.0073	102	70-130			
Barium	0.17	0.00050	mg/L	0.1500	0.024	98	70-130			
Beryllium	0.13	0.00025	mg/L	0.1500	0.000058	85	70-130			
Cadmium	0.13	0.00025	mg/L	0.1500	ND	89	70-130			
Chromium	0.14	0.00050	mg/L	0.1500	0.00060	93	70-130			
Cobalt	0.13	0.00025	mg/L	0.1500	0.00026	88	70-130			
Copper	0.12	0.00050	mg/L	0.1500	0.0014	78	70-130			
Lead	0.13	0.00050	mg/L	0.1500	0.000094	90	70-130			
Manganese	0.14	0.00025	mg/L	0.1500	0.00040	93	70-130			
Molybdenum	0.32	0.00025	mg/L	0.1500	0.17	101	70-130			
Nickel	0.13	0.00050	mg/L	0.1500	0.0027	84	70-130			
Selenium	0.16	0.0025	mg/L	0.1500	0.011	102	70-130			
Thallium	0.15	0.00050	mg/L	0.1500	0.000058	98	70-130			
Uranium	0.19	0.00050	mg/L	0.1500	0.019	112	70-130			
Zinc	0.18	0.040	mg/L	0.3000	ND	61	70-130			M2
Batch 2601279 - E200.8 (5.4)										
Blank (2601279-BLK1)				Prepared: 01/29/2026 Analyzed: 01/30/2026						
Uranium	ND	0.00050	mg/L							
LCS (2601279-BS1)				Prepared: 01/29/2026 Analyzed: 01/30/2026						
Uranium	0.051	0.00050	mg/L	0.05000		103	85-115			
LCS Dup (2601279-BSD1)				Prepared: 01/29/2026 Analyzed: 01/30/2026						
Uranium	0.051	0.00050	mg/L	0.05000		102	85-115	0.4	20	
Matrix Spike (2601279-MS1)		**Source: 26A0328-01**		Prepared: 01/29/2026 Analyzed: 01/30/2026						
Uranium	0.060	0.00050	mg/L	0.05000	0.000015	121	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Date Received: 01/16/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601279 - E200.8 (5.4)										
Matrix Spike (2601279-MS2)		**Source: 26A0394-01**		Prepared: 01/29/2026 Analyzed: 01/30/2026						
Uranium	0.075	0.00050	mg/L	0.05000	0.0069	136	70-130			M1
Batch 2602002 - EPA 245.1										
Blank (2602002-BLK1)				Prepared & Analyzed: 02/02/2026						
Mercury	ND	0.0010	mg/L							
LCS (2602002-BS1)				Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000		102	85-115			
LCS Dup (2602002-BSD1)				Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000		103	85-115	0.7	20	
Matrix Spike (2602002-MS1)		**Source: 26A0350-02**		Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	102	70-130			
Matrix Spike (2602002-MS2)		**Source: 26A0350-03**		Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	102	70-130			
Matrix Spike Dup (2602002-MSD1)		**Source: 26A0350-02**		Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	103	70-130	0.6	20	
Matrix Spike Dup (2602002-MSD2)		**Source: 26A0350-03**		Prepared & Analyzed: 02/02/2026						
Mercury	0.0050	0.0010	mg/L	0.005000	ND	101	70-130	0.9	20	
Batch 2602008 - EPA 200.7 (4.4)										
Blank (2602008-BLK1)				Prepared: 02/03/2026 Analyzed: 02/05/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.5	5.0	mg/L							
LCS (2602008-BS1)				Prepared: 02/03/2026 Analyzed: 02/05/2026						
Calcium	10	4.0	mg/L	10.00		103	85-115			
Magnesium	10	3.0	mg/L	10.00		103	85-115			
Potassium	9.9	5.0	mg/L	10.00		99	85-115			
Sodium	11	5.0	mg/L	10.00		107	85-115			
LCS Dup (2602008-BSD1)				Prepared: 02/03/2026 Analyzed: 02/05/2026						
Calcium	10	4.0	mg/L	10.00		103	85-115	0.9	20	
Magnesium	10	3.0	mg/L	10.00		102	85-115	0.6	20	
Potassium	9.9	5.0	mg/L	10.00		99	85-115	0.2	20	
Sodium	11	5.0	mg/L	10.00		106	85-115	1	20	
Matrix Spike (2602008-MS1)		**Source: 26A0433-01**		Prepared: 02/03/2026 Analyzed: 02/05/2026						
Calcium	260	4.0	mg/L	10.00	220	435	70-130			M1
Magnesium	87	3.0	mg/L	10.00	67	202	70-130			M1
Potassium	14	5.0	mg/L	10.00	4.2	100	70-130			
Sodium	49	5.0	mg/L	10.00	34	150	70-130			M1

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Date Received: 01/16/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602008 - EPA 200.7 (4.4)										
Matrix Spike (2602008-MS2)	**Source: 26A0433-02**			Prepared: 02/03/2026 Analyzed: 02/05/2026						
Calcium	53	4.0	mg/L	10.00	45	89	70-130			
Magnesium	19	3.0	mg/L	10.00	9.3	102	70-130			
Potassium	14	5.0	mg/L	10.00	3.9	101	70-130			
Sodium	62	5.0	mg/L	10.00	54	80	70-130			
Batch 2602019 - E200.7 (4.4)										
Blank (2602019-BLK1)				Prepared: 01/28/2026 Analyzed: 02/05/2026						
Iron	ND	0.30	mg/L							
LCS (2602019-BS1)				Prepared: 01/28/2026 Analyzed: 02/05/2026						
Iron	1.0	0.30	mg/L	1.000		103	85-115			
LCS Dup (2602019-BSD1)				Prepared: 01/28/2026 Analyzed: 02/05/2026						
Iron	1.0	0.30	mg/L	1.000		104	85-115	2	20	
Matrix Spike (2602019-MS1)	**Source: 26A0008-02**			Prepared: 01/28/2026 Analyzed: 02/05/2026						
Iron	1.1	0.30	mg/L	1.000	0.059	100	70-130			
Matrix Spike (2602019-MS2)	**Source: 26A0433-04**			Prepared: 01/28/2026 Analyzed: 02/05/2026						
Iron	1.1	0.30	mg/L	1.000	0.063	105	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Date Received: 01/16/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601144 - SM2540 C										
Duplicate (2601144-DUP1)		**Source: 26A0433-01**		Prepared: 01/19/2026 Analyzed: 01/23/2026						
Total Dissolved Solids (Residue, Filterable)	1400	20	mg/L		1400			3	5	
Duplicate (2601144-DUP2)		**Source: 26A0433-02**		Prepared: 01/19/2026 Analyzed: 01/23/2026						
Total Dissolved Solids (Residue, Filterable)	330	20	mg/L		330			0.9	5	
Batch 2601158 - SM4500-H+ B										
Duplicate (2601158-DUP1)		**Source: 26A0379-02**		Prepared & Analyzed: 01/20/2026						
pH (pH Units)	7.3		-		7.3			0.1	200	
Temperature (°C)	20		-		19			3	200	
Duplicate (2601158-DUP2)		**Source: 26A0433-05**		Prepared & Analyzed: 01/20/2026						
pH (pH Units)	7.3		-		7.2			1	200	
Temperature (°C)	21		-		21			0.5	200	
Batch 2601215 - SM4500-CN BE										
Blank (2601215-BLK1)				Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	ND	0.10	mg/L							
LCS (2601215-BS1)				Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	2.0	0.10	mg/L	2.000		98	85-115			
LCS Dup (2601215-BSD1)				Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	2.0	0.10	mg/L	2.000		99	85-115	0.7	15	
Matrix Spike (2601215-MS1)		**Source: 26A0483-04**		Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	96	80-120			
Matrix Spike Dup (2601215-MSD1)		**Source: 26A0483-04**		Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	1.8	0.10	mg/L	2.000	ND	92	80-120	4	15	
Batch 2601243 - EPA 351.2										
Blank (2601243-BLK1)				Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2601243-BS1)				Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		100	80-120			
LCS Dup (2601243-BSD1)				Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		100	80-120	0	20	
Matrix Spike (2601243-MS1)		**Source: 26A0530-01**		Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	5.6	0.50	mg/L	5.000	0.57	100	80-120			
Matrix Spike (2601243-MS2)		**Source: 26A0579-02**		Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	ND	100	80-120			
Matrix Spike Dup (2601243-MSD1)		**Source: 26A0530-01**		Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000	0.57	96	80-120	3	20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601243 - EPA 351.2										
Matrix Spike Dup (2601243-MSD2)		**Source: 26A0579-02**		Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000	ND	97	80-120	2	20	
Batch 2601257 - SM2320B										
Blank (2601257-BLK1)				Prepared & Analyzed: 01/28/2026						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2601257-BS1)				Prepared & Analyzed: 01/28/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		98	90-110			
LCS Dup (2601257-BSD1)				Prepared & Analyzed: 01/28/2026						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110	2	10	
Matrix Spike (2601257-MS1)		**Source: 26A0483-04**		Prepared & Analyzed: 01/28/2026						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	28	98	70-130			
Matrix Spike Dup (2601257-MSD1)		**Source: 26A0483-04**		Prepared & Analyzed: 01/28/2026						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	28	97	70-130	0.7	10	
Batch 2601282 - SM 4500-NH3 B, F										
Blank (2601282-BLK1)				Prepared & Analyzed: 01/30/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2601282-BS1)				Prepared & Analyzed: 01/30/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		102	85-115			
LCS Dup (2601282-BSD1)				Prepared & Analyzed: 01/30/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		104	85-115	2	10	
Matrix Spike (2601282-MS1)		**Source: 26A0010-03**		Prepared & Analyzed: 01/30/2026						
Nitrogen, Ammonia (As N)	3.0	0.50	mg/L	2.500	3.0	0	80-120			M2
Matrix Spike Dup (2601282-MSD1)		**Source: 26A0010-03**		Prepared & Analyzed: 01/30/2026						
Nitrogen, Ammonia (As N)	2.8	0.50	mg/L	2.500	3.0	NR	80-120	5	20	M2

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601267 - SW8260B										
Blank (2601267-BLK1)				Prepared & Analyzed: 01/28/2026						
Benzene	ND	0.50	ug/L							
Carbon disulfide	1.4	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*57.4*		*ug/L*	*50.00*		*115*	*70-130*			
Surrogate: Dibromofluoromethane	*46.7*		*ug/L*	*50.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*55.5*		*ug/L*	*50.00*		*111*	*70-130*			
LCS (2601267-BS1)				Prepared & Analyzed: 01/28/2026						
1,1-Dichloroethene	47	0.50	ug/L	50.00		94	70-130			
Benzene	55	0.50	ug/L	50.00		111	70-130			
Chlorobenzene	49	0.50	ug/L	50.00		98	70-130			
Toluene	52	0.50	ug/L	50.00		104	70-130			
Trichloroethene	52	0.50	ug/L	50.00		103	70-130			
Surrogate: 4-Bromofluorobenzene	*57.5*		*ug/L*	*50.00*		*115*	*70-130*			
Surrogate: Dibromofluoromethane	*48.2*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
LCS Dup (2601267-BSD1)				Prepared & Analyzed: 01/28/2026						
1,1-Dichloroethene	50	0.50	ug/L	50.00		100	70-130	7	30	
Benzene	59	0.50	ug/L	50.00		118	70-130	6	30	
Chlorobenzene	54	0.50	ug/L	50.00		107	70-130	9	30	
Toluene	55	0.50	ug/L	50.00		111	70-130	6	30	
Trichloroethene	55	0.50	ug/L	50.00		110	70-130	6	30	
Surrogate: 4-Bromofluorobenzene	*57.4*		*ug/L*	*50.00*		*115*	*70-130*			
Surrogate: Dibromofluoromethane	*47.9*		*ug/L*	*50.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*54.5*		*ug/L*	*50.00*		*109*	*70-130*			
Matrix Spike (2601267-MS1)		**Source: 25L0551-01RE4**		Prepared: 01/28/2026 Analyzed: 01/29/2026						
1,1-Dichloroethene	48000	500	ug/L	50000	ND	97	70-130			
Benzene	57000	500	ug/L	50000	1000	113	70-130			
Chlorobenzene	50000	500	ug/L	50000	960	98	70-130			
Toluene	53000	500	ug/L	50000	660	105	70-130			
Trichloroethene	51000	500	ug/L	50000	570	101	70-130			
Surrogate: 4-Bromofluorobenzene	*54800*		*ug/L*	*50000*		*110*	*70-130*			
Surrogate: Dibromofluoromethane	*48300*		*ug/L*	*50000*		*97*	*70-130*			
Surrogate: Toluene-d8	*53500*		*ug/L*	*50000*		*107*	*70-130*			
Matrix Spike Dup (2601267-MSD1)		**Source: 25L0551-01RE4**		Prepared: 01/28/2026 Analyzed: 01/29/2026						
1,1-Dichloroethene	52000	500	ug/L	50000	ND	104	70-130	7	30	
Benzene	61000	500	ug/L	50000	1000	121	70-130	7	30	
Chlorobenzene	53000	500	ug/L	50000	960	103	70-130	5	30	
Toluene	55000	500	ug/L	50000	660	109	70-130	4	30	
Trichloroethene	56000	500	ug/L	50000	570	111	70-130	10	30	
Surrogate: 4-Bromofluorobenzene	*56000*		*ug/L*	*50000*		*112*	*70-130*			
Surrogate: Dibromofluoromethane	*49700*		*ug/L*	*50000*		*99*	*70-130*			
Surrogate: Toluene-d8	*54000*		*ug/L*	*50000*		*108*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601276 - SW8260B										
Blank (2601276-BLK1)				Prepared & Analyzed: 01/29/2026						
Benzene	0.16	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.30	0.50	ug/L							
Toluene	0.13	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*24.9*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Dibromofluoromethane	*25.7*		*ug/L*	*25.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*25.4*		*ug/L*	*25.00*		*102*	*70-130*			
Blank (2601276-BLK2)				Prepared: 01/29/2026 Analyzed: 01/30/2026						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.26	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Dibromofluoromethane	*26.4*		*ug/L*	*25.00*		*106*	*70-130*			
Surrogate: Toluene-d8	*26.1*		*ug/L*	*25.00*		*105*	*70-130*			
LCS (2601276-BS1)				Prepared & Analyzed: 01/29/2026						
1,1-Dichloroethene	28		ug/L	25.00		110	70-130			
Benzene	28		ug/L	25.00		113	70-130			
Chlorobenzene	29		ug/L	25.00		117	70-130			
Toluene	27		ug/L	25.00		109	70-130			
Trichloroethene	27		ug/L	25.00		106	70-130			
Surrogate: 4-Bromofluorobenzene	*25.6*		*ug/L*	*25.00*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*25.6*		*ug/L*	*25.00*		*102*	*70-130*			
Surrogate: Toluene-d8	*25.7*		*ug/L*	*25.00*		*103*	*70-130*			
LCS (2601276-BS2)				Prepared: 01/29/2026 Analyzed: 01/30/2026						
1,1-Dichloroethene	29		ug/L	25.00		117	70-130			
Benzene	29		ug/L	25.00		115	70-130			
Chlorobenzene	28		ug/L	25.00		112	70-130			
Toluene	28		ug/L	25.00		111	70-130			
Trichloroethene	27		ug/L	25.00		107	70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/L*	*25.00*		*98*	*70-130*			
Surrogate: Dibromofluoromethane	*26.2*		*ug/L*	*25.00*		*105*	*70-130*			
Surrogate: Toluene-d8	*26.0*		*ug/L*	*25.00*		*104*	*70-130*			
LCS Dup (2601276-BSD1)				Prepared & Analyzed: 01/29/2026						
1,1-Dichloroethene	25		ug/L	25.00		100	70-130	10	30	
Benzene	29		ug/L	25.00		115	70-130	2	30	
Chlorobenzene	30		ug/L	25.00		120	70-130	3	30	
Toluene	28		ug/L	25.00		112	70-130	3	30	
Trichloroethene	27		ug/L	25.00		108	70-130	1	30	
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Dibromofluoromethane	*26.1*		*ug/L*	*25.00*		*104*	*70-130*			
Surrogate: Toluene-d8	*25.5*		*ug/L*	*25.00*		*102*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601276 - SW8260B										
LCS Dup (2601276-BSD2)				Prepared: 01/29/2026 Analyzed: 01/30/2026						
1,1-Dichloroethene	27		ug/L	25.00		109	70-130	8	30	
Benzene	26		ug/L	25.00		105	70-130	9	30	
Chlorobenzene	26		ug/L	25.00		105	70-130	6	30	
Toluene	26		ug/L	25.00		104	70-130	6	30	
Trichloroethene	24		ug/L	25.00		98	70-130	9	30	
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/L*	*25.00*		*96*	*70-130*			
Surrogate: Dibromofluoromethane	*25.2*		*ug/L*	*25.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*25.8*		*ug/L*	*25.00*		*103*	*70-130*			
Matrix Spike (2601276-MS1)	**Source: 26A0443-01**			Prepared & Analyzed: 01/29/2026						
1,1-Dichloroethene	25		ug/L	25.00	0.0	100	70-130			
Benzene	27		ug/L	25.00	0.0	110	70-130			
Chlorobenzene	28		ug/L	25.00	0.0	111	70-130			
Toluene	27		ug/L	25.00	0.0	108	70-130			
Trichloroethene	29		ug/L	25.00	2.4	105	70-130			
Surrogate: 4-Bromofluorobenzene	*22.7*		*ug/L*	*25.00*		*91*	*70-130*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*23.8*		*ug/L*	*25.00*		*95*	*70-130*			
Matrix Spike (2601276-MS2)	**Source: 26A0527-01**			Prepared: 01/29/2026 Analyzed: 01/30/2026						
1,1-Dichloroethene	24		ug/L	25.00	0.010	98	70-130			
Benzene	24		ug/L	25.00	0.010	96	70-130			
Chlorobenzene	24		ug/L	25.00	0.0	94	70-130			
Toluene	23		ug/L	25.00	0.060	92	70-130			
Trichloroethene	22		ug/L	25.00	0.0	88	70-130			
Surrogate: 4-Bromofluorobenzene	*22.4*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*23.9*		*ug/L*	*25.00*		*96*	*70-130*			
Matrix Spike Dup (2601276-MSD1)	**Source: 26A0443-01**			Prepared & Analyzed: 01/29/2026						
1,1-Dichloroethene	5.3		ug/L	25.00	0.0	21	70-130	130	30	M2, R13
Benzene	5.1		ug/L	25.00	0.0	20	70-130	137	30	M2, R13
Chlorobenzene	4.7		ug/L	25.00	0.0	19	70-130	142	30	M2, R13
Toluene	5.0		ug/L	25.00	0.0	20	70-130	137	30	M2, R13
Trichloroethene	7.3		ug/L	25.00	2.4	20	70-130	119	30	M2, R13
Surrogate: 4-Bromofluorobenzene	*32.6*		*ug/L*	*25.00*		*131*	*70-130*			*S10*
Surrogate: Dibromofluoromethane	*34.1*		*ug/L*	*25.00*		*136*	*70-130*			*S10*
Surrogate: Toluene-d8	*33.0*		*ug/L*	*25.00*		*132*	*70-130*			*S10*
Matrix Spike Dup (2601276-MSD2)	**Source: 26A0527-01**			Prepared: 01/29/2026 Analyzed: 01/30/2026						
1,1-Dichloroethene	26		ug/L	25.00	0.010	103	70-130	5	30	
Benzene	26		ug/L	25.00	0.010	102	70-130	7	30	
Chlorobenzene	25		ug/L	25.00	0.0	101	70-130	7	30	
Toluene	25		ug/L	25.00	0.060	99	70-130	7	30	
Trichloroethene	23		ug/L	25.00	0.0	94	70-130	7	30	
Surrogate: 4-Bromofluorobenzene	*22.5*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*24.8*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*24.0*		*ug/L*	*25.00*		*96*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601287 - SW8260B										
Blank (2601287-BLK1)				Prepared & Analyzed: 01/30/2026						
Benzene	0.090	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.26	0.50	ug/L							
Toluene	0.060	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*23.9*		*ug/L*	*25.00*		*95*	*70-130*			
Surrogate: Dibromofluoromethane	*25.4*		*ug/L*	*25.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*25.1*		*ug/L*	*25.00*		*100*	*70-130*			
LCS (2601287-BS1)				Prepared & Analyzed: 01/30/2026						
1,1-Dichloroethene	28		ug/L	25.00		113	70-130			
Benzene	28		ug/L	25.00		110	70-130			
Chlorobenzene	28		ug/L	25.00		112	70-130			
Toluene	27		ug/L	25.00		108	70-130			
Trichloroethene	26		ug/L	25.00		103	70-130			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Dibromofluoromethane	*23.5*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*24.1*		*ug/L*	*25.00*		*96*	*70-130*			
LCS Dup (2601287-BSD1)				Prepared & Analyzed: 01/30/2026						
1,1-Dichloroethene	27		ug/L	25.00		107	70-130	5	30	
Benzene	27		ug/L	25.00		108	70-130	2	30	
Chlorobenzene	27		ug/L	25.00		107	70-130	4	30	
Toluene	26		ug/L	25.00		103	70-130	5	30	
Trichloroethene	25		ug/L	25.00		101	70-130	2	30	
Surrogate: 4-Bromofluorobenzene	*23.2*		*ug/L*	*25.00*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*24.6*		*ug/L*	*25.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*23.5*		*ug/L*	*25.00*		*94*	*70-130*			
Matrix Spike (2601287-MS1)	**Source: 26A0743-01**			Prepared: 01/30/2026 Analyzed: 01/31/2026						
1,1-Dichloroethene	21		ug/L	25.00	0.010	84	70-130			
Benzene	21		ug/L	25.00	0.0	85	70-130			
Chlorobenzene	21		ug/L	25.00	0.0	85	70-130			
Toluene	21		ug/L	25.00	0.010	84	70-130			
Trichloroethene	20		ug/L	25.00	0.010	79	70-130			
Surrogate: 4-Bromofluorobenzene	*21.7*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Dibromofluoromethane	*22.2*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Toluene-d8	*22.7*		*ug/L*	*25.00*		*91*	*70-130*			
Matrix Spike Dup (2601287-MSD1)	**Source: 26A0743-01**			Prepared: 01/30/2026 Analyzed: 01/31/2026						
1,1-Dichloroethene	25		ug/L	25.00	0.010	99	70-130	17	30	
Benzene	25		ug/L	25.00	0.0	100	70-130	17	30	
Chlorobenzene	26		ug/L	25.00	0.0	104	70-130	20	30	
Toluene	26		ug/L	25.00	0.010	102	70-130	20	30	
Trichloroethene	23		ug/L	25.00	0.010	94	70-130	17	30	
Surrogate: 4-Bromofluorobenzene	*21.7*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Dibromofluoromethane	*22.5*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Toluene-d8	*23.8*		*ug/L*	*25.00*		*95*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0433
Date Received: 01/16/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601141 - EPA 300.0 (2.1)										
Blank (2601141-BLK1)				Prepared & Analyzed: 01/16/2026						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2601141-BS1)				Prepared & Analyzed: 01/16/2026						
Chloride	12	1.0	mg/L	12.50		96	90-110			
Fluoride	2.1	0.50	mg/L	2.000		103	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		97	90-110			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		98	90-110			
Sulfate	13	5.0	mg/L	12.50		102	90-110			
LCS Dup (2601141-BSD1)				Prepared & Analyzed: 01/16/2026						
Chloride	12	1.0	mg/L	12.50		97	90-110	0.4	10	
Fluoride	2.1	0.50	mg/L	2.000		103	90-110	0.7	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110	0.1	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		99	90-110	0.6	10	
Sulfate	13	5.0	mg/L	12.50		102	90-110	0.3	10	
Matrix Spike (2601141-MS1)	**Source: 26A0433-02**			Prepared: 01/19/2026 Analyzed: 01/28/2026						
Chloride	44	2.0	mg/L	25.00	21	95	80-120			
Fluoride	6.6	1.0	mg/L	4.000	2.9	90	80-120			
Nitrogen, Nitrate (As N)	9.7	1.0	mg/L	10.00	ND	97	80-120			
Nitrogen, Nitrite (As N)	4.9	0.20	mg/L	5.000	ND	99	80-120			
Sulfate	46	10	mg/L	25.00	23	92	80-120			
Matrix Spike Dup (2601141-MSD1)	**Source: 26A0433-02**			Prepared: 01/19/2026 Analyzed: 01/28/2026						
Chloride	44	2.0	mg/L	25.00	21	95	80-120	0.2	10	
Fluoride	6.6	1.0	mg/L	4.000	2.9	91	80-120	0.4	10	
Nitrogen, Nitrate (As N)	9.8	1.0	mg/L	10.00	ND	98	80-120	0.4	10	
Nitrogen, Nitrite (As N)	4.9	0.20	mg/L	5.000	ND	99	80-120	0.3	10	
Sulfate	46	10	mg/L	25.00	23	93	80-120	0.3	10	

TURNER LABORATORIES, INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 26A0933 DATE 11/6/26 PAGE 1 OF 1

PROJECT NAME _____ # _____
CONTACT NAME _____
COMPANY NAME _____
ADDRESS _____
ZIP _____ PHONE _____ EMAIL _____
SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

Analysis columns: Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics ☐ 624 ☐ 524.2 ☐ 8260 ☐ HAAS ☐ TTHMS ☐ Chloride ☐ Sulfate ☐ Resistivity ☐ NO_3 ☐ NO_2 ☐ TKN ☐ TPH ☐ 1664 ☐ Oil & Grease ☐ VOA ☐ TCLP Analysis ☐ SemiVOA ☐ Pest. ☐ TCLP ☐ Metals ☐ Dissolved ☐ Total ☐ RCRA8 ☐ Total ☐ Cyanide ☐ Amen. ☐ WAD ☐ SDWA-INORGANICS PRIMARY ☐ SECONDARY ☐ Coliform MPN ☐ PIA ☐ pH ☐ Fecal ☐ C_l ☐ C_l ☐ Turb ☐ TSS ☐ COD ☐ BOD ☐ See Attached

1. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time 11/6/26 0935

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
____ Standard (approx. 10 days)*
____ Next Day ____ 2 Day ____ 5 Day*
____ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
____ I. Routine Report
____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
____ III. Data Validation Report (Includes All Raw Data) Add 10% to invoice

INVOICE INFORMATION:
Account ____ Y ____ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers 36
Temperature -0.1
☒ Wet Ice ☐ Ambient ☐ Blue Ice
IR # 6.6

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Printed Name
TURNER LABORATORIES, INC.
Firm
11/6/26 0935
Date/Time

* LEGEND SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
ADEQ Forms: ☐ Yes ☐ No
Mail ADEQ Forms: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☒
COC / Labels Agree ☒

Preservation Confirmation ☒
Appropriate Head Space ☒
Received Within Hold Time ☒

SPECIAL INSTRUCTIONS/COMMENTS:

Parameters for Ambient Groundwater Monitoring **(in mg/L unless otherwise noted, metals are dissolved unless otherwise noted)**		
pH – lab (S.U.)	Antimony	Uranium (total)
	Arsenic	Gross Alpha Particle Activity (pCi/L)
Total Dissolved Solids	Barium	Radium 226 + Radium 228 (pCi/L)
Total Alkalinity	Beryllium	Uranium-Isotopes (pCi/L)
Carbonate	Cadmium	Benzene
Bicarbonate	Chromium	Carbon Disulfide
Nitrate as N	Cobalt	Ethylbenzene
Nitrite as N	Copper	Toluene
Nitrate + Nitrite	Cyanide (free)	Total Xylenes
Total Nitrogen	Lead	
Sulfate	Manganese	TKN
Chloride	Mercury	Ammonia
Fluoride	Iron (total)	Adjusted Gross Alpha (pCi/L)
Calcium	Molybdenum	
Magnesium	Nickel	
Potassium	Selenium	
Sodium	Thallium	
Hydroxide	Uranium	
Aluminum	Zinc	

Note: Within the context of this permit, compliance with Arizona Aquifer Quality Standards (AWQS) assumed the adoption of a limit of 0.01 mg/L for arsenic (dissolved) and a limit of 0.30 mg/L for uranium (total).

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 15, 2026
Sample Received: January 21, 2026
Analysis Completed: February 06, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26A0433-01	12.4 ± 0.9	12.8 ± 1.2	< 1.0	19.3 ± 1.8	< 0.4	4.4 ± 0.4	4.4 ± 0.4

Analysis Date/Time	1/31/2026	1/27/2026	1/31/2026	1/24/2026	2/3/2026	2/3/2026	2/3/2026
	12:36	14:34	12:36	18:39	0:01	0:01	0:01

February 6, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 15, 2026
Sample Received: January 21, 2026
Uranium Analysis Date: January 27, 2026
Uranium Analysis Time: 14:34

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26A0433-01	4.8 ± 0.5	0.221 ± 0.004	7.9 ± 0.7	12.8 ± 1.2	Activity (pCi/L)
	14.1 ± 1.6	0.103 ± 0.002	0.00126 ± 0.00011	14.3 ± 1.6	Content (µg/L)
	Comments:				

February 6, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 15, 2026 (Sample Date) 10:20 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/31/2026	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/31/2026	12.4 ± 0.9		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	1/27/2026	14.3 ± 1.6	µg/L	
			Uranium 234	4007	1/27/2026	0.00126 ± 0.00011		
			Uranium 235	4008	1/27/2026	0.103 ± 0.002		
			Uranium 238	4009	1/27/2026	14.1 ± 1.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	2/3/2026	4.4 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	2/3/2026	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	2/3/2026	4.4 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79156

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0433-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 15, 2026 (Sample Date) 10:20 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/24/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79156

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0433-01

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 15, 2026
Sample Received: January 21, 2026
Analysis Completed: February 06, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26A0433-02	20.4 ± 1.1	17.4 ± 1.4	3.0 ± 1.8	12.7 ± 1.5	< 0.5	1.2 ± 0.4	1.2 ± 0.4

Analysis Date/Time	1/30/2026	1/27/2026	1/30/2026	1/27/2026	2/3/2026	2/3/2026	2/3/2026
	21:34	15:21	21:34	16:39	4:24	4:24	4:24

February 6, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 15, 2026
Sample Received: January 21, 2026
Uranium Analysis Date: January 27, 2026
Uranium Analysis Time: 15:21

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26A0433-02	7.0 ± 0.6	0.326 ± 0.005	10.1 ± 0.8	17.4 ± 1.4	Activity (pCi/L)
	20.8 ± 1.9	0.152 ± 0.002	0.00162 ± 0.00013	21.0 ± 1.9	Content (µg/L)
	Comments:				

February 6, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 15, 2026 (Sample Date) 12:05 (Sample Time) (24 hour clock)

Owner/Contact Person: _____

Owner/Contact Fax Number: _____

Owner/Contact Phone Number: _____

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/30/2026	3.0 ± 1.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/30/2026	20.4 ± 1.1		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	1/27/2026	21.0 ± 1.9	µg/L	
			Uranium 234	4007	1/27/2026	0.00162 ± 0.00013		
			Uranium 235	4008	1/27/2026	0.152 ± 0.002		
			Uranium 238	4009	1/27/2026	20.8 ± 1.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	2/3/2026	1.2 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	2/3/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	2/3/2026	1.2 ± 0.4		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79157

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0433-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 15, 2026 (Sample Date) 12:05 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/27/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

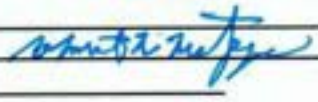
Specimen Number: RSE79157

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0433-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 15, 2026
Sample Received: January 21, 2026
Analysis Completed: February 06, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26A0433-03	14.7 ± 0.9	14.3 ± 1.3	0.4 ± 1.6	9.4 ± 1.4	< 0.4	1.3 ± 0.3	1.3 ± 0.3

Analysis Date/Time	1/31/2026	1/27/2026	1/31/2026	1/27/2026	2/3/2026	2/3/2026	2/3/2026
	14:16	15:37	14:16	19:59	8:47	8:47	8:47

February 6, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 15, 2026
Sample Received: January 21, 2026
Uranium Analysis Date: January 27, 2026
Uranium Analysis Time: 15:37

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26A0433-03	4.4 ± 0.5	0.204 ± 0.004	9.7 ± 0.8	14.3 ± 1.3	Activity (pCi/L)
	13.0 ± 1.5	0.095 ± 0.002	0.00156 ± 0.00012	13.1 ± 1.5	Content (µg/L)
	Comments:				

February 6, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 15, 2026 (Sample Date) 13:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/31/2026	0.4 ± 1.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/31/2026	14.7 ± 0.9		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	1/27/2026	13.1 ± 1.5	µg/L	
			Uranium 234	4007	1/27/2026	0.00156 ± 0.00012		
			Uranium 235	4008	1/27/2026	0.095 ± 0.002		
			Uranium 238	4009	1/27/2026	13.0 ± 1.5		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	2/3/2026	1.3 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	2/3/2026	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	2/3/2026	1.3 ± 0.3		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79158

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0433-03

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 15, 2026 (Sample Date) 13:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/27/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79158

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0433-03

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 15, 2026
Sample Received: January 21, 2026
Analysis Completed: February 06, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26A0433-04	3.4 ± 0.7	1.0 ± 0.4	2.4 ± 0.8	13.7 ± 1.5	< 0.4	1.3 ± 0.3	1.3 ± 0.3
Analysis Date/Time	1/31/2026 15:57	1/27/2026 15:52	1/31/2026 15:57	1/27/2026 23:20	---	---	---

February 6, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 15, 2026
Sample Received: January 21, 2026
Uranium Analysis Date: January 27, 2026
Uranium Analysis Time: 15:52

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26A0433-04	0.5 ± 0.2	0.021 ± 0.001	0.5 ± 0.2	1.0 ± 0.4	Activity (pCi/L)
	1.4 ± 0.5	0.010 ± 0.001	0.00008 ± 0.00003	1.4 ± 0.5	Content (µg/L)
	Comments:				

February 6, 2026

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 15, 2026 (Sample Date) 10:19 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/31/2026	2.4 ± 0.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/31/2026	3.4 ± 0.7		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	1/27/2026	1.4 ± 0.5	µg/L	
			Uranium 234	4007	1/27/2026	0.00008 ± 0.00003		
			Uranium 235	4008	1/27/2026	0.010 ± 0.001		
			Uranium 238	4009	1/27/2026	1.4 ± 0.5		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010		1.3 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020		< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030		1.3 ± 0.3		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79159

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0433-04

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 15, 2026 (Sample Date) 10:19 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/27/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79159

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0433-04

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 15, 2026
Sample Received: January 21, 2026
Analysis Completed: February 06, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26A0433-05	17.0 ± 2.3	13.4 ± 1.2	3.6 ± 2.6	18.5 ± 1.8	< 0.4	3.9 ± 0.4	3.9 ± 0.4

Analysis Date/Time	2/4/2026	1/27/2026	2/4/2026	1/28/2026	2/3/2026	2/3/2026	2/3/2026
	2:56	16:09	2:56	2:40	17:15	17:15	17:15

February 6, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 15, 2026
Sample Received: January 21, 2026
Uranium Analysis Date: January 27, 2026
Uranium Analysis Time: 16:09

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26A0433-05	5.2 ± 0.5	0.244 ± 0.004	7.9 ± 0.7	13.4 ± 1.2	Activity (pCi/L)
	15.6 ± 1.6	0.114 ± 0.002	0.00127 ± 0.00011	15.7 ± 1.6	Content (µg/L)
	Comments:				

February 6, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 15, 2026 (Sample Date) 10:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/4/2026	3.6 ± 2.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/4/2026	17.0 ± 2.3		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	1/27/2026	15.7 ± 1.6	µg/L	
			Uranium 234	4007	1/27/2026	0.00127 ± 0.00011		
			Uranium 235	4008	1/27/2026	0.114 ± 0.002		
			Uranium 238	4009	1/27/2026	15.6 ± 1.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	2/3/2026	3.9 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	2/3/2026	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	2/3/2026	3.9 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79160

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0433-05

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 15, 2026 (Sample Date) 10:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/28/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79160

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0433-05

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26A0433

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Kevin Brim Kbrim@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26A0433-01 Non-Potable Wa Sampled:01/15/2026 10:20			
Radiochemistry, Uranium	07/14/2026 10:20		
Radiochemistry, Radium 226/228	02/14/2026 10:20		
Radiochemistry, Gross Alpha Beta	07/14/2026 10:20	79156	
Containers Supplied: 1			
Sample ID: 26A0433-02 Non-Potable Wa Sampled:01/15/2026 12:05			
Radiochemistry, Uranium	07/14/2026 12:05		
Radiochemistry, Radium 226/228	02/14/2026 12:05		
Radiochemistry, Gross Alpha Beta	07/14/2026 12:05	79157	
Containers Supplied: 1			
Sample ID: 26A0433-03 Non-Potable Wa Sampled:01/15/2026 13:40			
Radiochemistry, Uranium	07/14/2026 13:40		
Radiochemistry, Radium 226/228	02/14/2026 13:40		
Radiochemistry, Gross Alpha Beta	07/14/2026 13:40	79158	
Containers Supplied: 1			
Sample ID: 26A0433-04 Non-Potable Wa Sampled:01/15/2026 10:19			
Radiochemistry, Uranium	07/14/2026 10:19		
Radiochemistry, Radium 226/228	02/14/2026 10:19		
Radiochemistry, Gross Alpha Beta	07/14/2026 10:19	79159	
Containers Supplied: 1			

Released By	Date	Received By	Date
Kayla Tilden	1/20/26 1600	UPS	1/20/26 1600
Released By	Date	Received By	Date
		MB	1/21/26 11:25

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26A0433

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26A0433-05 Non-Potable Wa Sampled:01/15/2026 10:40			
Radiochemistry, Uranium	07/14/2026 10:40		
Radiochemistry, Radium 226/228	02/14/2026 10:40		79160
Radiochemistry, Gross Alpha Beta	07/14/2026 10:40		
Containers Supplied:			

Released By	Date	Received By	Date
Kyle Zilm	1/20/26 1600	UPS	1/20/26 1600
Released By	Date	Received By	Date
		AS	1/21/26 11:25

February 18, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 26A0483
Order Name: Groundwater

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 5 sample(s) on 01/19/2026 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

Order: Groundwater

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
26A0483-01	POC-10	Ground Water	01/19/2026 1047
26A0483-02	POC-09	Ground Water	01/19/2026 1245
26A0483-03	POC-08	Ground Water	01/19/2026 1420
26A0483-04	Field Blank	Ground Water	01/19/2026 1450
26A0483-05	Trip Blank	Ground Water	01/19/2026 0000

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
R13	MS/MSD RPD exceeded method acceptance limit. Matrix spike recovery was outside acceptance criteria. Batch precision and accuracy were demonstrated.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-01

Client Sample ID: POC-10
Collection Date/Time: 01/19/2026 1047
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.6	0.58	1.1		mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.6	0.28	0.60		mg/L	1	01/19/2026 1700	01/20/2026 0802	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.023	0.022	0.33	E4	mg/L	1	01/28/2026 1334	02/05/2026 1325	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0033	0.000016	0.00056		mg/L	1	01/30/2026 1016	02/09/2026 1111	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	100	0.13	4.0		mg/L	1	01/28/2026 1415	02/04/2026 2016	RAR
Magnesium	17	0.10	3.0		mg/L	1	01/28/2026 1415	02/04/2026 2016	RAR
Potassium	2.0	0.14	5.0	E4	mg/L	1	01/28/2026 1415	02/04/2026 2016	RAR
Sodium	6.8	0.58	5.0		mg/L	1	01/28/2026 1415	02/05/2026 1627	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Antimony	0.00019	0.000039	0.00050	E4	mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Arsenic	0.0025	0.00010	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Barium	0.020	0.000029	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Beryllium	0.000026	0.000013	0.00025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Chromium	0.0017	0.000023	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Cobalt	0.000097	0.000010	0.00025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Copper	0.00057	0.00015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Manganese	0.00051	0.000038	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Molybdenum	0.063	0.000025	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Nickel	0.0014	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Selenium	0.011	0.00025	0.0025		mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
Uranium	0.0031	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-01

Client Sample ID: POC-10
Collection Date/Time: 01/19/2026 1047
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.0064	0.0023	0.040	E4	mg/L	1	01/27/2026 0934	01/28/2026 1830	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/02/2026 0839	02/02/2026 1542	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10	0.75	1.0		mg/L	1	01/19/2026 1700	01/20/2026 0802	SS
Fluoride	0.90	0.18	0.50		mg/L	1	01/19/2026 1700	01/20/2026 0802	SS
Nitrogen, Nitrate (As N)	1.6	0.27	0.50		mg/L	1	01/19/2026 1700	01/20/2026 0802	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	01/19/2026 1700	01/20/2026 0802	SS
Sulfate	63	2.8	5.0		mg/L	1	01/19/2026 1700	01/20/2026 0802	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	02/03/2026 1019	02/03/2026 1505	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	260	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Total (As CaCO3)	260	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	400	20	20		mg/L	1	01/21/2026 0853	02/05/2026 1014	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	01/23/2026 0947	01/26/2026 1512	SJS
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-01

Client Sample ID: POC-10
Collection Date/Time: 01/19/2026 1047
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.3			H5	-	1	01/20/2026 0945	01/20/2026 1533	IM
Temperature (°C)	20			H5	-	1	01/20/2026 0945	01/20/2026 1533	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0042	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	01/29/2026 1315	01/30/2026 0042	KP
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0042	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0042	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0042	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/29/2026 1315	01/30/2026 0042	KP
Surr: 4-Bromofluorobenzene	*92*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 042*	*KP*
Surr: Dibromofluoromethane	*103*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 042*	*KP*
Surr: Toluene-d8	*99*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 042*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-02

Client Sample ID: POC-09
Collection Date/Time: 01/19/2026 1245
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.48	0.28	0.60	J	mg/L	1	01/19/2026 1700	01/20/2026 0826	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	01/28/2026 1334	02/05/2026 1328	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0049	0.000016	0.00056		mg/L	1	01/30/2026 1016	02/09/2026 1114	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	69	0.13	4.0		mg/L	1	01/28/2026 1415	02/04/2026 2019	RAR
Magnesium	16	0.10	3.0		mg/L	1	01/28/2026 1415	02/04/2026 2019	RAR
Potassium	2.4	0.14	5.0	E4	mg/L	1	01/28/2026 1415	02/04/2026 2019	RAR
Sodium	13	0.58	5.0		mg/L	1	01/28/2026 1415	02/05/2026 1630	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Antimony	0.00016	0.000039	0.00050	E4	mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Arsenic	0.0048	0.00010	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Barium	0.028	0.000029	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Beryllium	0.000013	0.000013	0.00025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Chromium	0.0011	0.000023	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Cobalt	0.000059	0.000010	0.00025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Copper	0.00062	0.00015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Manganese	0.00037	0.000038	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Molybdenum	0.033	0.000025	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Nickel	0.00093	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Selenium	0.0020	0.00025	0.0025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Uranium	0.0045	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1833	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-02

Client Sample ID: POC-09
Collection Date/Time: 01/19/2026 1245
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/02/2026 0839	02/02/2026 1545	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11	0.75	1.0		mg/L	1	01/19/2026 1700	01/20/2026 0826	SS
Fluoride	1.3	0.18	0.50		mg/L	1	01/19/2026 1700	01/20/2026 0826	SS
Nitrogen, Nitrate (As N)	0.48	0.27	0.50	E4	mg/L	1	01/19/2026 1700	01/20/2026 0826	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	01/19/2026 1700	01/20/2026 0826	SS
Sulfate	16	2.8	5.0		mg/L	1	01/19/2026 1700	01/20/2026 0826	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.31	0.30	0.50	E4	mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	02/03/2026 1019	02/03/2026 1505	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	240	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Total (As CaCO3)	240	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	290	20	20		mg/L	1	01/21/2026 0853	02/05/2026 1014	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	01/23/2026 0947	01/26/2026 1512	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.3			H5	-	1	01/20/2026 0945	01/20/2026 1537	IM
Temperature (°C)	21			H5	-	1	01/20/2026 0945	01/20/2026 1537	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-02

Client Sample ID: POC-09
Collection Date/Time: 01/19/2026 1245
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0122	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	01/29/2026 1315	01/30/2026 0122	KP
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0122	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0122	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0122	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/29/2026 1315	01/30/2026 0122	KP
Surr: 4-Bromofluorobenzene	*93*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 122*	*KP*
Surr: Dibromofluoromethane	*101*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 122*	*KP*
Surr: Toluene-d8	*99*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 122*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-03

Client Sample ID: POC-08
Collection Date/Time: 01/19/2026 1420
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	01/19/2026 1700	01/20/2026 0850	SS
pH-E150.1									
pH (pH Units)	7.8			H5	-	1	01/20/2026 1012	01/20/2026 1630	IM
Temperature (°C)	21			H5	-	1	01/20/2026 1012	01/20/2026 1630	IM
ICP Total Metals-E200.7 (4.4)									
Iron	0.56	0.022	0.33		mg/L	1	01/28/2026 1334	02/05/2026 1331	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.00060	0.000016	0.00056		mg/L	1	01/30/2026 1016	02/09/2026 1117	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	ND	0.13	4.0	E8	mg/L	1	01/28/2026 1415	02/04/2026 2024	RAR
Magnesium	ND	0.10	3.0	E8	mg/L	1	01/28/2026 1415	02/04/2026 2024	RAR
Potassium	2.7	0.14	5.0	E4	mg/L	1	01/28/2026 1415	02/05/2026 1633	RAR
Sodium	16	0.58	5.0		mg/L	1	01/28/2026 1415	02/05/2026 1633	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Antimony	0.000047	0.000039	0.00050	E4	mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Arsenic	0.0035	0.00010	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Barium	0.048	0.000029	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Chromium	0.00054	0.000023	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Cobalt	0.000088	0.000010	0.00025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Copper	0.00062	0.00015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Manganese	0.30	0.000038	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Molybdenum	ND	0.000025	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Nickel	0.00089	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-03

Client Sample ID: POC-08
Collection Date/Time: 01/19/2026 1420
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Selenium	0.00060	0.00025	0.0025	E4	mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Uranium	0.00059	0.000015	0.00050		mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1836	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/02/2026 0839	02/02/2026 1547	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10	0.75	1.0		mg/L	1	01/19/2026 1700	01/20/2026 0850	SS
Fluoride	1.5	0.18	0.50		mg/L	1	01/19/2026 1700	01/20/2026 0850	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	01/19/2026 1700	01/20/2026 0850	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	01/19/2026 1700	01/20/2026 0850	SS
Sulfate	110	5.6	10		mg/L	2	01/19/2026 1700	02/10/2026 2027	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	02/03/2026 1019	02/03/2026 1505	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	160	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Total (As CaCO3)	160	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	370	20	20		mg/L	1	01/21/2026 0853	02/05/2026 1014	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/02/2026 0918	02/02/2026 1620	SJS

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-03

Client Sample ID: POC-08
Collection Date/Time: 01/19/2026 1420
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	0.070	0.063	0.50	E4	ug/L	1	01/29/2026 1315	01/30/2026 0441	KP
Carbon disulfide	0.14	0.11	2.0	E4	ug/L	1	01/29/2026 1315	01/30/2026 0441	KP
Chlorobenzene	0.080	0.063	0.50	E4	ug/L	1	01/29/2026 1315	01/30/2026 0441	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0441	KP
Toluene	0.15	0.057	0.50	E4	ug/L	1	01/29/2026 1315	01/30/2026 0441	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/29/2026 1315	01/30/2026 0441	KP
Surr: 4-Bromofluorobenzene	*92*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 441*	*KP*
Surr: Dibromofluoromethane	*101*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 441*	*KP*
Surr: Toluene-d8	*102*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 441*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-04

Client Sample ID: Field Blank
Collection Date/Time: 01/19/2026 1450
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	01/19/2026 1700	01/20/2026 0914	SS
pH-E150.1									
pH (pH Units)	5.5			H5	-	1	01/20/2026 1012	01/20/2026 1634	IM
Temperature (°C)	21			H5	-	1	01/20/2026 1012	01/20/2026 1634	IM
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.022	0.33	E8	mg/L	1	01/28/2026 1334	02/05/2026 1334	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	ND	0.000016	0.00056	E8	mg/L	1	01/30/2026 1016	02/09/2026 1120	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	ND	0.13	4.0	E8	mg/L	1	01/28/2026 1415	02/04/2026 2031	RAR
Magnesium	ND	0.10	3.0	E8	mg/L	1	01/28/2026 1415	02/04/2026 2031	RAR
Potassium	ND	0.14	5.0	E8	mg/L	1	01/28/2026 1415	02/04/2026 2031	RAR
Sodium	1.2	0.58	5.0	E4	mg/L	1	01/28/2026 1415	02/05/2026 1636	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Arsenic	ND	0.00010	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Barium	0.000038	0.000029	0.00050	E4	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Chromium	0.000070	0.000023	0.00050	E4	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Cobalt	ND	0.000010	0.00025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Copper	ND	0.00015	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Manganese	0.00043	0.000038	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Molybdenum	0.0014	0.000025	0.00025		mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Nickel	ND	0.000015	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-04

Client Sample ID: Field Blank
Collection Date/Time: 01/19/2026 1450
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Selenium	ND	0.00025	0.0025	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Uranium	ND	0.000015	0.00050	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	01/27/2026 0934	01/28/2026 1839	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/02/2026 0839	02/02/2026 1550	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	ND	0.75	1.0	E8	mg/L	1	01/19/2026 1700	01/20/2026 0914	SS
Fluoride	ND	0.18	0.50	E8	mg/L	1	01/19/2026 1700	01/20/2026 0914	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	01/19/2026 1700	01/20/2026 0914	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	01/19/2026 1700	01/20/2026 0914	SS
Sulfate	ND	2.8	5.0	E8	mg/L	1	01/19/2026 1700	01/20/2026 0914	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.35	0.30	0.50	E4	mg/L	1	01/27/2026 0933	01/27/2026 1500	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	02/03/2026 1019	02/03/2026 1505	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	28	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Alkalinity, Total (As CaCO3)	28	2.0	2.0		mg/L	1	01/28/2026 0849	01/28/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	ND	20	20		mg/L	1	01/21/2026 0853	02/05/2026 1014	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	01/23/2026 0947	01/26/2026 1512	SJS

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-04

Client Sample ID: Field Blank
Collection Date/Time: 01/19/2026 1450
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0520	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	01/29/2026 1315	01/30/2026 0520	KP
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0520	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0520	KP
Toluene	0.12	0.057	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0520	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/29/2026 1315	01/30/2026 0520	KP
Surr: 4-Bromofluorobenzene	*96*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 520*	*KP*
Surr: Dibromofluoromethane	*104*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 520*	*KP*
Surr: Toluene-d8	*103*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 520*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Lab Sample ID: 26A0483-05

Client Sample ID: Trip Blank
Collection Date/Time: 01/19/2026 0000
Matrix: Ground Water
Order Name: Groundwater

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0202	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	01/29/2026 1315	01/30/2026 0202	KP
Chlorobenzene	ND	0.063	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0202	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0202	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	01/29/2026 1315	01/30/2026 0202	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	01/29/2026 1315	01/30/2026 0202	KP
Surr: 4-Bromofluorobenzene	*96*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 202*	*KP*
Surr: Dibromofluoromethane	*105*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 202*	*KP*
Surr: Toluene-d8	*104*	*70-130*			*%REC*	*1*	*01/29/2026 1315*	*01/30/2026 202*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601264 - EPA 200.8 (5.4)										
Blank (2601264-BLK1)				Prepared: 01/27/2026 Analyzed: 01/28/2026						
Aluminum	ND	0.040	mg/L							
Antimony	0.000046	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	0.000048	0.00050	mg/L							
Beryllium	0.000030	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	0.000053	0.00050	mg/L							
Cobalt	0.000038	0.00025	mg/L							
Copper	0.00027	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	0.00020	0.00025	mg/L							
Nickel	0.000047	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	0.000047	0.00050	mg/L							
Uranium	0.000056	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2601264-BS1)				Prepared: 01/27/2026 Analyzed: 01/28/2026						
Aluminum	0.10	0.040	mg/L	0.1000		102	85-115			
Antimony	0.052	0.00050	mg/L	0.05000		103	85-115			
Arsenic	0.051	0.00050	mg/L	0.05000		102	85-115			
Barium	0.050	0.00050	mg/L	0.05000		100	85-115			
Beryllium	0.051	0.00025	mg/L	0.05000		103	85-115			
Cadmium	0.051	0.00025	mg/L	0.05000		102	85-115			
Chromium	0.051	0.00050	mg/L	0.05000		102	85-115			
Cobalt	0.051	0.00025	mg/L	0.05000		101	85-115			
Copper	0.051	0.00050	mg/L	0.05000		101	85-115			
Lead	0.045	0.00050	mg/L	0.05000		90	85-115			
Manganese	0.054	0.00025	mg/L	0.05000		108	85-115			
Molybdenum	0.052	0.00025	mg/L	0.05000		103	85-115			
Nickel	0.051	0.00050	mg/L	0.05000		101	85-115			
Selenium	0.050	0.0025	mg/L	0.05000		100	85-115			
Thallium	0.049	0.00050	mg/L	0.05000		98	85-115			
Uranium	0.047	0.00050	mg/L	0.05000		95	85-115			
Zinc	0.10	0.040	mg/L	0.1000		102	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601264 - EPA 200.8 (5.4)										
LCS Dup (2601264-BSD1)				Prepared: 01/27/2026 Analyzed: 01/28/2026						
Aluminum	0.10	0.040	mg/L	0.1000		102	85-115	0.4	20	
Antimony	0.051	0.00050	mg/L	0.05000		103	85-115	0.5	20	
Arsenic	0.051	0.00050	mg/L	0.05000		102	85-115	0.3	20	
Barium	0.052	0.00050	mg/L	0.05000		105	85-115	4	20	
Beryllium	0.052	0.00025	mg/L	0.05000		104	85-115	0.9	20	
Cadmium	0.051	0.00025	mg/L	0.05000		102	85-115	0.3	20	
Chromium	0.051	0.00050	mg/L	0.05000		102	85-115	0.07	20	
Cobalt	0.050	0.00025	mg/L	0.05000		101	85-115	0.3	20	
Copper	0.051	0.00050	mg/L	0.05000		101	85-115	0.3	20	
Lead	0.045	0.00050	mg/L	0.05000		90	85-115	0.2	20	
Manganese	0.053	0.00025	mg/L	0.05000		106	85-115	2	20	
Molybdenum	0.051	0.00025	mg/L	0.05000		102	85-115	1	20	
Nickel	0.050	0.00050	mg/L	0.05000		101	85-115	0.4	20	
Selenium	0.051	0.0025	mg/L	0.05000		102	85-115	2	20	
Thallium	0.050	0.00050	mg/L	0.05000		100	85-115	2	20	
Uranium	0.048	0.00050	mg/L	0.05000		95	85-115	0.5	20	
Zinc	0.10	0.040	mg/L	0.1000		103	85-115	1	20	
Matrix Spike (2601264-MS1)		**Source: 26A0394-01**		Prepared: 01/27/2026 Analyzed: 01/28/2026						
Aluminum	0.22	0.040	mg/L	0.3000	ND	74	70-130			
Antimony	0.17	0.00050	mg/L	0.1500	0.00058	115	70-130			
Arsenic	0.18	0.00050	mg/L	0.1500	0.00083	119	70-130			
Barium	0.27	0.00050	mg/L	0.1500	0.081	127	70-130			
Beryllium	0.16	0.00025	mg/L	0.1500	0.000095	104	70-130			
Cadmium	0.15	0.00025	mg/L	0.1500	ND	101	70-130			
Chromium	0.16	0.00050	mg/L	0.1500	0.00038	108	70-130			
Cobalt	0.16	0.00025	mg/L	0.1500	0.00056	105	70-130			
Copper	0.14	0.00050	mg/L	0.1500	0.0053	92	70-130			
Lead	0.16	0.00050	mg/L	0.1500	0.000078	104	70-130			
Manganese	0.50	0.00025	mg/L	0.1500	0.35	97	70-130			
Molybdenum	0.18	0.00025	mg/L	0.1500	0.0061	118	70-130			
Nickel	0.16	0.00050	mg/L	0.1500	0.010	97	70-130			
Selenium	0.17	0.0025	mg/L	0.1500	0.00090	113	70-130			
Thallium	0.17	0.00050	mg/L	0.1500	0.000027	114	70-130			
Uranium	0.19	0.00050	mg/L	0.1500	0.0059	125	70-130			
Zinc	0.21	0.040	mg/L	0.3000	0.012	67	70-130			M2

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601264 - EPA 200.8 (5.4)										
Matrix Spike (2601264-MS2)		**Source: 26A0433-01**		Prepared: 01/27/2026 Analyzed: 01/28/2026						
Aluminum	0.19	0.040	mg/L	0.3000	ND	64	70-130			M2
Antimony	0.14	0.00050	mg/L	0.1500	0.00092	92	70-130			
Arsenic	0.16	0.00050	mg/L	0.1500	0.0073	102	70-130			
Barium	0.17	0.00050	mg/L	0.1500	0.024	98	70-130			
Beryllium	0.13	0.00025	mg/L	0.1500	0.000058	85	70-130			
Cadmium	0.13	0.00025	mg/L	0.1500	ND	89	70-130			
Chromium	0.14	0.00050	mg/L	0.1500	0.00060	93	70-130			
Cobalt	0.13	0.00025	mg/L	0.1500	0.00026	88	70-130			
Copper	0.12	0.00050	mg/L	0.1500	0.0014	78	70-130			
Lead	0.13	0.00050	mg/L	0.1500	0.000094	90	70-130			
Manganese	0.14	0.00025	mg/L	0.1500	0.00040	93	70-130			
Molybdenum	0.32	0.00025	mg/L	0.1500	0.17	101	70-130			
Nickel	0.13	0.00050	mg/L	0.1500	0.0027	84	70-130			
Selenium	0.16	0.0025	mg/L	0.1500	0.011	102	70-130			
Thallium	0.15	0.00050	mg/L	0.1500	0.000058	98	70-130			
Uranium	0.19	0.00050	mg/L	0.1500	0.019	112	70-130			
Zinc	0.18	0.040	mg/L	0.3000	ND	61	70-130			M2
Batch 2601285 - E200.8 (5.4)										
Blank (2601285-BLK1)				Prepared: 01/30/2026 Analyzed: 02/09/2026						
Uranium	ND	0.00050	mg/L							
LCS (2601285-BS1)				Prepared: 01/30/2026 Analyzed: 02/09/2026						
Uranium	0.050	0.00050	mg/L	0.05000		100	85-115			
LCS Dup (2601285-BSD1)				Prepared: 01/30/2026 Analyzed: 02/09/2026						
Uranium	0.050	0.00050	mg/L	0.05000		99	85-115	0.08	20	
Matrix Spike (2601285-MS1)		**Source: 26A0527-01**		Prepared: 01/30/2026 Analyzed: 02/09/2026						
Uranium	0.22	0.0050	mg/L	0.05000	0.16	134	70-130			M1
Matrix Spike (2601285-MS2)		**Source: 26A0527-02**		Prepared: 01/30/2026 Analyzed: 02/09/2026						
Uranium	0.12	0.0050	mg/L	0.05000	0.037	173	70-130			M1
Batch 2602002 - EPA 245.1										
Blank (2602002-BLK1)				Prepared & Analyzed: 02/02/2026						
Mercury	ND	0.0010	mg/L							
LCS (2602002-BS1)				Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000		102	85-115			
LCS Dup (2602002-BSD1)				Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000		103	85-115	0.7	20	
Matrix Spike (2602002-MS1)		**Source: 26A0350-02**		Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	102	70-130			
Matrix Spike (2602002-MS2)		**Source: 26A0350-03**		Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	102	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602002 - EPA 245.1										
Matrix Spike Dup (2602002-MSD1)		**Source: 26A0350-02**		Prepared & Analyzed: 02/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	103	70-130	0.6	20	
Matrix Spike Dup (2602002-MSD2)		**Source: 26A0350-03**		Prepared & Analyzed: 02/02/2026						
Mercury	0.0050	0.0010	mg/L	0.005000	ND	101	70-130	0.9	20	
Batch 2602008 - EPA 200.7 (4.4)										
Blank (2602008-BLK1)				Prepared: 02/03/2026 Analyzed: 02/05/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.5	5.0	mg/L							
LCS (2602008-BS1)				Prepared: 02/03/2026 Analyzed: 02/05/2026						
Calcium	10	4.0	mg/L	10.00		103	85-115			
Magnesium	10	3.0	mg/L	10.00		103	85-115			
Potassium	9.9	5.0	mg/L	10.00		99	85-115			
Sodium	11	5.0	mg/L	10.00		107	85-115			
LCS Dup (2602008-BSD1)				Prepared: 02/03/2026 Analyzed: 02/05/2026						
Calcium	10	4.0	mg/L	10.00		103	85-115	0.9	20	
Magnesium	10	3.0	mg/L	10.00		102	85-115	0.6	20	
Potassium	9.9	5.0	mg/L	10.00		99	85-115	0.2	20	
Sodium	11	5.0	mg/L	10.00		106	85-115	1	20	
Matrix Spike (2602008-MS1)		**Source: 26A0433-01**		Prepared: 02/03/2026 Analyzed: 02/05/2026						
Calcium	260	4.0	mg/L	10.00	220	435	70-130			M1
Magnesium	87	3.0	mg/L	10.00	67	202	70-130			M1
Potassium	14	5.0	mg/L	10.00	4.2	100	70-130			
Sodium	49	5.0	mg/L	10.00	34	150	70-130			M1
Matrix Spike (2602008-MS2)		**Source: 26A0433-02**		Prepared: 02/03/2026 Analyzed: 02/05/2026						
Calcium	53	4.0	mg/L	10.00	45	89	70-130			
Magnesium	19	3.0	mg/L	10.00	9.3	102	70-130			
Potassium	14	5.0	mg/L	10.00	3.9	101	70-130			
Sodium	62	5.0	mg/L	10.00	54	80	70-130			
Batch 2602019 - E200.7 (4.4)										
Blank (2602019-BLK1)				Prepared: 01/28/2026 Analyzed: 02/05/2026						
Iron	ND	0.30	mg/L							
LCS (2602019-BS1)				Prepared: 01/28/2026 Analyzed: 02/05/2026						
Iron	1.0	0.30	mg/L	1.000		103	85-115			
LCS Dup (2602019-BSD1)				Prepared: 01/28/2026 Analyzed: 02/05/2026						
Iron	1.0	0.30	mg/L	1.000		104	85-115	2	20	
Matrix Spike (2602019-MS1)		**Source: 26A0008-02**		Prepared: 01/28/2026 Analyzed: 02/05/2026						
Iron	1.1	0.30	mg/L	1.000	0.059	100	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602019 - E200.7 (4.4)										
Matrix Spike (2602019-MS2)	**Source: 26A0433-04**			Prepared: 01/28/2026 Analyzed: 02/05/2026						
Iron	1.1	0.30	mg/L	1.000	0.063	105	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601158 - SM4500-H+ B										
Duplicate (2601158-DUP1)		**Source: 26A0379-02**		Prepared & Analyzed: 01/20/2026						
pH (pH Units)	7.3		-		7.3			0.1	200	
Temperature (°C)	20		-		19			3	200	
Duplicate (2601158-DUP2)		**Source: 26A0433-05**		Prepared & Analyzed: 01/20/2026						
pH (pH Units)	7.3		-		7.2			1	200	
Temperature (°C)	21		-		21			0.5	200	
Batch 2601160 - E150.1										
Duplicate (2601160-DUP1)		**Source: 26A0489-01**		Prepared & Analyzed: 01/20/2026						
pH (pH Units)	7.9		-		7.9			0.1	200	
Temperature (°C)	21		-		21			1	200	
Batch 2601176 - SM2540 C										
Duplicate (2601176-DUP1)		**Source: 26A0513-01**		Prepared: 01/21/2026 Analyzed: 02/05/2026						
Total Dissolved Solids (Residue, Filterable)	210	20	mg/L		200			2	5	
Duplicate (2601176-DUP2)		**Source: 26A0489-01**		Prepared: 01/21/2026 Analyzed: 02/05/2026						
Total Dissolved Solids (Residue, Filterable)	160	20	mg/L		150			3	5	
Batch 2601215 - SM4500-CN BE										
Blank (2601215-BLK1)				Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	ND	0.10	mg/L							
LCS (2601215-BS1)				Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	2.0	0.10	mg/L	2.000		98	85-115			
LCS Dup (2601215-BSD1)				Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	2.0	0.10	mg/L	2.000		99	85-115	0.7	15	
Matrix Spike (2601215-MS1)		**Source: 26A0483-04**		Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	96	80-120			
Matrix Spike Dup (2601215-MSD1)		**Source: 26A0483-04**		Prepared: 01/23/2026 Analyzed: 01/26/2026						
Cyanide	1.8	0.10	mg/L	2.000	ND	92	80-120	4	15	
Batch 2601243 - EPA 351.2										
Blank (2601243-BLK1)				Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2601243-BS1)				Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		100	80-120			
LCS Dup (2601243-BSD1)				Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000		100	80-120	0	20	
Matrix Spike (2601243-MS1)		**Source: 26A0530-01**		Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	5.6	0.50	mg/L	5.000	0.57	100	80-120			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601243 - EPA 351.2										
Matrix Spike (2601243-MS2)		**Source: 26A0579-02**		Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	ND	100	80-120			
Matrix Spike Dup (2601243-MSD1)		**Source: 26A0530-01**		Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000	0.57	96	80-120	3	20	
Matrix Spike Dup (2601243-MSD2)		**Source: 26A0579-02**		Prepared & Analyzed: 01/27/2026						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000	ND	97	80-120	2	20	
Batch 2601257 - SM2320B										
Blank (2601257-BLK1)				Prepared & Analyzed: 01/28/2026						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2601257-BS1)				Prepared & Analyzed: 01/28/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		98	90-110			
LCS Dup (2601257-BSD1)				Prepared & Analyzed: 01/28/2026						
Alkalinity, Total (As CaCO3)	240	2.0	mg/L	250.0		97	90-110	2	10	
Matrix Spike (2601257-MS1)		**Source: 26A0483-04**		Prepared & Analyzed: 01/28/2026						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	28	98	70-130			
Matrix Spike Dup (2601257-MSD1)		**Source: 26A0483-04**		Prepared & Analyzed: 01/28/2026						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	28	97	70-130	0.7	10	
Batch 2602003 - SM4500-CN BE										
Blank (2602003-BLK1)				Prepared & Analyzed: 02/02/2026						
Cyanide	ND	0.10	mg/L							
LCS (2602003-BS1)				Prepared & Analyzed: 02/02/2026						
Cyanide	1.9	0.10	mg/L	2.000		96	85-115			
LCS Dup (2602003-BSD1)				Prepared & Analyzed: 02/02/2026						
Cyanide	1.9	0.10	mg/L	2.000		97	85-115	0.9	15	
Matrix Spike (2602003-MS1)		**Source: 26A0530-01**		Prepared & Analyzed: 02/02/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	96	80-120			
Matrix Spike Dup (2602003-MSD1)		**Source: 26A0530-01**		Prepared & Analyzed: 02/02/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	96	80-120	0.5	15	
Batch 2602014 - SM 4500-NH3 B, F										
Blank (2602014-BLK1)				Prepared & Analyzed: 02/03/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2602014-BS1)				Prepared & Analyzed: 02/03/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		106	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602014 - SM 4500-NH3 B, F										
LCS Dup (2602014-BSD1)				Prepared & Analyzed: 02/03/2026						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		106	85-115	0.8	10	
Matrix Spike (2602014-MS1)	**Source: 26A0483-04**			Prepared & Analyzed: 02/03/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500	ND	105	80-120			
Matrix Spike Dup (2602014-MSD1)	**Source: 26A0483-04**			Prepared & Analyzed: 02/03/2026						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500	ND	108	80-120	3	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601276 - SW8260B										
Blank (2601276-BLK1)				Prepared & Analyzed: 01/29/2026						
Benzene	0.16	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.30	0.50	ug/L							
Toluene	0.13	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*24.9*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Dibromofluoromethane	*25.7*		*ug/L*	*25.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*25.4*		*ug/L*	*25.00*		*102*	*70-130*			
Blank (2601276-BLK2)				Prepared: 01/29/2026 Analyzed: 01/30/2026						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.26	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Dibromofluoromethane	*26.4*		*ug/L*	*25.00*		*106*	*70-130*			
Surrogate: Toluene-d8	*26.1*		*ug/L*	*25.00*		*105*	*70-130*			
LCS (2601276-BS1)				Prepared & Analyzed: 01/29/2026						
1,1-Dichloroethene	28		ug/L	25.00		110	70-130			
Benzene	28		ug/L	25.00		113	70-130			
Chlorobenzene	29		ug/L	25.00		117	70-130			
Toluene	27		ug/L	25.00		109	70-130			
Trichloroethene	27		ug/L	25.00		106	70-130			
Surrogate: 4-Bromofluorobenzene	*25.6*		*ug/L*	*25.00*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*25.6*		*ug/L*	*25.00*		*102*	*70-130*			
Surrogate: Toluene-d8	*25.7*		*ug/L*	*25.00*		*103*	*70-130*			
LCS (2601276-BS2)				Prepared: 01/29/2026 Analyzed: 01/30/2026						
1,1-Dichloroethene	29		ug/L	25.00		117	70-130			
Benzene	29		ug/L	25.00		115	70-130			
Chlorobenzene	28		ug/L	25.00		112	70-130			
Toluene	28		ug/L	25.00		111	70-130			
Trichloroethene	27		ug/L	25.00		107	70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/L*	*25.00*		*98*	*70-130*			
Surrogate: Dibromofluoromethane	*26.2*		*ug/L*	*25.00*		*105*	*70-130*			
Surrogate: Toluene-d8	*26.0*		*ug/L*	*25.00*		*104*	*70-130*			
LCS Dup (2601276-BSD1)				Prepared & Analyzed: 01/29/2026						
1,1-Dichloroethene	25		ug/L	25.00		100	70-130	10	30	
Benzene	29		ug/L	25.00		115	70-130	2	30	
Chlorobenzene	30		ug/L	25.00		120	70-130	3	30	
Toluene	28		ug/L	25.00		112	70-130	3	30	
Trichloroethene	27		ug/L	25.00		108	70-130	1	30	
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Dibromofluoromethane	*26.1*		*ug/L*	*25.00*		*104*	*70-130*			
Surrogate: Toluene-d8	*25.5*		*ug/L*	*25.00*		*102*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601276 - SW8260B										
LCS Dup (2601276-BSD2)				Prepared: 01/29/2026 Analyzed: 01/30/2026						
1,1-Dichloroethene	27		ug/L	25.00		109	70-130	8	30	
Benzene	26		ug/L	25.00		105	70-130	9	30	
Chlorobenzene	26		ug/L	25.00		105	70-130	6	30	
Toluene	26		ug/L	25.00		104	70-130	6	30	
Trichloroethene	24		ug/L	25.00		98	70-130	9	30	
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/L*	*25.00*		*96*	*70-130*			
Surrogate: Dibromofluoromethane	*25.2*		*ug/L*	*25.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*25.8*		*ug/L*	*25.00*		*103*	*70-130*			
Matrix Spike (2601276-MS1)		**Source: 26A0443-01**		Prepared & Analyzed: 01/29/2026						
1,1-Dichloroethene	25		ug/L	25.00	0.0	100	70-130			
Benzene	27		ug/L	25.00	0.0	110	70-130			
Chlorobenzene	28		ug/L	25.00	0.0	111	70-130			
Toluene	27		ug/L	25.00	0.0	108	70-130			
Trichloroethene	29		ug/L	25.00	2.4	105	70-130			
Surrogate: 4-Bromofluorobenzene	*22.7*		*ug/L*	*25.00*		*91*	*70-130*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*23.8*		*ug/L*	*25.00*		*95*	*70-130*			
Matrix Spike (2601276-MS2)		**Source: 26A0527-01**		Prepared: 01/29/2026 Analyzed: 01/30/2026						
1,1-Dichloroethene	24		ug/L	25.00	0.010	98	70-130			
Benzene	24		ug/L	25.00	0.010	96	70-130			
Chlorobenzene	24		ug/L	25.00	0.0	94	70-130			
Toluene	23		ug/L	25.00	0.060	92	70-130			
Trichloroethene	22		ug/L	25.00	0.0	88	70-130			
Surrogate: 4-Bromofluorobenzene	*22.4*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*23.9*		*ug/L*	*25.00*		*96*	*70-130*			
Matrix Spike Dup (2601276-MSD1)		**Source: 26A0443-01**		Prepared & Analyzed: 01/29/2026						
1,1-Dichloroethene	5.3		ug/L	25.00	0.0	21	70-130	130	30	M2, R13
Benzene	5.1		ug/L	25.00	0.0	20	70-130	137	30	M2, R13
Chlorobenzene	4.7		ug/L	25.00	0.0	19	70-130	142	30	M2, R13
Toluene	5.0		ug/L	25.00	0.0	20	70-130	137	30	M2, R13
Trichloroethene	7.3		ug/L	25.00	2.4	20	70-130	119	30	M2, R13
Surrogate: 4-Bromofluorobenzene	*32.6*		*ug/L*	*25.00*		*131*	*70-130*			*S10*
Surrogate: Dibromofluoromethane	*34.1*		*ug/L*	*25.00*		*136*	*70-130*			*S10*
Surrogate: Toluene-d8	*33.0*		*ug/L*	*25.00*		*132*	*70-130*			*S10*
Matrix Spike Dup (2601276-MSD2)		**Source: 26A0527-01**		Prepared: 01/29/2026 Analyzed: 01/30/2026						
1,1-Dichloroethene	26		ug/L	25.00	0.010	103	70-130	5	30	
Benzene	26		ug/L	25.00	0.010	102	70-130	7	30	
Chlorobenzene	25		ug/L	25.00	0.0	101	70-130	7	30	
Toluene	25		ug/L	25.00	0.060	99	70-130	7	30	
Trichloroethene	23		ug/L	25.00	0.0	94	70-130	7	30	
Surrogate: 4-Bromofluorobenzene	*22.5*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*24.8*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*24.0*		*ug/L*	*25.00*		*96*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26A0483
Date Received: 01/19/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2601169 - EPA 300.0 (2.1)										
Blank (2601169-BLK1)				Prepared & Analyzed: 01/19/2026						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2601169-BS1)				Prepared & Analyzed: 01/19/2026						
Chloride	12	1.0	mg/L	12.50		97	90-110			
Fluoride	2.1	0.50	mg/L	2.000		104	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		99	90-110			
Sulfate	13	5.0	mg/L	12.50		102	90-110			
LCS Dup (2601169-BSD1)				Prepared & Analyzed: 01/19/2026						
Chloride	12	1.0	mg/L	12.50		98	90-110	0.7	10	
Fluoride	2.1	0.50	mg/L	2.000		104	90-110	0.5	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		99	90-110	0.6	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500		100	90-110	0.7	10	
Sulfate	13	5.0	mg/L	12.50		103	90-110	0.8	10	
Matrix Spike (2601169-MS1)	**Source: 26A0453-01**			Prepared: 01/21/2026 Analyzed: 02/04/2026						
Chloride	15	1.0	mg/L	12.50	2.5	98	80-120			
Fluoride	2.2	0.50	mg/L	2.000	0.81	68	80-120			M2
Nitrogen, Nitrate (As N)	5.1	0.50	mg/L	5.000	ND	103	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	99	80-120			
Sulfate	17	5.0	mg/L	12.50	7.1	77	80-120			M2
Matrix Spike (2601169-MS2)	**Source: 26A0483-04**			Prepared: 01/21/2026 Analyzed: 02/04/2026						
Chloride	13	1.0	mg/L	12.50	ND	103	80-120			
Fluoride	2.2	0.50	mg/L	2.000	ND	109	80-120			
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	ND	108	80-120			
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	105	80-120			
Sulfate	13	5.0	mg/L	12.50	ND	107	80-120			
Matrix Spike Dup (2601169-MSD1)	**Source: 26A0453-01**			Prepared: 01/21/2026 Analyzed: 02/04/2026						
Chloride	15	1.0	mg/L	12.50	2.5	100	80-120	1	10	
Fluoride	2.2	0.50	mg/L	2.000	0.81	70	80-120	2	10	M2
Nitrogen, Nitrate (As N)	5.3	0.50	mg/L	5.000	ND	106	80-120	3	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	98	80-120	0.9	10	
Sulfate	17	5.0	mg/L	12.50	7.1	80	80-120	2	10	M2
Matrix Spike Dup (2601169-MSD2)	**Source: 26A0483-04**			Prepared: 01/21/2026 Analyzed: 02/04/2026						
Chloride	13	1.0	mg/L	12.50	ND	103	80-120	0.7	10	
Fluoride	2.2	0.50	mg/L	2.000	ND	111	80-120	2	10	
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	ND	108	80-120	0.4	10	
Nitrogen, Nitrite (As N)	2.6	0.10	mg/L	2.500	ND	104	80-120	0.4	10	
Sulfate	13	5.0	mg/L	12.50	ND	106	80-120	0.3	10	

2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
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www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE _____ PAGE _____ OF _____

PROJECT NAME _____ # _____

CONTACT NAME _____

COMPANY NAME _____

ADDRESS _____

ZIP _____ PHONE _____ EMAIL _____

SAMPLER'S SIGNATURE _____

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	Base Neutrals ☐ Acids ☐ 625/8270	Volatile Organics ☐ 624 ☐ 524.2 ☐ 8260 ☐ TTHMS ☐ HAAS	Chloride ☐ Sulfate ☐ Resistivity	NO3 ☐ NO2 ☐ TKN ☐	TPH ☐ 1664 ☐ Oil & Grease	VOA ☐ TCLP Analysis ☐ Semi-VOA ☐ Pest. ☐	TCLP ☐ Metals ☐ Dissolved ☐ Total ☐	Total ☐ RCRA8 ☐	Total ☐ Cyanide ☐ Amen. ☐ WAD ☐	SOM/INORGANICS PRIMARY ☐ SECONDARY ☐	MPN ☐ Coliform ☐ PIA ☐ Fecal ☐	pH ☐ Cl2 ☐ Cl- ☐ Turb ☐	COD ☐ TSS ☐ BOD ☐				

1. RELINQUISHED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

2. RECEIVED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

TURNAROUND REQUIREMENTS:
___ Standard (approx. 10 days)*
___ Next Day ___ 2 Day ___ 5 Day*
___ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
___ I. Routine Report
___ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
___ III. Data Validation Report (Includes All Raw Data) Add 10% to invoice

INVOICE INFORMATION:
Account ___ Y ___ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers _____
Temperature _____
☐ Wet Ice ☐ Ambient ☐ Blue Ice
IR # _____

3. RELINQUISHED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

4. RECEIVED BY:
Signature _____
Printed Name _____
Firm TURNER LABORATORIES, INC.
Date/Time _____

* LEGEND
SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
CMDP Deliverable: ☐ Yes ☐ No
Submit To CMDP: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☒
COC / Labels Agree ☒

Preservation Confirmation ☒
Appropriate Head Space ☐
Received Within Hold Time ☒

SPECIAL INSTRUCTIONS/COMMENTS:

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 19, 2026
Sample Received: January 21, 2026
Analysis Completed: February 05, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26A0483-01	2.4 ± 0.4	2.9 ± 0.6	< 1.0	2.7 ± 1.2	< 0.4	< 0.8	< 0.8

Analysis Date/Time	1/31/2026	1/27/2026	1/31/2026	1/28/2026	2/3/2026	2/3/2026	2/3/2026
	17:37	16:25	17:37	6:00	21:33	21:33	21:33

February 5, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST.• CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 19, 2026
Sample Received: January 21, 2026
Uranium Analysis Date: January 27, 2026
Uranium Analysis Time: 16:25

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26A0483-01	1.4 ± 0.3	0.064 ± 0.002	1.4 ± 0.3	2.9 ± 0.6	Activity (pCi/L)
	4.1 ± 0.8	0.030 ± 0.001	0.00023 ± 0.00005	4.1 ± 0.8	Content (µg/L)
	Comments:				

February 5, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 19, 2026 (Sample Date) 10:47 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/31/2026	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/31/2026	2.4 ± 0.4		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	1/27/2026	4.1 ± 0.8	µg/L	
			Uranium 234	4007	1/27/2026	0.00023 ± 0.00005		
			Uranium 235	4008	1/27/2026	0.030 ± 0.001		
			Uranium 238	4009	1/27/2026	4.1 ± 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	2/3/2026	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	2/3/2026	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	2/3/2026	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79161

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0483-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 19, 2026 (Sample Date) 10:47 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/28/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

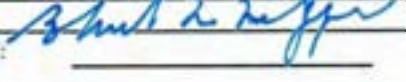
Specimen Number: RSE79161

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0483-01

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST.• CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 19, 2026
Sample Received: January 21, 2026
Analysis Completed: February 05, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26A0483-02	4.8 ± 0.5	5.0 ± 0.7	< 1.0	5.9 ± 1.3	< 0.4	< 0.8	< 0.8

Analysis Date/Time	1/31/2026	1/27/2026	1/31/2026	1/28/2026	2/4/2026	2/4/2026	2/4/2026
	19:17	16:39	19:17	9:21	1:48	1:48	1:48

February 5, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 19, 2026
Sample Received: January 21, 2026
Uranium Analysis Date: January 27, 2026
Uranium Analysis Time: 16:39

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26A0483-02	1.3 ± 0.3	0.062 ± 0.002	3.6 ± 0.5	5.0 ± 0.7	Activity (pCi/L)
	4.0 ± 0.8	0.029 ± 0.001	0.00058 ± 0.00007	4.0 ± 0.8	Content (µg/L)
	Comments:				

February 5, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 19, 2026 (Sample Date) 12:45 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/31/2026	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/31/2026	4.8 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	1/27/2026	4.0 ± 0.8	µg/L	
			Uranium 234	4007	1/27/2026	0.00058 ± 0.00007		
			Uranium 235	4008	1/27/2026	0.029 ± 0.001		
			Uranium 238	4009	1/27/2026	4.0 ± 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	2/4/2026	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	2/4/2026	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	2/4/2026	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79162

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0483-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 19, 2026 (Sample Date) 12:45 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/28/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

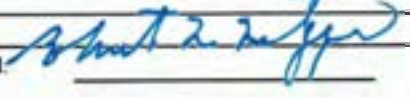
Specimen Number: RSE79162

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0483-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 19, 2026
Sample Received: January 21, 2026
Analysis Completed: February 05, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26A0483-03	2.3 ± 0.6	< 0.4	2.3 ± 0.6	3.9 ± 1.2	< 0.4	0.9 ± 0.3	0.9 ± 0.3

Analysis Date/Time	1/31/2026 20:57	1/27/2026 16:55	1/31/2026 20:57	1/28/2026 12:41	2/4/2026 6:01	2/4/2026 6:01	2/4/2026 6:01

February 5, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 19, 2026
Sample Received: January 21, 2026
Uranium Analysis Date: January 27, 2026
Uranium Analysis Time: 16:55

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26A0483-03	< 0.3	< 0.002	< 0.3	< 0.4	Activity (pCi/L)
	< 0.8	< 0.001	< 0.00005	< 0.8	Content (µg/L)
	Comments:				

February 5, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 19, 2026 (Sample Date) 14:20 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/31/2026	2.3 ± 0.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/31/2026	2.3 ± 0.6		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	1/27/2026	< 0.8	µg/L	
			Uranium 234	4007	1/27/2026	< 0.00005		
			Uranium 235	4008	1/27/2026	< 0.001		
			Uranium 238	4009	1/27/2026	< 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	2/4/2026	0.9 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	2/4/2026	< 0.4		
GammaRay HPGE		1 pCi/L	Radium 228	4030	2/4/2026	0.9 ± 0.3		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79163

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0483-03

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 19, 2026 (Sample Date) 14:20 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/28/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

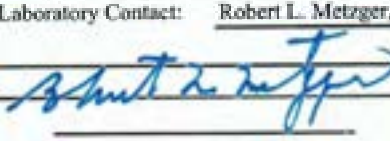
Specimen Number: RSE79163

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0483-03

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST.• CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 19, 2026
Sample Received: January 21, 2026
Analysis Completed: February 05, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26A0483-04	< 0.5	< 0.4	< 0.5	< 2.4	< 0.5	< 0.8	< 0.8

Analysis Date/Time	1/31/2026	1/28/2026	1/31/2026	1/28/2026	2/4/2026	2/4/2026	2/4/2026
	22:38	8:31	22:38	16:01	10:17	10:17	10:17

February 5, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: January 19, 2026
Sample Received: January 21, 2026
Uranium Analysis Date: January 28, 2026
Uranium Analysis Time: 8:31

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26A0483-04	< 0.3	< 0.002	< 0.3	< 0.4	Activity (pCi/L)
	< 0.8	< 0.001	< 0.00005	< 0.8	Content (µg/L)
	Comments:				

February 5, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 19, 2026 (Sample Date) 14:50 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	1/31/2026	< 0.5		
EPA 00-02		3 pCi/L	Gross Alpha	4002	1/31/2026	< 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	1/28/2026	< 0.8	µg/L	
			Uranium 234	4007	1/28/2026	< 0.00005		
			Uranium 235	4008	1/28/2026	< 0.001		
			Uranium 238	4009	1/28/2026	< 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	2/4/2026	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	2/4/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	2/4/2026	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79164

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0483-04

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

January 19, 2026 (Sample Date) 14:50 (Sample Time) (24 hour clock)

_____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number)

_____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	1/28/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

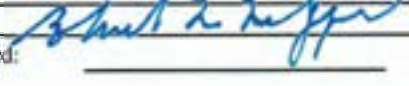
Specimen Number: RSE79164

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26A0483-04

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26A0483

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Kevin Brim Kbrim@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26A0483-01 Non-Potable Wa Sampled:01/19/2026 10:47			
Radiochemistry, Uranium	07/18/2026 10:47		
Radiochemistry, Radium 226/228	02/18/2026 10:47		
Radiochemistry, Gross Alpha Beta	07/18/2026 10:47		
Containers Supplied: |			79161
Sample ID: 26A0483-02 Non-Potable Wa Sampled:01/19/2026 12:45			
Radiochemistry, Uranium	07/18/2026 12:45		
Radiochemistry, Radium 226/228	02/18/2026 12:45		
Radiochemistry, Gross Alpha Beta	07/18/2026 12:45		
Containers Supplied: |			79162
Sample ID: 26A0483-03 Non-Potable Wa Sampled:01/19/2026 14:20			
Radiochemistry, Uranium	07/18/2026 14:20		
Radiochemistry, Radium 226/228	02/18/2026 14:20		
Radiochemistry, Gross Alpha Beta	07/18/2026 14:20		
Containers Supplied: |			79163
Sample ID: 26A0483-04 Non-Potable Wa Sampled:01/19/2026 14:50			
Radiochemistry, Uranium	07/18/2026 14:50		
Radiochemistry, Radium 226/228	02/18/2026 14:50		
Radiochemistry, Gross Alpha Beta	07/18/2026 14:50		
Containers Supplied: |			79164

Released By	Date	Received By	Date
[illegible] Tilden	1/20/26 1600	UPS	1/20/26 1600
		MS	1/21/26 11:25

Released By	Date	Received By	Date

March 15, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 26B0429
Order Name: Ground water

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 6 sample(s) on 02/13/2026 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Date Received: 02/13/2026

Order: Ground water

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
26B0429-01	POC - 04	Ground Water	02/12/2026 1004
26B0429-02	POC - 03	Ground Water	02/12/2026 1210
26B0429-03	POC - 02	Ground Water	02/12/2026 1333
26B0429-04	DUP POC - 02	Ground Water	02/12/2026 1400
26B0429-05	POC - 01	Ground Water	02/12/2026 1515
26B0429-06	POC - 06	Ground Water	02/12/2026 1626

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Date Received: 02/13/2026

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H1	Sample analysis was performed past holding time.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-01

Client Sample ID: POC - 04
Collection Date/Time: 02/12/2026 1004
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	02/19/2026 1322	02/19/2026 1533	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	02/16/2026 0807	02/16/2026 1235	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.18	0.020	0.30	E4	mg/L	1	02/24/2026 1016	03/06/2026 1548	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.023	0.000016	0.00056		mg/L	1	02/25/2026 0903	02/27/2026 1720	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	60	0.13	4.0		mg/L	1	02/22/2026 1511	03/04/2026 1203	RAR
Magnesium	17	0.10	3.0		mg/L	1	02/22/2026 1511	03/04/2026 1203	RAR
Potassium	6.0	0.14	5.0		mg/L	1	02/22/2026 1511	03/04/2026 1203	RAR
Sodium	49	0.58	5.0		mg/L	1	02/22/2026 1511	03/04/2026 1203	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1552	RAR
Antimony	0.000080	0.000039	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1218	RAR
Arsenic	0.0035	0.00010	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1218	RAR
Barium	0.057	0.000029	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1218	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1552	RAR
Cadmium	0.000050	0.000050	0.00025	E4	mg/L	1	02/25/2026 1009	03/03/2026 1218	RAR
Chromium	ND	0.00012	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1552	RAR
Cobalt	0.00034	0.000052	0.0013	E4	mg/L	5	02/25/2026 1009	03/10/2026 1552	RAR
Copper	0.0017	0.00077	0.0025	E4	mg/L	5	02/25/2026 1009	03/10/2026 1552	RAR
Lead	0.00030	0.000057	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1218	RAR
Manganese	0.45	0.00019	0.0013	M2	mg/L	5	02/25/2026 1009	03/10/2026 1552	RAR
Molybdenum	0.076	0.000025	0.00025		mg/L	1	02/25/2026 1009	03/03/2026 1218	RAR
Nickel	0.086	0.000076	0.0025	M2	mg/L	5	02/25/2026 1009	03/10/2026 1552	RAR
Selenium	0.00087	0.00025	0.0025	E4	mg/L	1	02/25/2026 1009	03/03/2026 1218	RAR
Thallium	0.000053	0.000023	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1218	RAR
Uranium	0.022	0.000015	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1218	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-01

Client Sample ID: POC - 04
Collection Date/Time: 02/12/2026 1004
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	ND	0.011	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1552	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/26/2026 1157	03/02/2026 1406	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	25	1.5	2.0		mg/L	2	02/16/2026 0807	03/03/2026 2054	SS
Fluoride	2.8	0.18	0.50		mg/L	1	02/16/2026 0807	02/16/2026 1235	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8, H1	mg/L	1	02/16/2026 0807	02/16/2026 1235	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8, H1	mg/L	1	02/16/2026 0807	02/16/2026 1235	SS
Sulfate	97	2.8	5.0		mg/L	1	02/16/2026 0807	02/16/2026 1235	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.59	0.30	0.50		mg/L	1	02/19/2026 1322	02/19/2026 1533	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	02/20/2026 0829	02/20/2026 1545	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Total (As CaCO3)	230	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	440	20	20		mg/L	1	02/18/2026 0847	02/23/2026 1455	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/23/2026 1435	02/23/2026 1600	SJS

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-01

Client Sample ID: POC - 04
Collection Date/Time: 02/12/2026 1004
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH-SM4500-H+ B									
pH (pH Units)	7.5			H5	-	1	02/20/2026 1535	02/23/2026 1638	IM
Temperature (°C)	21			H5	-	1	02/20/2026 1535	02/23/2026 1638	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1134	02/17/2026 1719	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	02/17/2026 1134	02/17/2026 1719	KP
Ethylbenzene	0.27	0.054	0.50	E4	ug/L	1	02/17/2026 1134	02/17/2026 1719	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	02/17/2026 1134	02/17/2026 1719	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	02/17/2026 1134	02/17/2026 1719	KP
Surr: 4-Bromofluorobenzene	*91*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/17/2026 1719*	*KP*
Surr: Dibromofluoromethane	*99*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/17/2026 1719*	*KP*
Surr: Toluene-d8	*98*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/17/2026 1719*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-02

Client Sample ID: POC - 03
Collection Date/Time: 02/12/2026 1210
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	02/19/2026 1322	02/19/2026 1533	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.32	0.28	0.60	J	mg/L	1	02/16/2026 0807	02/16/2026 1259	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.023	0.020	0.30	E4	mg/L	1	02/26/2026 1016	03/06/2026 1626	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0087	0.000016	0.00056		mg/L	1	02/25/2026 0903	02/27/2026 1726	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	97	0.13	4.0		mg/L	1	02/22/2026 1511	03/04/2026 1206	RAR
Magnesium	29	0.10	3.0		mg/L	1	02/22/2026 1511	03/04/2026 1206	RAR
Potassium	5.1	0.14	5.0		mg/L	1	02/22/2026 1511	03/04/2026 1206	RAR
Sodium	36	0.58	5.0		mg/L	1	02/22/2026 1511	03/04/2026 1206	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1558	RAR
Antimony	0.00054	0.000039	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1224	RAR
Arsenic	0.0076	0.00010	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1224	RAR
Barium	0.073	0.000029	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1224	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1558	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	02/25/2026 1009	03/03/2026 1224	RAR
Chromium	ND	0.00012	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1558	RAR
Cobalt	0.00010	0.000052	0.0013	E4	mg/L	5	02/25/2026 1009	03/10/2026 1558	RAR
Copper	ND	0.00077	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1558	RAR
Lead	0.00053	0.000057	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1224	RAR
Manganese	0.0030	0.00019	0.0013		mg/L	5	02/25/2026 1009	03/10/2026 1558	RAR
Molybdenum	0.16	0.000025	0.00025		mg/L	1	02/25/2026 1009	03/03/2026 1224	RAR
Nickel	0.0015	0.000076	0.0025	E4	mg/L	5	02/25/2026 1009	03/10/2026 1558	RAR
Selenium	0.0020	0.00025	0.0025	E4	mg/L	1	02/25/2026 1009	03/03/2026 1224	RAR
Thallium	0.000076	0.000023	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1224	RAR
Uranium	0.0085	0.000015	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1224	RAR
Zinc	0.014	0.011	0.20	E4	mg/L	5	02/25/2026 1009	03/10/2026 1558	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-02

Client Sample ID: POC - 03
Collection Date/Time: 02/12/2026 1210
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/26/2026 1157	03/02/2026 1408	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	28	3.8	5.0		mg/L	5	02/16/2026 0807	03/03/2026 2253	SS
Fluoride	1.4	0.18	0.50		mg/L	1	02/16/2026 0807	02/16/2026 1259	SS
Nitrogen, Nitrate (As N)	0.32	0.27	0.50	E4, H1	mg/L	1	02/16/2026 0807	02/16/2026 1259	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8, H1	mg/L	1	02/16/2026 0807	02/16/2026 1259	SS
Sulfate	200	14	25		mg/L	5	02/16/2026 0807	03/03/2026 2253	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.57	0.30	0.50		mg/L	1	02/19/2026 1322	02/19/2026 1533	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	02/20/2026 1359	02/20/2026 1545	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	240	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Total (As CaCO3)	240	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	620	20	20		mg/L	1	02/18/2026 0847	02/23/2026 1455	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/23/2026 1435	02/23/2026 1600	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.3			H5	-	1	02/20/2026 1535	02/23/2026 1640	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-02

Client Sample ID: POC - 03
Collection Date/Time: 02/12/2026 1210
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	21			H5	-	1	02/20/2026 1535	02/23/2026 1640	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0035	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	02/17/2026 1134	02/18/2026 0035	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0035	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0035	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	02/17/2026 1134	02/18/2026 0035	KP
Surr: 4-Bromofluorobenzene	*89*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 035*	*KP*
Surr: Dibromofluoromethane	*99*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 035*	*KP*
Surr: Toluene-d8	*99*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 035*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-03

Client Sample ID: POC - 02
Collection Date/Time: 02/12/2026 1333
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	2.9	0.58	1.1		mg/L	1	02/19/2026 1322	02/19/2026 1533	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	2.5	0.28	0.60		mg/L	1	02/16/2026 0807	02/16/2026 1323	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	02/26/2026 1016	03/06/2026 1629	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.020	0.000016	0.00056		mg/L	1	02/25/2026 0903	02/27/2026 1738	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	240	0.13	4.0		mg/L	1	02/22/2026 1511	03/04/2026 1209	RAR
Magnesium	74	0.10	3.0		mg/L	1	02/22/2026 1511	03/04/2026 1209	RAR
Potassium	4.6	0.14	5.0	E4	mg/L	1	02/22/2026 1511	03/04/2026 1209	RAR
Sodium	35	0.58	5.0		mg/L	1	02/22/2026 1511	03/04/2026 1209	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1604	RAR
Antimony	0.00088	0.000039	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1230	RAR
Arsenic	0.0069	0.00010	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1230	RAR
Barium	0.024	0.000029	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1230	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1604	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	02/25/2026 1009	03/03/2026 1230	RAR
Chromium	ND	0.00012	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1604	RAR
Cobalt	0.00019	0.000052	0.0013	E4	mg/L	5	02/25/2026 1009	03/10/2026 1604	RAR
Copper	ND	0.00077	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1604	RAR
Lead	0.00031	0.000057	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1230	RAR
Manganese	ND	0.00019	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1604	RAR
Molybdenum	0.17	0.000025	0.00025		mg/L	1	02/25/2026 1009	03/03/2026 1230	RAR
Nickel	0.0029	0.000076	0.0025		mg/L	5	02/25/2026 1009	03/10/2026 1604	RAR
Selenium	0.0090	0.00025	0.0025		mg/L	1	02/25/2026 1009	03/03/2026 1230	RAR
Thallium	0.000051	0.000023	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1230	RAR
Uranium	0.020	0.000015	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1230	RAR
Zinc	ND	0.011	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1604	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-03

Client Sample ID: POC - 02
Collection Date/Time: 02/12/2026 1333
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/26/2026 1157	03/02/2026 1411	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	96	15	20		mg/L	20	02/16/2026 0807	03/03/2026 2317	SS
Fluoride	1.9	0.18	0.50		mg/L	1	02/16/2026 0807	02/16/2026 1323	SS
Nitrogen, Nitrate (As N)	2.5	0.27	0.50	H1	mg/L	1	02/16/2026 0807	02/16/2026 1323	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8, H1	mg/L	1	02/16/2026 0807	02/16/2026 1323	SS
Sulfate	710	56	100		mg/L	20	02/16/2026 0807	03/03/2026 2317	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.49	0.30	0.50	E4	mg/L	1	02/19/2026 1322	02/19/2026 1533	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E4	mg/L	1	02/20/2026 1359	02/20/2026 1545	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Total (As CaCO3)	190	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400	20	20		mg/L	1	02/18/2026 0847	02/23/2026 1455	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/23/2026 1435	02/23/2026 1600	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.4			H5	-	1	03/05/2026 0818	03/05/2026 1602	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-03

Client Sample ID: POC - 02
Collection Date/Time: 02/12/2026 1333
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	21			H5	-	1	03/05/2026 0818	03/05/2026 1602	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0115	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	02/17/2026 1134	02/18/2026 0115	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0115	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0115	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	02/17/2026 1134	02/18/2026 0115	KP
Surr: 4-Bromofluorobenzene	*91*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 115*	*KP*
Surr: Dibromofluoromethane	*101*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 115*	*KP*
Surr: Toluene-d8	*100*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 115*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-04

Client Sample ID: DUP POC - 02
Collection Date/Time: 02/12/2026 1400
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	2.8	0.58	1.1		mg/L	1	02/19/2026 1322	02/19/2026 1533	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	2.5	0.28	0.60		mg/L	1	02/16/2026 0807	02/16/2026 1347	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	02/26/2026 1016	03/06/2026 1632	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.020	0.000016	0.00056		mg/L	1	02/25/2026 0903	02/27/2026 1741	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	240	0.13	4.0		mg/L	1	02/22/2026 1511	03/04/2026 1212	RAR
Magnesium	73	0.10	3.0		mg/L	1	02/22/2026 1511	03/04/2026 1212	RAR
Potassium	4.6	0.14	5.0	E4	mg/L	1	02/22/2026 1511	03/04/2026 1212	RAR
Sodium	34	0.58	5.0		mg/L	1	02/22/2026 1511	03/04/2026 1212	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	0.38	0.066	0.20		mg/L	5	02/25/2026 1009	03/10/2026 1607	RAR
Antimony	0.00084	0.000039	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1233	RAR
Arsenic	0.0066	0.00010	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1233	RAR
Barium	0.024	0.000029	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1233	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1607	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	02/25/2026 1009	03/03/2026 1233	RAR
Chromium	ND	0.00012	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1607	RAR
Cobalt	0.00017	0.000052	0.0013	E4	mg/L	5	02/25/2026 1009	03/10/2026 1607	RAR
Copper	ND	0.00077	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1607	RAR
Lead	0.00025	0.000057	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1233	RAR
Manganese	0.00034	0.00019	0.0013	E4	mg/L	5	02/25/2026 1009	03/10/2026 1607	RAR
Molybdenum	0.17	0.000025	0.00025		mg/L	1	02/25/2026 1009	03/03/2026 1233	RAR
Nickel	0.0032	0.000076	0.0025		mg/L	5	02/25/2026 1009	03/10/2026 1607	RAR
Selenium	0.0085	0.00025	0.0025		mg/L	1	02/25/2026 1009	03/03/2026 1233	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1233	RAR
Uranium	0.020	0.000015	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1233	RAR
Zinc	ND	0.011	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1607	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-04

Client Sample ID: DUP POC - 02
Collection Date/Time: 02/12/2026 1400
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/26/2026 1157	03/02/2026 1413	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	96	15	20		mg/L	20	02/16/2026 0807	03/03/2026 2341	SS
Fluoride	1.9	0.18	0.50		mg/L	1	02/16/2026 0807	02/16/2026 1347	SS
Nitrogen, Nitrate (As N)	2.5	0.27	0.50	H1	mg/L	1	02/16/2026 0807	02/16/2026 1347	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8, H1	mg/L	1	02/16/2026 0807	02/16/2026 1347	SS
Sulfate	710	56	100		mg/L	20	02/16/2026 0807	03/03/2026 2341	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.36	0.30	0.50	E4	mg/L	1	02/19/2026 1322	02/19/2026 1533	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	02/20/2026 1359	02/20/2026 1545	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	180	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Total (As CaCO3)	180	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400	20	20		mg/L	1	02/18/2026 0847	02/23/2026 1455	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/23/2026 1435	02/23/2026 1600	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.3			H5	-	1	03/05/2026 0818	03/05/2026 1605	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-04

Client Sample ID: DUP POC - 02
Collection Date/Time: 02/12/2026 1400
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	21			H5	-	1	03/05/2026 0818	03/05/2026 1605	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0154	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	02/17/2026 1134	02/18/2026 0154	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0154	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0154	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	02/17/2026 1134	02/18/2026 0154	KP
Surr: 4-Bromofluorobenzene	*90*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 154*	*KP*
Surr: Dibromofluoromethane	*100*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 154*	*KP*
Surr: Toluene-d8	*100*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 154*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-05

Client Sample ID: POC - 01
Collection Date/Time: 02/12/2026 1515
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	25	3.3	6.1		mg/L	10	02/26/2026 1145	03/04/2026 0005	SS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	24	2.7	5.1		mg/L	10	02/16/2026 0807	03/04/2026 0005	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	02/26/2026 1016	03/06/2026 1635	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.013	0.000016	0.00056		mg/L	1	02/25/2026 0903	02/27/2026 1756	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	260	0.13	4.0		mg/L	1	02/26/2026 1511	03/04/2026 1215	RAR
Magnesium	73	0.10	3.0		mg/L	1	02/26/2026 1511	03/04/2026 1215	RAR
Potassium	5.8	0.14	5.0		mg/L	1	02/26/2026 1511	03/04/2026 1215	RAR
Sodium	20	0.58	5.0		mg/L	1	02/26/2026 1511	03/04/2026 1215	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1610	RAR
Antimony	0.00031	0.000039	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1236	RAR
Arsenic	0.0044	0.00010	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1236	RAR
Barium	0.029	0.000029	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1236	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1610	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	02/25/2026 1009	03/03/2026 1236	RAR
Chromium	ND	0.00012	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1610	RAR
Cobalt	0.00028	0.000052	0.0013	E4	mg/L	5	02/25/2026 1009	03/10/2026 1610	RAR
Copper	ND	0.00077	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1610	RAR
Lead	0.00026	0.000057	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1236	RAR
Manganese	ND	0.00019	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1610	RAR
Molybdenum	0.078	0.000025	0.00025		mg/L	1	02/25/2026 1009	03/03/2026 1236	RAR
Nickel	0.012	0.000076	0.0025		mg/L	5	02/25/2026 1009	03/10/2026 1610	RAR
Selenium	0.012	0.00025	0.0025		mg/L	1	02/25/2026 1009	03/03/2026 1236	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1236	RAR
Uranium	0.016	0.000015	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1236	RAR
Zinc	ND	0.011	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1610	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-05

Client Sample ID: POC - 01
Collection Date/Time: 02/12/2026 1515
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/26/2026 1157	03/02/2026 1416	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	18	0.75	1.0		mg/L	1	02/16/2026 0807	02/16/2026 1411	SS
Fluoride	1.1	0.18	0.50		mg/L	1	02/16/2026 0807	02/16/2026 1411	SS
Nitrogen, Nitrate (As N)	24	2.7	5.0	H1	mg/L	10	02/16/2026 0807	03/04/2026 0005	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8, H1	mg/L	1	02/16/2026 0807	02/16/2026 1411	SS
Sulfate	670	28	50		mg/L	10	02/16/2026 0807	03/04/2026 0005	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.74	0.60	1.0	E4	mg/L	2	02/26/2026 1145	02/26/2026 1610	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	02/20/2026 1359	02/20/2026 1545	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Total (As CaCO3)	190	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400	20	20		mg/L	1	02/18/2026 0847	02/23/2026 1455	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/23/2026 1435	02/23/2026 1600	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.4			H5	-	1	03/05/2026 0818	03/05/2026 1608	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-05

Client Sample ID: POC - 01
Collection Date/Time: 02/12/2026 1515
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	21			H5	-	1	03/05/2026 0818	03/05/2026 1608	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0234	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	02/17/2026 1134	02/18/2026 0234	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0234	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0234	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	02/17/2026 1134	02/18/2026 0234	KP
Surr: 4-Bromofluorobenzene	*88*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 234*	*KP*
Surr: Dibromofluoromethane	*96*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 234*	*KP*
Surr: Toluene-d8	*98*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 234*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-06

Client Sample ID: POC - 06
Collection Date/Time: 02/12/2026 1626
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	02/16/2026 0807	02/16/2026 1435	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	02/26/2026 1016	03/06/2026 1638	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.017	0.000016	0.00056		mg/L	1	02/25/2026 0903	02/27/2026 1759	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	68	0.13	4.0		mg/L	1	02/26/2026 1511	03/04/2026 1218	RAR
Magnesium	18	0.10	3.0		mg/L	1	02/26/2026 1511	03/04/2026 1218	RAR
Potassium	4.6	0.14	5.0	E4	mg/L	1	02/26/2026 1511	03/04/2026 1218	RAR
Sodium	45	0.58	5.0		mg/L	1	02/26/2026 1511	03/04/2026 1218	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1613	RAR
Antimony	0.0028	0.000039	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1239	RAR
Arsenic	0.0030	0.00010	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1239	RAR
Barium	0.067	0.000029	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1239	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1613	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	02/25/2026 1009	03/03/2026 1239	RAR
Chromium	ND	0.00012	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1613	RAR
Cobalt	ND	0.000052	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1613	RAR
Copper	0.00088	0.00077	0.0025	E4	mg/L	5	02/25/2026 1009	03/10/2026 1613	RAR
Lead	0.00024	0.000057	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1239	RAR
Manganese	0.0045	0.00019	0.0013		mg/L	5	02/25/2026 1009	03/10/2026 1613	RAR
Molybdenum	0.13	0.000025	0.00025		mg/L	1	02/25/2026 1009	03/03/2026 1239	RAR
Nickel	0.0053	0.000076	0.0025		mg/L	5	02/25/2026 1009	03/10/2026 1613	RAR
Selenium	0.0011	0.00025	0.0025	E4	mg/L	1	02/25/2026 1009	03/03/2026 1239	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1239	RAR
Uranium	0.017	0.000015	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1239	RAR
Zinc	ND	0.011	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1613	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-06

Client Sample ID: POC - 06
Collection Date/Time: 02/12/2026 1626
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/26/2026 1157	03/02/2026 1423	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	43	3.8	5.0		mg/L	5	02/16/2026 0807	03/04/2026 0028	SS
Fluoride	2.9	0.18	0.50		mg/L	1	02/16/2026 0807	02/16/2026 1435	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8, H1	mg/L	1	02/16/2026 0807	02/16/2026 1435	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8, H1	mg/L	1	02/16/2026 0807	02/16/2026 1435	SS
Sulfate	120	14	25		mg/L	5	02/16/2026 0807	03/04/2026 0028	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	02/20/2026 1359	02/20/2026 1545	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Total (As CaCO3)	190	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	450	20	20		mg/L	1	02/18/2026 0847	02/23/2026 1455	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/23/2026 1435	02/23/2026 1600	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.6			H5	-	1	03/05/2026 0818	03/05/2026 1611	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Lab Sample ID: 26B0429-06

Client Sample ID: POC - 06
Collection Date/Time: 02/12/2026 1626
Matrix: Ground Water
Order Name: Ground water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Temperature (°C)	21			H5	-	1	03/05/2026 0818	03/05/2026 1611	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0314	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	02/17/2026 1134	02/18/2026 0314	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0314	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0314	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	02/17/2026 1134	02/18/2026 0314	KP
Surr: 4-Bromofluorobenzene	*89*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 314*	*KP*
Surr: Dibromofluoromethane	*98*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 314*	*KP*
Surr: Toluene-d8	*95*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 314*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Date Received: 02/13/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602243 - EPA 200.8 (5.4)										
Blank (2602243-BLK1)				Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.00013	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2602243-BS1)				Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	0.11	0.040	mg/L	0.1000		105	85-115			
Antimony	0.056	0.00050	mg/L	0.05000		112	85-115			
Arsenic	0.055	0.00050	mg/L	0.05000		109	85-115			
Barium	0.057	0.00050	mg/L	0.05000		113	85-115			
Beryllium	0.049	0.00025	mg/L	0.05000		98	85-115			
Cadmium	0.055	0.00025	mg/L	0.05000		110	85-115			
Chromium	0.049	0.00050	mg/L	0.05000		99	85-115			
Cobalt	0.049	0.00025	mg/L	0.05000		99	85-115			
Copper	0.051	0.00050	mg/L	0.05000		102	85-115			
Lead	0.056	0.00050	mg/L	0.05000		111	85-115			
Manganese	0.051	0.00025	mg/L	0.05000		103	85-115			
Molybdenum	0.056	0.00025	mg/L	0.05000		113	85-115			
Nickel	0.050	0.00050	mg/L	0.05000		101	85-115			
Selenium	0.055	0.0025	mg/L	0.05000		110	85-115			
Thallium	0.055	0.00050	mg/L	0.05000		110	85-115			
Uranium	0.056	0.00050	mg/L	0.05000		112	85-115			
Zinc	0.10	0.040	mg/L	0.1000		103	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Date Received: 02/13/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602243 - EPA 200.8 (5.4)										
LCS Dup (2602243-BSD1)				Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	0.11	0.040	mg/L	0.1000		111	85-115	6	20	
Antimony	0.056	0.00050	mg/L	0.05000		112	85-115	0.1	20	
Arsenic	0.056	0.00050	mg/L	0.05000		111	85-115	2	20	
Barium	0.057	0.00050	mg/L	0.05000		113	85-115	0.1	20	
Beryllium	0.049	0.00025	mg/L	0.05000		99	85-115	0.4	20	
Cadmium	0.055	0.00025	mg/L	0.05000		111	85-115	0.6	20	
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Cobalt	0.050	0.00025	mg/L	0.05000		99	85-115	0.6	20	
Copper	0.051	0.00050	mg/L	0.05000		102	85-115	0.5	20	
Lead	0.056	0.00050	mg/L	0.05000		112	85-115	0.7	20	
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115	0.6	20	
Molybdenum	0.056	0.00025	mg/L	0.05000		113	85-115	0.1	20	
Nickel	0.051	0.00050	mg/L	0.05000		101	85-115	0.3	20	
Selenium	0.054	0.0025	mg/L	0.05000		107	85-115	3	20	
Thallium	0.055	0.00050	mg/L	0.05000		110	85-115	0.2	20	
Uranium	0.056	0.00050	mg/L	0.05000		112	85-115	0.09	20	
Zinc	0.10	0.040	mg/L	0.1000		103	85-115	0.3	20	
Matrix Spike (2602243-MS1)		**Source: 26B0429-01**		Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	0.10	0.040	mg/L	0.1000	ND	103	70-130			
Antimony	0.053	0.00050	mg/L	0.05000	0.000080	106	70-130			
Arsenic	0.058	0.00050	mg/L	0.05000	0.0035	109	70-130			
Barium	0.11	0.00050	mg/L	0.05000	0.057	107	70-130			
Beryllium	0.042	0.00025	mg/L	0.05000	ND	84	70-130			
Cadmium	0.050	0.00025	mg/L	0.05000	0.000050	100	70-130			
Chromium	0.048	0.00050	mg/L	0.05000	0.000075	96	70-130			
Cobalt	0.049	0.00025	mg/L	0.05000	0.00034	97	70-130			
Copper	0.046	0.00050	mg/L	0.05000	0.0017	90	70-130			
Lead	0.052	0.00050	mg/L	0.05000	0.00030	103	70-130			
Manganese	0.12	0.00025	mg/L	0.05000	0.45	NR	70-130			M2
Molybdenum	0.13	0.00025	mg/L	0.05000	0.076	106	70-130			
Nickel	0.048	0.00050	mg/L	0.05000	0.086	NR	70-130			M2
Selenium	0.055	0.0025	mg/L	0.05000	0.00087	109	70-130			
Thallium	0.052	0.00050	mg/L	0.05000	0.000053	104	70-130			
Uranium	0.081	0.00050	mg/L	0.05000	0.022	118	70-130			
Zinc	0.080	0.040	mg/L	0.1000	ND	80	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Date Received: 02/13/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602243 - EPA 200.8 (5.4)										
Matrix Spike (2602243-MS2)		**Source: 26B0429-02**		Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	0.12	0.040	mg/L	0.1000	0.016	100	70-130			
Antimony	0.053	0.00050	mg/L	0.05000	0.00054	104	70-130			
Arsenic	0.062	0.00050	mg/L	0.05000	0.0076	109	70-130			
Barium	0.13	0.00050	mg/L	0.05000	0.073	105	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.000024	103	70-130			
Cadmium	0.049	0.00025	mg/L	0.05000	ND	98	70-130			
Chromium	0.055	0.00050	mg/L	0.05000	ND	110	70-130			
Cobalt	0.054	0.00025	mg/L	0.05000	0.00010	108	70-130			
Copper	0.052	0.00050	mg/L	0.05000	0.00075	103	70-130			
Lead	0.053	0.00050	mg/L	0.05000	0.00053	104	70-130			
Manganese	0.057	0.00025	mg/L	0.05000	0.0030	107	70-130			
Molybdenum	0.22	0.00025	mg/L	0.05000	0.16	102	70-130			
Nickel	0.054	0.00050	mg/L	0.05000	0.0015	105	70-130			
Selenium	0.055	0.0025	mg/L	0.05000	0.0020	107	70-130			
Thallium	0.053	0.00050	mg/L	0.05000	0.000076	106	70-130			
Uranium	0.069	0.00050	mg/L	0.05000	0.0085	120	70-130			
Zinc	0.099	0.040	mg/L	0.1000	0.014	85	70-130			
Batch 2602260 - E200.8 (5.4)										
Blank (2602260-BLK1)				Prepared: 02/25/2026 Analyzed: 02/27/2026						
Uranium	0.000067	0.00050	mg/L							
LCS (2602260-BS1)				Prepared: 02/25/2026 Analyzed: 02/27/2026						
Uranium	0.050	0.00056	mg/L	0.05556		90	85-115			
LCS Dup (2602260-BSD1)				Prepared: 02/25/2026 Analyzed: 02/27/2026						
Uranium	0.049	0.00056	mg/L	0.05556		89	85-115	0.7	20	
Matrix Spike (2602260-MS1)		**Source: 26B0429-01**		Prepared: 02/25/2026 Analyzed: 02/27/2026						
Uranium	0.082	0.00056	mg/L	0.05556	0.023	106	70-130			
Matrix Spike (2602260-MS2)		**Source: 26B0429-02**		Prepared: 02/25/2026 Analyzed: 02/27/2026						
Uranium	0.067	0.00056	mg/L	0.05556	0.0087	104	70-130			
Batch 2602272 - EPA 245.1										
Blank (2602272-BLK1)				Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	ND	0.0010	mg/L							
LCS (2602272-BS1)				Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		100	85-115			
LCS Dup (2602272-BSD1)				Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		101	85-115	0.2	20	
Matrix Spike (2602272-MS1)		**Source: 26B0359-01**		Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0052	0.0010	mg/L	0.005000	ND	104	70-130			
Matrix Spike (2602272-MS2)		**Source: 26B0359-02**		Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	101	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0429
Date Received: 02/13/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602272 - EPA 245.1										
Matrix Spike Dup (2602272-MSD1)		**Source: 26B0359-01**		Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	101	70-130	3	20	
Matrix Spike Dup (2602272-MSD2)		**Source: 26B0359-02**		Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	102	70-130	0.6	20	
Batch 2603008 - EPA 200.7 (4.4)										
Blank (2603008-BLK1)				Prepared: 02/26/2026 Analyzed: 03/04/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.4	5.0	mg/L							
LCS (2603008-BS1)				Prepared: 02/26/2026 Analyzed: 03/04/2026						
Calcium	9.9	4.0	mg/L	10.00		99	85-115			
Magnesium	9.8	3.0	mg/L	10.00		98	85-115			
Potassium	9.7	5.0	mg/L	10.00		97	85-115			
Sodium	10	5.0	mg/L	10.00		101	85-115			
LCS Dup (2603008-BSD1)				Prepared: 02/26/2026 Analyzed: 03/04/2026						
Calcium	10	4.0	mg/L	10.00		100	85-115	0.8	20	
Magnesium	9.9	3.0	mg/L	10.00		99	85-115	1	20	
Potassium	9.8	5.0	mg/L	10.00		98	85-115	0.5	20	
Sodium	10	5.0	mg/L	10.00		102	85-115	1	20	
Matrix Spike (2603008-MS1)		**Source: 26B0084-01**		Prepared: 02/26/2026 Analyzed: 03/04/2026						
Calcium	120	4.0	mg/L	10.00	110	62	70-130			M2
Magnesium	29	3.0	mg/L	10.00	20	95	70-130			
Potassium	14	5.0	mg/L	10.00	3.8	106	70-130			
Sodium	100	5.0	mg/L	10.00	95	75	70-130			
Matrix Spike (2603008-MS2)		**Source: 26B0388-04**		Prepared: 02/26/2026 Analyzed: 03/04/2026						
Calcium	12	4.0	mg/L	10.00	2.3	101	70-130			
Magnesium	10	3.0	mg/L	10.00	0.11	99	70-130			
Potassium	12	5.0	mg/L	10.00	1.0	106	70-130			
Sodium	120	5.0	mg/L	10.00	120	74	70-130			
Batch 2603022 - E200.7 (4.4)										
Blank (2603022-BLK1)				Prepared: 02/26/2026 Analyzed: 03/06/2026						
Iron	ND	0.30	mg/L							
LCS (2603022-BS1)				Prepared: 02/26/2026 Analyzed: 03/06/2026						
Iron	1.1	0.30	mg/L	1.111		97	85-115			
LCS Dup (2603022-BSD1)				Prepared: 02/26/2026 Analyzed: 03/06/2026						
Iron	1.1	0.30	mg/L	1.111		96	85-115	1	20	
Matrix Spike (2603022-MS1)		**Source: 26B0262-01**		Prepared: 02/26/2026 Analyzed: 03/06/2026						
Iron	3.1	0.30	mg/L	1.111	1.9	100	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2603022 - E200.7 (4.4)										
Matrix Spike (2603022-MS2)	**Source: 26B0263-01**			Prepared: 02/26/2026 Analyzed: 03/06/2026						
Iron	1.3	0.30	mg/L	1.111	0.24	93	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602192 - SM2540 C										
Duplicate (2602192-DUP1)		**Source: 26B0360-03**		Prepared: 02/18/2026 Analyzed: 02/23/2026						
Total Dissolved Solids (Residue, Filterable)	ND	20	mg/L		ND				5	
Duplicate (2602192-DUP2)		**Source: 26B0365-01**		Prepared: 02/18/2026 Analyzed: 02/23/2026						
Total Dissolved Solids (Residue, Filterable)	650	20	mg/L		650			0.8	5	
Batch 2602203 - EPA 351.2										
Blank (2602203-BLK1)				Prepared & Analyzed: 02/19/2026						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2602203-BS1)				Prepared & Analyzed: 02/19/2026						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000		109	80-120			
LCS Dup (2602203-BSD1)				Prepared & Analyzed: 02/19/2026						
Nitrogen, Total Kjeldahl	5.3	0.50	mg/L	5.000		107	80-120	2	20	
Matrix Spike (2602203-MS1)		**Source: 26B0255-01**		Prepared & Analyzed: 02/19/2026						
Nitrogen, Total Kjeldahl	5.6	0.50	mg/L	5.000	ND	112	80-120			
Matrix Spike (2602203-MS2)		**Source: 26B0256-01**		Prepared & Analyzed: 02/19/2026						
Nitrogen, Total Kjeldahl	5.6	0.50	mg/L	5.000	0.60	99	80-120			
Matrix Spike Dup (2602203-MSD1)		**Source: 26B0255-01**		Prepared & Analyzed: 02/19/2026						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000	ND	109	80-120	3	20	
Matrix Spike Dup (2602203-MSD2)		**Source: 26B0256-01**		Prepared & Analyzed: 02/19/2026						
Nitrogen, Total Kjeldahl	5.6	0.50	mg/L	5.000	0.60	99	80-120	0.2	20	
Batch 2602212 - SM 4500-NH3 B, F										
Blank (2602212-BLK1)				Prepared & Analyzed: 02/20/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2602212-BS1)				Prepared & Analyzed: 02/20/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		103	85-115			
LCS Dup (2602212-BSD1)				Prepared & Analyzed: 02/20/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		102	85-115	0.4	10	
Matrix Spike (2602212-MS1)		**Source: 26B0365-01**		Prepared & Analyzed: 02/20/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500	ND	105	80-120			
Matrix Spike Dup (2602212-MSD1)		**Source: 26B0365-01**		Prepared & Analyzed: 02/20/2026						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500	ND	108	80-120	3	20	
Batch 2602213 - SM4500-H+ B										
Duplicate (2602213-DUP1)		**Source: 26B0388-04**		Prepared: 02/20/2026 Analyzed: 02/23/2026						
pH (pH Units)	8.8		-		8.8			0.1	200	H5
Temperature (°C)	22		-		22			0.5	200	H5

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602213 - SM4500-H+ B										
Duplicate (2602213-DUP2)		**Source: 26B0429-02**		Prepared: 02/20/2026 Analyzed: 02/23/2026						
pH (pH Units)	7.3		-		7.3			0.1	200	H5
Temperature (°C)	22		-		21			0.9	200	H5
Batch 2602229 - SM4500-CN BE										
Blank (2602229-BLK1)				Prepared & Analyzed: 02/23/2026						
Cyanide	ND	0.10	mg/L							
LCS (2602229-BS1)				Prepared & Analyzed: 02/23/2026						
Cyanide	1.9	0.10	mg/L	2.000		94	85-115			
LCS Dup (2602229-BSD1)				Prepared & Analyzed: 02/23/2026						
Cyanide	1.9	0.10	mg/L	2.000		96	85-115	3	15	
Matrix Spike (2602229-MS1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/23/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	96	80-120			
Matrix Spike Dup (2602229-MSD1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/23/2026						
Cyanide	2.0	0.10	mg/L	2.000	ND	99	80-120	4	15	
Batch 2602261 - SM2320B										
Blank (2602261-BLK1)				Prepared & Analyzed: 02/25/2026						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2602261-BS1)				Prepared & Analyzed: 02/25/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		102	90-110			
LCS Dup (2602261-BSD1)				Prepared & Analyzed: 02/25/2026						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0		102	90-110	0.8	10	
Matrix Spike (2602261-MS1)		**Source: 26B0379-01**		Prepared & Analyzed: 02/25/2026						
Alkalinity, Total (As CaCO3)	340	2.0	mg/L	250.0	100	97	70-130			
Matrix Spike Dup (2602261-MSD1)		**Source: 26B0379-01**		Prepared & Analyzed: 02/25/2026						
Alkalinity, Total (As CaCO3)	350	2.0	mg/L	250.0	100	98	70-130	1	10	
Batch 2602274 - EPA 351.2										
Blank (2602274-BLK1)				Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2602274-BS1)				Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.3	0.50	mg/L	5.000		106	80-120			
LCS Dup (2602274-BSD1)				Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000		104	80-120	2	20	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602274 - EPA 351.2										
Matrix Spike (2602274-MS1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120			
Matrix Spike (2602274-MS2)		**Source: 26B0617-02**		Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120			
Matrix Spike Dup (2602274-MSD1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	6.1	0.50	mg/L	5.000	ND	122	80-120	15	20	M1
Matrix Spike Dup (2602274-MSD2)		**Source: 26B0617-02**		Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120	0.4	20	
Batch 2603040 - SM4500-H+ B										
Duplicate (2603040-DUP1)		**Source: 26B0497-02**		Prepared & Analyzed: 03/05/2026						
pH (pH Units)	7.5		-		7.5			0.4	200	
Temperature (°C)	21		-		21			0	200	
Duplicate (2603040-DUP2)		**Source: 26B0766-02**		Prepared & Analyzed: 03/05/2026						
pH (pH Units)	6.4		-		6.4			0.3	200	
Temperature (°C)	21		-		21			1	200	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602178 - SW8260B										
Blank (2602178-BLK1)				Prepared & Analyzed: 02/17/2026						
Benzene	0.10	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.27	0.50	ug/L							
Toluene	0.070	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*22.6*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
Blank (2602178-BLK2)				Prepared: 02/17/2026 Analyzed: 02/18/2026						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.26	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*25.2*		*ug/L*	*25.00*		*101*	*70-130*			
LCS (2602178-BS1)				Prepared & Analyzed: 02/17/2026						
1,1-Dichloroethene	22		ug/L	25.00		86	70-130			
Benzene	25		ug/L	25.00		101	70-130			
Chlorobenzene	28		ug/L	25.00		112	70-130			
Toluene	26		ug/L	25.00		103	70-130			
Trichloroethene	25		ug/L	25.00		99	70-130			
Surrogate: 4-Bromofluorobenzene	*21.7*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Dibromofluoromethane	*22.3*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Toluene-d8	*22.3*		*ug/L*	*25.00*		*89*	*70-130*			
LCS (2602178-BS2)				Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	23		ug/L	25.00		93	70-130			
Benzene	28		ug/L	25.00		112	70-130			
Chlorobenzene	30		ug/L	25.00		120	70-130			
Toluene	28		ug/L	25.00		114	70-130			
Trichloroethene	26		ug/L	25.00		103	70-130			
Surrogate: 4-Bromofluorobenzene	*21.4*		*ug/L*	*25.00*		*86*	*70-130*			
Surrogate: Dibromofluoromethane	*23.3*		*ug/L*	*25.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
LCS Dup (2602178-BSD1)				Prepared & Analyzed: 02/17/2026						
1,1-Dichloroethene	23		ug/L	25.00		92	70-130	6	30	
Benzene	27		ug/L	25.00		108	70-130	6	30	
Chlorobenzene	30		ug/L	25.00		119	70-130	6	30	
Toluene	28		ug/L	25.00		110	70-130	7	30	
Trichloroethene	27		ug/L	25.00		106	70-130	6	30	
Surrogate: 4-Bromofluorobenzene	*22.1*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*23.6*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*23.7*		*ug/L*	*25.00*		*95*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602178 - SW8260B										
LCS Dup (2602178-BSD2)				Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	24		ug/L	25.00		96	70-130	3	30	
Benzene	29		ug/L	25.00		117	70-130	4	30	
Chlorobenzene	32		ug/L	25.00		127	70-130	5	30	
Toluene	30		ug/L	25.00		120	70-130	5	30	
Trichloroethene	27		ug/L	25.00		108	70-130	5	30	
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Dibromofluoromethane	*24.2*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*24.9*		*ug/L*	*25.00*		*99*	*70-130*			
Matrix Spike (2602178-MS1)		**Source: 26B0429-01**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	87	70-130			
Benzene	27		ug/L	25.00	0.010	108	70-130			
Chlorobenzene	29		ug/L	25.00	0.020	116	70-130			
Toluene	28		ug/L	25.00	0.050	110	70-130			
Trichloroethene	26		ug/L	25.00	0.020	103	70-130			
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/L*	*25.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
Matrix Spike (2602178-MS2)		**Source: 26B0497-01**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	89	70-130			
Benzene	28		ug/L	25.00	0.010	110	70-130			
Chlorobenzene	29		ug/L	25.00	0.010	117	70-130			
Toluene	27		ug/L	25.00	0.020	109	70-130			
Trichloroethene	25		ug/L	25.00	0.020	101	70-130			
Surrogate: 4-Bromofluorobenzene	*21.3*		*ug/L*	*25.00*		*85*	*70-130*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*23.1*		*ug/L*	*25.00*		*92*	*70-130*			
Matrix Spike (2602178-MS3)		**Source: 26B0538-02**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	89	70-130			
Benzene	27		ug/L	25.00	0.0	110	70-130			
Chlorobenzene	29		ug/L	25.00	0.0	115	70-130			
Toluene	27		ug/L	25.00	0.0	107	70-130			
Trichloroethene	26		ug/L	25.00	0.0	102	70-130			
Surrogate: 4-Bromofluorobenzene	*20.5*		*ug/L*	*25.00*		*82*	*70-130*			
Surrogate: Dibromofluoromethane	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Matrix Spike Dup (2602178-MSD1)		**Source: 26B0429-01**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	89	70-130	2	30	
Benzene	28		ug/L	25.00	0.010	111	70-130	2	30	
Chlorobenzene	30		ug/L	25.00	0.020	119	70-130	3	30	
Toluene	27		ug/L	25.00	0.050	110	70-130	0.6	30	
Trichloroethene	26		ug/L	25.00	0.020	103	70-130	0.7	30	
Surrogate: 4-Bromofluorobenzene	*21.2*		*ug/L*	*25.00*		*85*	*70-130*			
Surrogate: Dibromofluoromethane	*24.2*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602178 - SW8260B										
Matrix Spike Dup (2602178-MSD2)	**Source: 26B0497-01**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	88	70-130	2	30	
Benzene	27		ug/L	25.00	0.010	108	70-130	2	30	
Chlorobenzene	29		ug/L	25.00	0.010	115	70-130	2	30	
Toluene	27		ug/L	25.00	0.020	108	70-130	0.2	30	
Trichloroethene	25		ug/L	25.00	0.020	98	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*21.4*		*ug/L*	*25.00*		*85*	*70-130*			
Surrogate: Dibromofluoromethane	*23.9*		*ug/L*	*25.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*23.3*		*ug/L*	*25.00*		*93*	*70-130*			
Matrix Spike Dup (2602178-MSD3)	**Source: 26B0538-02**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	21		ug/L	25.00	0.010	86	70-130	4	30	
Benzene	26		ug/L	25.00	0.0	105	70-130	4	30	
Chlorobenzene	29		ug/L	25.00	0.0	116	70-130	0.6	30	
Toluene	27		ug/L	25.00	0.0	107	70-130	0.3	30	
Trichloroethene	25		ug/L	25.00	0.0	99	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*24.7*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*23.7*		*ug/L*	*25.00*		*95*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602170 - EPA 300.0 (2.1)										
Blank (2602170-BLK1)				Prepared & Analyzed: 02/16/2026						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2602170-BS1)				Prepared & Analyzed: 02/16/2026						
Chloride	12	1.0	mg/L	12.50		100	90-110			
Fluoride	2.0	0.50	mg/L	2.000		100	90-110			
Nitrogen, Nitrate (As N)	5.2	0.50	mg/L	5.000		104	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		96	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2602170-BSD1)				Prepared & Analyzed: 02/16/2026						
Chloride	13	1.0	mg/L	12.50		100	90-110	0.7	10	
Fluoride	2.0	0.50	mg/L	2.000		101	90-110	0.8	10	
Nitrogen, Nitrate (As N)	5.2	0.50	mg/L	5.000		104	90-110	0.1	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110	0.9	10	
Sulfate	13	5.0	mg/L	12.50		104	90-110	0.6	10	
Matrix Spike (2602170-MS1)		**Source: 26B0450-01**		Prepared & Analyzed: 02/16/2026						
Chloride	22	1.0	mg/L	12.50	9.1	104	80-120			
Fluoride	2.2	0.50	mg/L	2.000	0.21	99	80-120			
Nitrogen, Nitrate (As N)	5.8	0.50	mg/L	5.000	0.54	105	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	99	80-120			
Sulfate	63	5.0	mg/L	12.50	54	71	80-120			M2
Matrix Spike (2602170-MS2)		**Source: 26B0474-05**		Prepared & Analyzed: 02/16/2026						
Chloride	13	1.0	mg/L	12.50	ND	101	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	102	80-120			
Nitrogen, Nitrate (As N)	5.2	0.50	mg/L	5.000	ND	105	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120			
Sulfate	13	5.0	mg/L	12.50	ND	105	80-120			
Matrix Spike Dup (2602170-MSD1)		**Source: 26B0450-01**		Prepared & Analyzed: 02/16/2026						
Chloride	22	1.0	mg/L	12.50	9.1	103	80-120	0.6	10	
Fluoride	2.2	0.50	mg/L	2.000	0.21	98	80-120	1	10	
Nitrogen, Nitrate (As N)	5.7	0.50	mg/L	5.000	0.54	104	80-120	1	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	98	80-120	0.8	10	
Sulfate	63	5.0	mg/L	12.50	54	71	80-120	0.02	10	M2
Matrix Spike Dup (2602170-MSD2)		**Source: 26B0474-05**		Prepared & Analyzed: 02/16/2026						
Chloride	13	1.0	mg/L	12.50	ND	103	80-120	2	10	
Fluoride	2.1	0.50	mg/L	2.000	ND	104	80-120	2	10	
Nitrogen, Nitrate (As N)	5.3	0.50	mg/L	5.000	ND	107	80-120	2	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	99	80-120	2	10	
Sulfate	13	5.0	mg/L	12.50	ND	107	80-120	1	10	

2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 26B0429 DATE 211326 PAGE 1 OF 1

PROJECT NAME [illegible] #
CONTACT NAME [illegible]
COMPANY NAME [illegible]
ADDRESS [illegible]
ZIP [illegible] PHONE EMAIL
SAMPLER'S SIGNATURE

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS
[illegible]	2/6/26	10:07	6W		4
[illegible]	2/6/26	12:11	6W		4
[illegible]	2/6/26	13:38	6W		4
[illegible]	2/6/26	14:50	6W		4
[illegible]	2/6/26	15:15	6W		4
[illegible]	2/6/26	16:26	6W		4

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics ☐ 624 ☐ 524.2 ☐ TTHMS ☐ 8260 ☐ HAA5 ☐ Chloride ☐ Sulfate ☐ Resistivity ☐ NO3 ☐ NO2 ☐ TKN ☐ TPH ☐ 1664 ☐ Oil & Grease ☐ VOA ☐ TCLP Analysis ☐ SemiVOA ☐ Pest. ☐ TCLP ☐ Metals ☐ Dissolved ☐ Total ☐ RCRA8 ☐ Total ☐ Cyanide ☐ Amen ☐ WAD ☐ SDWA/INORGANICS PRIMARY ☐ SECONDARY ☐ MPN ☐ Coliform ☐ PA ☐ Fecal ☐ pH ☐ Cl2 ☐ Turb ☐ TSS ☐ COD ☐ BOD ☐ [illegible] ☐

1. RELINQUISHED BY:
Signature [illegible]
Printed Name [illegible]
Firm [illegible]
Date/Time 2/13/2026 9:46

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
___ Standard (approx. 10 days)*
___ Next Day ___ 2 Day ___ 5 Day*
___ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
I. Routine Report
II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
III. Date Validation Report (includes All Raw Data) Add 10% to invoice

INVOICE INFORMATION:
Account ___ Y ___ N
P.O. #
Bill to:

SAMPLE RECEIPT:
Total Containers 54
Temperature 0.5
☑ Wet Ice ☐ Ambient ☐ Blue Ice
IR # 46

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature [illegible]
Printed Name Skyler Tilden
Firm TURNER LABORATORIES, INC.
Date/Time 2113126 0910

* LEGEND SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No
ADEQ Forms: ☐ Yes ☐ No
Mail ADEQ Forms: ☐ Yes ☐ No

Custody Seals ☐
Container Intact ☑
COC / Labels Agree ☑

Preservation Confirmation ☑
Appropriate Head Space ☐
Received Within Hold Time ☑

SPECIAL INSTRUCTIONS/COMMENTS:
[illegible]

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 12, 2026
Sample Received: February 20, 2026
Analysis Completed: March 06, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26B0429-01	20.0 ± 1.0	19.9 ± 1.5	0.1 ± 1.8	10.3 ± 1.5	< 0.6	< 0.7	< 0.7

Analysis Date/Time	2/25/2026	2/26/2026	2/26/2026	2/28/2026	3/4/2026	3/4/2026	3/4/2026
	7:46	11:35	11:35	13:51	9:29	9:29	9:29

March 6, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 12, 2026
Sample Received: February 20, 2026
Uranium Analysis Date: February 26, 2026
Uranium Analysis Time: 11:35

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26B0429-01	5.4 ± 0.6	0.252 ± 0.004	14.2 ± 0.9	19.9 ± 1.5	Activity (pCi/L)
	16.1 ± 1.7	0.118 ± 0.002	0.00229 ± 0.00015	16.2 ± 1.7	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P.
Laboratory License Number AZ0462

March 6, 2026
Date

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 12, 2026 (Sample Date) 10:04 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/26/2026	0.1 ± 1.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/25/2026	20.0 ± 1.0		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	2/26/2026	16.2 ± 1.7	µg/L	
			Uranium 234	4007	2/26/2026	0.00229 ± 0.00015		
			Uranium 235	4008	2/26/2026	0.118 ± 0.002		
			Uranium 238	4009	2/26/2026	16.1 ± 1.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	3/4/2026	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	3/4/2026	< 0.6		
GammaRay HPGE		1 pCi/L	Radium 228	4030	3/4/2026	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79396

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0429-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 12, 2026 (Sample Date) 10:04 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	2/28/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79396

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0429-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 12, 2026
Sample Received: February 20, 2026
Analysis Completed: March 06, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26B0429-02	8.4 ± 0.6	5.5 ± 0.8	2.9 ± 1.0	6.5 ± 1.4	< 0.5	< 0.7	< 0.7

Analysis Date/Time	2/25/2026	2/26/2026	2/26/2026	2/28/2026	3/4/2026	3/4/2026	3/4/2026
	9:27	11:50	11:50	17:12	13:30	13:30	13:30

Robert L. Metzger, Ph.D., C.H.P.
Laboratory License Number AZ0462

March 6, 2026
Date

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 12, 2026
Sample Received: February 20, 2026
Uranium Analysis Date: February 26, 2026
Uranium Analysis Time: 11:50

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26B0429-02	1.7 ± 0.3	0.081 ± 0.002	3.7 ± 0.5	5.5 ± 0.8	Activity (pCi/L)
	5.1 ± 0.9	0.038 ± 0.001	0.00059 ± 0.00008	5.2 ± 0.9	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P.
Laboratory License Number AZ0462

March 6, 2026
Date

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 12, 2026 (Sample Date) 12:10 (Sample Time) (24 hour clock) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring Date Q1 collected: _____

☐ Quarterly Date Q2 collected: _____

☐ Composite of four quarterly samples Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/26/2026	2.9 ± 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/25/2026	8.4 ± 0.6		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	2/26/2026	5.2 ± 0.9	µg/L	
			Uranium 234	4007	2/26/2026	0.00059 ± 0.00008		
			Uranium 235	4008	2/26/2026	0.038 ± 0.001		
			Uranium 238	4009	2/26/2026	5.1 ± 0.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	3/4/2026	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	3/4/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	3/4/2026	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

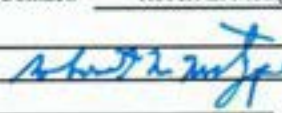
Specimen Number: RSE79397

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0429-02

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 12, 2026 (Sample Date) 12:10 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	2/28/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79397

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0429-02

Authorized Signature:

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 12, 2026
Sample Received: February 20, 2026
Analysis Completed: March 06, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26B0429-03	15.9 ± 2.2	15.5 ± 1.3	0.4 ± 2.6	15.5 ± 1.8	< 0.6	4.2 ± 0.5	4.2 ± 0.5

Analysis Date/Time	2/25/2026	2/26/2026	2/26/2026	2/28/2026	3/4/2026	3/4/2026	3/4/2026
	20:13			20:32	17:32	17:32	17:32

Robert L. Metzger, Ph.D., C.H.P.

March 6, 2026
Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 12, 2026
Sample Received: February 20, 2026
Uranium Analysis Date: February 26, 2026
Uranium Analysis Time:

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26B0429-03	4.6 ± 0.5	0.216 ± 0.004	10.7 ± 0.8	15.5 ± 1.3	Activity (pCi/L)
	13.8 ± 1.5	0.101 ± 0.002	0.00172 ± 0.00013	13.9 ± 1.5	Content (µg/L)
	Comments:				

March 6, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 12, 2026 (Sample Date) 13:33 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/26/2026	0.4 ± 2.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/25/2026	15.9 ± 2.2		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	2/26/2026	13.9 ± 1.5	µg/L	
			Uranium 234	4007	2/26/2026	0.00172 ± 0.00013		
			Uranium 235	4008	2/26/2026	0.101 ± 0.002		
			Uranium 238	4009	2/26/2026	13.8 ± 1.5		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	3/4/2026	4.2 ± 0.5		
GammaRay HPGE		1 pCi/L	Radium 226	4020	3/4/2026	< 0.6		
GammaRay HPGE		1 pCi/L	Radium 228	4030	3/4/2026	4.2 ± 0.5		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

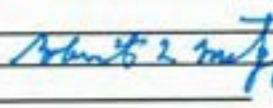
Specimen Number: RSE79398

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0429-03

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 12, 2026 (Sample Date) 13:33 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	2/28/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79398

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0429-03

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 12, 2026
Sample Received: February 20, 2026
Analysis Completed: March 06, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26B0429-04	23.1 ± 2.6	23.0 ± 1.6	0.1 ± 3.1	14.6 ± 1.7	< 0.5	3.6 ± 0.4	3.6 ± 0.4

Analysis Date/Time	2/25/2026	2/26/2026	2/26/2026	2/28/2026	3/4/2026	3/4/2026	3/4/2026
	21:53	12:20	12:20	23:52	21:33	21:33	21:33

March 6, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 12, 2026
Sample Received: February 20, 2026
Uranium Analysis Date: February 26, 2026
Uranium Analysis Time: 12:20

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26B0429-04	7.4 ± 0.7	0.342 ± 0.005	15.3 ± 1.0	23.0 ± 1.6	Activity (pCi/L)
	21.9 ± 1.9	0.160 ± 0.002	0.00246 ± 0.00016	22.0 ± 1.9	Content (µg/L)
	Comments:				

March 6, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 12, 2026 (Sample Date) 14:00 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/26/2026	0.1 ± 3.1		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/25/2026	23.1 ± 2.6		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	2/26/2026	22.0 ± 1.9	µg/L	
			Uranium 234	4007	2/26/2026	0.00246 ± 0.00016		
			Uranium 235	4008	2/26/2026	0.160 ± 0.002		
			Uranium 238	4009	2/26/2026	21.9 ± 1.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	3/4/2026	3.6 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	3/4/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	3/4/2026	3.6 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79399

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0429-04

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 12, 2026 (Sample Date) 14:00 (Sample Time) (24 hour clock) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring Date Q1 collected: _____

☐ Quarterly Date Q2 collected: _____

☐ Composite of four quarterly samples Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	2/28/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79399

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0429-04

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 12, 2026
Sample Received: February 20, 2026
Analysis Completed: March 06, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26B0429-05	9.6 ± 0.7	11.5 ± 1.2	< 1.0	6.8 ± 1.6	< 0.5	0.8 ± 0.3	0.8 ± 0.3

Analysis Date/Time	2/25/2026	2/26/2026	2/26/2026	3/1/2026	3/5/2026	3/5/2026	3/5/2026
	11:07	12:38	12:38	3:13	1:35	1:35	1:35

Robert L. Metzger, Ph.D., C.H.P.
Laboratory License Number AZ0462

March 6, 2026
Date

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 12, 2026
Sample Received: February 20, 2026
Uranium Analysis Date: February 26, 2026
Uranium Analysis Time: 12:38

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26B0429-05	4.4 ± 0.5	0.207 ± 0.004	6.9 ± 0.6	11.5 ± 1.2	Activity (pCi/L)
	13.2 ± 1.5	0.097 ± 0.002	0.00111 ± 0.00010	13.3 ± 1.5	Content (µg/L)
	Comments:				

March 6, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 12, 2026 (Sample Date) 15:15 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/26/2026	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/25/2026	9.6 ± 0.7		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	2/26/2026	13.3 ± 1.5	µg/L	
			Uranium 234	4007	2/26/2026	0.00111 ± 0.00010		
			Uranium 235	4008	2/26/2026	0.097 ± 0.002		
			Uranium 238	4009	2/26/2026	13.2 ± 1.5		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	3/5/2026	0.8 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	3/5/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	3/5/2026	0.8 ± 0.3		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79400

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0429-05

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 12, 2026 (Sample Date) 15:15 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	3/1/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79400

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0429-05

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 12, 2026
Sample Received: February 20, 2026
Analysis Completed: March 06, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26B0429-06	15.5 ± 0.9	11.9 ± 1.2	3.6 ± 1.5	10.0 ± 1.5	< 0.5	1.3 ± 0.3	1.3 ± 0.3

Analysis Date/Time	2/25/2026	2/26/2026	2/26/2026	3/1/2026	3/5/2026	3/5/2026	3/5/2026
	12:47	12:53	12:53	6:33	5:36	5:36	5:36

March 6, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 12, 2026
Sample Received: February 20, 2026
Uranium Analysis Date: February 26, 2026
Uranium Analysis Time: 12:53

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26B0429-06	4.0 ± 0.5	0.186 ± 0.003	7.8 ± 0.7	11.9 ± 1.2	Activity (pCi/L)
	11.9 ± 1.4	0.087 ± 0.002	0.00125 ± 0.00011	12.0 ± 1.4	Content (µg/L)
	Comments:				

March 6, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 12, 2026 (Sample Date) 16:26 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/26/2026	3.6 ± 1.5		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/25/2026	15.5 ± 0.9		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	2/26/2026	12.0 ± 1.4	µg/L	
			Uranium 234	4007	2/26/2026	0.00125 ± 0.00011		
			Uranium 235	4008	2/26/2026	0.087 ± 0.002		
			Uranium 238	4009	2/26/2026	11.9 ± 1.4		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	3/5/2026	1.3 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	3/5/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	3/5/2026	1.3 ± 0.3		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

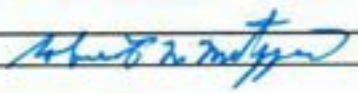
Specimen Number: RSE79401

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0429-06

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 12, 2026 (Sample Date) 16:26 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

Combined Uranium must be reported in micrograms per liter

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	3/1/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79401

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0429-06

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26B0429

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Kevin Brim Lab Kbrim@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26B0429-01 Non-Potable Wa Sampled:02/12/2026 10:04			
Radiochemistry, Radium 226/228	03/14/2026 10:04		
Radiochemistry, Uranium	08/11/2026 10:04		
Radiochemistry, Gross Alpha Beta	08/11/2026 10:04		79396
Containers Supplied: 1			
Sample ID: 26B0429-02 Non-Potable Wa Sampled:02/12/2026 12:10			
Radiochemistry, Gross Alpha Beta	08/11/2026 12:10		
Radiochemistry, Radium 226/228	03/14/2026 12:10		
Radiochemistry, Uranium	08/11/2026 12:10		79397
Containers Supplied: 1			
Sample ID: 26B0429-03 Non-Potable Wa Sampled:02/12/2026 13:33			
Radiochemistry, Uranium	08/11/2026 13:33		
Radiochemistry, Gross Alpha Beta	08/11/2026 13:33		
Radiochemistry, Radium 226/228	03/14/2026 13:33		79398
Containers Supplied: 1			
Sample ID: 26B0429-04 Non-Potable Wa Sampled:02/12/2026 14:00			
Radiochemistry, Radium 226/228	03/14/2026 14:00		
Radiochemistry, Uranium	08/11/2026 14:00		
Radiochemistry, Gross Alpha Beta	08/11/2026 14:00		79399
Containers Supplied: 1			

Released By	Date	Received By	Date
Skyler Tibbitts	2/19/26 1600	UPS	2/19/26 1600
Released By	Date	Received By	Date
		MS	2/20/26 12:35

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26B0429

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26B0429-05 Non-Potable Wa Sampled:02/12/2026 15:15			
Radiochemistry, Gross Alpha Beta	08/11/2026 15:15		
Radiochemistry, Radium 226/228	03/14/2026 15:15		
Radiochemistry, Uranium	08/11/2026 15:15		79400
Containers Supplied: 1			
Sample ID: 26B0429-06 Non-Potable Wa Sampled:02/12/2026 16:26			
Radiochemistry, Uranium	08/11/2026 16:26		
Radiochemistry, Gross Alpha Beta	08/11/2026 16:26		
Radiochemistry, Radium 226/228	03/14/2026 16:26		79401
Containers Supplied: 1			

Skylar Tibbits 2/19/26 1600 UPS 2/19/26 1600

Released By Date Received By Date

MS 2/19/26 12:35

Released By Date Received By Date

March 23, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 26B0497

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 6 sample(s) on 02/17/2026 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Date Received: 02/17/2026

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
26B0497-01	POC - 10	Ground Water	02/16/2026 1045
26B0497-02	POC - 09	Ground Water	02/16/2026 1413
26B0497-03	POC - 08	Ground Water	02/16/2026 1210
26B0497-04	POC - 05	Ground Water	02/16/2026 1600
26B0497-05	Field Blank	Ground Water	02/16/2026 1630
26B0497-06	Trip Blank	Ground Water	02/16/2026 0000

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Date Received: 02/17/2026

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-01

Client Sample ID: POC - 10
Collection Date/Time: 02/16/2026 1045
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.6	0.58	1.1		mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.6	0.28	0.60		mg/L	1	02/17/2026 0900	02/17/2026 1531	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.048	0.020	0.30	E4	mg/L	1	02/26/2026 1016	03/06/2026 1650	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0034	0.000016	0.00056		mg/L	1	02/28/2026 1506	03/23/2026 1349	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	94	0.13	4.0		mg/L	1	02/26/2026 1511	03/04/2026 1221	RAR
Magnesium	16	0.10	3.0		mg/L	1	02/26/2026 1511	03/04/2026 1221	RAR
Potassium	1.8	0.14	5.0	E4	mg/L	1	02/26/2026 1511	03/04/2026 1221	RAR
Sodium	6.4	0.58	5.0		mg/L	1	02/26/2026 1511	03/04/2026 1221	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1616	RAR
Antimony	0.00018	0.000039	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1400	RAR
Arsenic	0.0024	0.00010	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1400	RAR
Barium	0.018	0.000029	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1400	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1616	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	02/25/2026 1009	03/03/2026 1400	RAR
Chromium	0.00046	0.00012	0.0025	E4	mg/L	5	02/25/2026 1009	03/10/2026 1616	RAR
Cobalt	ND	0.000052	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1616	RAR
Copper	ND	0.00077	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1616	RAR
Lead	0.00024	0.000057	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1400	RAR
Manganese	ND	0.00019	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1616	RAR
Molybdenum	0.061	0.000025	0.00025		mg/L	1	02/25/2026 1009	03/03/2026 1400	RAR
Nickel	0.0017	0.000076	0.0025	E4	mg/L	5	02/25/2026 1009	03/10/2026 1616	RAR
Selenium	0.0095	0.00025	0.0025		mg/L	1	02/25/2026 1009	03/03/2026 1400	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1400	RAR
Uranium	0.0030	0.000015	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1400	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-01

Client Sample ID: POC - 10
Collection Date/Time: 02/16/2026 1045
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	ND	0.011	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1616	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010		mg/L	1	02/26/2026 1157	03/02/2026 1426	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10	0.75	1.0		mg/L	1	02/17/2026 0900	02/17/2026 1531	SS
Fluoride	1.2	0.18	0.50	M2	mg/L	1	02/17/2026 0900	02/17/2026 1531	SS
Nitrogen, Nitrate (As N)	1.6	0.27	0.50		mg/L	1	02/17/2026 0900	02/17/2026 1531	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	02/17/2026 0900	02/17/2026 1531	SS
Sulfate	66	2.8	5.0	M2	mg/L	1	02/17/2026 0900	02/17/2026 1531	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50		mg/L	1	02/27/2026 1427	02/27/2026 1610	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	270	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Total (As CaCO3)	270	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	410	20	20		mg/L	1	02/23/2026 0836	02/25/2026 1313	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/23/2026 1435	02/23/2026 1600	SJS
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-01

Client Sample ID: POC - 10
Collection Date/Time: 02/16/2026 1045
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.5			H5	-	1	03/05/2026 0818	03/05/2026 1614	IM
Temperature (°C)	21			H5	-	1	03/05/2026 0818	03/05/2026 1614	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1134	02/17/2026 1759	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	02/17/2026 1134	02/17/2026 1759	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	02/17/2026 1134	02/17/2026 1759	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	02/17/2026 1134	02/17/2026 1759	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	02/17/2026 1134	02/17/2026 1759	KP
Surr: 4-Bromofluorobenzene	*89*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/17/2026 1759*	*KP*
Surr: Dibromofluoromethane	*101*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/17/2026 1759*	*KP*
Surr: Toluene-d8	*97*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/17/2026 1759*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-02

Client Sample ID: POC - 09
Collection Date/Time: 02/16/2026 1413
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.50	0.28	0.60	J	mg/L	1	02/17/2026 0900	02/17/2026 1555	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.049	0.020	0.30	E4	mg/L	1	02/26/2026 1016	03/06/2026 1653	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0047	0.000016	0.00056		mg/L	1	02/28/2026 1506	03/23/2026 1355	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	65	0.13	4.0		mg/L	1	02/26/2026 1511	03/04/2026 1224	RAR
Magnesium	15	0.10	3.0		mg/L	1	02/26/2026 1511	03/04/2026 1224	RAR
Potassium	2.1	0.14	5.0	E4	mg/L	1	02/26/2026 1511	03/04/2026 1224	RAR
Sodium	12	0.58	5.0		mg/L	1	02/26/2026 1511	03/04/2026 1224	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1619	RAR
Antimony	0.00015	0.000039	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1403	RAR
Arsenic	0.0047	0.00010	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1403	RAR
Barium	0.024	0.000029	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1403	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1619	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	02/25/2026 1009	03/03/2026 1403	RAR
Chromium	ND	0.00012	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1619	RAR
Cobalt	ND	0.000052	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1619	RAR
Copper	ND	0.00077	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1619	RAR
Lead	0.00047	0.000057	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1403	RAR
Manganese	ND	0.00019	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1619	RAR
Molybdenum	0.030	0.000025	0.00025		mg/L	1	02/25/2026 1009	03/03/2026 1403	RAR
Nickel	0.00074	0.000076	0.0025	E4	mg/L	5	02/25/2026 1009	03/10/2026 1619	RAR
Selenium	0.0014	0.00025	0.0025	E4	mg/L	1	02/25/2026 1009	03/03/2026 1403	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1403	RAR
Uranium	0.0046	0.000015	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1403	RAR
Zinc	ND	0.011	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1619	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-02

Client Sample ID: POC - 09
Collection Date/Time: 02/16/2026 1413
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010		mg/L	1	02/26/2026 1157	03/02/2026 1428	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11	0.75	1.0		mg/L	1	02/17/2026 0900	02/17/2026 1555	SS
Fluoride	1.4	0.18	0.50		mg/L	1	02/17/2026 0900	02/17/2026 1555	SS
Nitrogen, Nitrate (As N)	0.50	0.27	0.50		mg/L	1	02/17/2026 0900	02/17/2026 1555	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	02/17/2026 0900	02/17/2026 1555	SS
Sulfate	16	2.8	5.0	M2	mg/L	1	02/17/2026 0900	02/17/2026 1555	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50		mg/L	1	02/27/2026 1427	02/27/2026 1610	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	250	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Total (As CaCO3)	250	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	310	20	20		mg/L	1	02/23/2026 0836	02/25/2026 1313	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/23/2026 1435	02/23/2026 1600	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.5			H5	-	1	03/05/2026 0818	03/05/2026 1618	IM
Temperature (°C)	21			H5	-	1	03/05/2026 0818	03/05/2026 1618	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-02

Client Sample ID: POC - 09
Collection Date/Time: 02/16/2026 1413
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0513	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	02/17/2026 1134	02/18/2026 0513	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0513	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0513	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	02/17/2026 1134	02/18/2026 0513	KP
Surr: 4-Bromofluorobenzene	*90*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 513*	*KP*
Surr: Dibromofluoromethane	*101*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 513*	*KP*
Surr: Toluene-d8	*102*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 513*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-03

Client Sample ID: POC - 08
Collection Date/Time: 02/16/2026 1210
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	02/17/2026 0900	02/17/2026 1618	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.41	0.020	0.30		mg/L	1	02/27/2026 0825	03/09/2026 1458	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.00092	0.000016	0.00056		mg/L	1	02/27/2026 1417	03/04/2026 1348	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	71	0.13	4.0		mg/L	1	02/26/2026 1511	03/04/2026 1227	RAR
Magnesium	9.6	0.10	3.0		mg/L	1	02/26/2026 1511	03/04/2026 1227	RAR
Potassium	2.5	0.14	5.0	E4	mg/L	1	02/26/2026 1511	03/04/2026 1227	RAR
Sodium	15	0.58	5.0		mg/L	1	02/26/2026 1511	03/04/2026 1227	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1622	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1406	RAR
Arsenic	0.0043	0.00010	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1406	RAR
Barium	0.042	0.000029	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1406	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1622	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	02/25/2026 1009	03/03/2026 1406	RAR
Chromium	ND	0.00012	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1622	RAR
Cobalt	ND	0.000052	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1622	RAR
Copper	ND	0.00077	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1622	RAR
Lead	0.00022	0.000057	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1406	RAR
Manganese	0.26	0.00019	0.0013		mg/L	5	02/25/2026 1009	03/10/2026 1622	RAR
Molybdenum	0.85	0.00012	0.0013		mg/L	5	02/25/2026 1009	03/10/2026 1622	RAR
Nickel	0.00085	0.000076	0.0025	E4	mg/L	5	02/25/2026 1009	03/10/2026 1622	RAR
Selenium	0.00053	0.00025	0.0025	E4	mg/L	1	02/25/2026 1009	03/03/2026 1406	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1406	RAR
Uranium	0.00076	0.000015	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1406	RAR
Zinc	ND	0.011	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1622	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-03

Client Sample ID: POC - 08
Collection Date/Time: 02/16/2026 1210
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010		mg/L	1	02/26/2026 1157	03/02/2026 1431	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10	0.75	1.0		mg/L	1	02/17/2026 0900	02/17/2026 1618	SS
Fluoride	1.7	0.18	0.50		mg/L	1	02/17/2026 0900	02/17/2026 1618	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	02/17/2026 0900	02/17/2026 1618	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	02/17/2026 0900	02/17/2026 1618	SS
Sulfate	110	5.6	10		mg/L	2	02/17/2026 0900	03/04/2026 0603	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50		mg/L	1	02/27/2026 1427	02/27/2026 1610	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	150	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Total (As CaCO3)	150	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	370	20	20		mg/L	1	02/23/2026 0836	02/25/2026 1313	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/23/2026 1435	02/23/2026 1600	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.7			H5	-	1	03/05/2026 0818	03/05/2026 1629	IM
Temperature (°C)	21			H5	-	1	03/05/2026 0818	03/05/2026 1629	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-03

Client Sample ID: POC - 08
Collection Date/Time: 02/16/2026 1210
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0553	KP
Carbon disulfide	0.28	0.11	2.0	E4	ug/L	1	02/17/2026 1134	02/18/2026 0553	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0553	KP
Toluene	0.070	0.057	0.50	E4	ug/L	1	02/17/2026 1134	02/18/2026 0553	KP
Xylenes, Total	ND	0.13	1.5		ug/L	1	02/17/2026 1134	02/18/2026 0553	KP
Surr: 4-Bromofluorobenzene	*88*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 553*	*KP*
Surr: Dibromofluoromethane	*98*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 553*	*KP*
Surr: Toluene-d8	*101*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 553*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-04

Client Sample ID: POC - 05
Collection Date/Time: 02/16/2026 1600
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	02/17/2026 0900	02/17/2026 1642	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.90	0.020	0.30		mg/L	1	02/27/2026 0825	03/09/2026 1504	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.032	0.000016	0.00056		mg/L	1	02/27/2026 1417	03/04/2026 1351	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	42	0.13	4.0		mg/L	1	03/02/2026 1516	03/04/2026 1548	RAR
Magnesium	9.0	0.10	3.0		mg/L	1	03/02/2026 1516	03/04/2026 1548	RAR
Potassium	3.7	0.14	5.0	E4	mg/L	1	03/02/2026 1516	03/04/2026 1548	RAR
Sodium	50	0.58	5.0		mg/L	1	03/02/2026 1516	03/04/2026 1548	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1625	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1409	RAR
Arsenic	0.0096	0.00010	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1409	RAR
Barium	0.10	0.000029	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1409	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1625	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	02/25/2026 1009	03/03/2026 1409	RAR
Chromium	ND	0.00012	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1625	RAR
Cobalt	0.00027	0.000052	0.0013	E4	mg/L	5	02/25/2026 1009	03/10/2026 1625	RAR
Copper	ND	0.00077	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1625	RAR
Lead	0.00024	0.000057	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1409	RAR
Manganese	0.37	0.00019	0.0013		mg/L	5	02/25/2026 1009	03/10/2026 1625	RAR
Molybdenum	0.039	0.000025	0.00025		mg/L	1	02/25/2026 1009	03/03/2026 1409	RAR
Nickel	0.0014	0.000076	0.0025	E4	mg/L	5	02/25/2026 1009	03/10/2026 1625	RAR
Selenium	0.00061	0.00025	0.0025	E4	mg/L	1	02/25/2026 1009	03/03/2026 1409	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1409	RAR
Uranium	0.027	0.000015	0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1409	RAR
Zinc	ND	0.011	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1625	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-04

Client Sample ID: POC - 05
Collection Date/Time: 02/16/2026 1600
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010		mg/L	1	02/26/2026 1157	03/02/2026 1433	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	20	0.75	1.0		mg/L	1	02/17/2026 0900	02/17/2026 1642	SS
Fluoride	2.9	0.18	0.50		mg/L	1	02/17/2026 0900	02/17/2026 1642	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	02/17/2026 0900	02/17/2026 1642	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	02/17/2026 0900	02/17/2026 1642	SS
Sulfate	22	2.8	5.0		mg/L	1	02/17/2026 0900	02/17/2026 1642	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50		mg/L	1	02/27/2026 1427	02/27/2026 1610	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	240	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Alkalinity, Total (As CaCO3)	240	2.0	2.0		mg/L	1	02/25/2026 0952	02/25/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	330	20	20		mg/L	1	02/23/2026 0836	02/25/2026 1313	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/23/2026 1435	02/23/2026 1600	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.7			H5	-	1	03/05/2026 0818	03/05/2026 1632	IM
Temperature (°C)	21			H5	-	1	03/05/2026 0818	03/05/2026 1632	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-04

Client Sample ID: POC - 05
Collection Date/Time: 02/16/2026 1600
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0634	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	02/17/2026 1134	02/18/2026 0634	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0634	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0634	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	02/17/2026 1134	02/18/2026 0634	KP
Surr: 4-Bromofluorobenzene	*86*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 634*	*KP*
Surr: Dibromofluoromethane	*98*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 634*	*KP*
Surr: Toluene-d8	*96*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 634*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-05

Client Sample ID: Field Blank
Collection Date/Time: 02/16/2026 1630
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	02/17/2026 0900	02/17/2026 1706	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.043	0.020	0.30		mg/L	1	02/27/2026 0825	03/09/2026 1510	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.000067	0.000016	0.00056	E4	mg/L	1	02/27/2026 1417	03/04/2026 1417	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	ND	0.13	4.0	E8	mg/L	1	03/02/2026 1516	03/04/2026 1554	RAR
Magnesium	ND	0.10	3.0	E8	mg/L	1	03/02/2026 1516	03/04/2026 1554	RAR
Potassium	ND	0.14	5.0	E8	mg/L	1	03/02/2026 1516	03/04/2026 1554	RAR
Sodium	1.5	0.58	5.0	E4	mg/L	1	03/02/2026 1516	03/04/2026 1554	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1652	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1412	RAR
Arsenic	ND	0.00010	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1412	RAR
Barium	0.00034	0.000029	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1412	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1652	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	02/25/2026 1009	03/03/2026 1412	RAR
Chromium	ND	0.00012	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1652	RAR
Cobalt	ND	0.000052	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1652	RAR
Copper	ND	0.00077	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1652	RAR
Lead	0.00023	0.000057	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1412	RAR
Manganese	ND	0.00019	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1652	RAR
Molybdenum	0.00024	0.000025	0.00025	E4	mg/L	1	02/25/2026 1009	03/03/2026 1412	RAR
Nickel	0.00065	0.000076	0.0025	E4	mg/L	5	02/25/2026 1009	03/10/2026 1652	RAR
Selenium	ND	0.00025	0.0025	E8	mg/L	1	02/25/2026 1009	03/03/2026 1412	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1412	RAR
Uranium	0.000047	0.000015	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1412	RAR
Zinc	ND	0.011	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1652	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-05

Client Sample ID: Field Blank
Collection Date/Time: 02/16/2026 1630
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010		mg/L	1	02/26/2026 1157	03/02/2026 1436	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	ND	0.75	1.0	E8	mg/L	1	02/17/2026 0900	02/17/2026 1706	SS
Fluoride	ND	0.18	0.50	E8	mg/L	1	02/17/2026 0900	02/17/2026 1706	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	02/17/2026 0900	02/17/2026 1706	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	02/17/2026 0900	02/17/2026 1706	SS
Sulfate	ND	2.8	5.0	E8	mg/L	1	02/17/2026 0900	02/17/2026 1706	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50		mg/L	1	02/27/2026 1427	02/27/2026 1610	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	16	2.0	2.0		mg/L	1	03/02/2026 0854	03/02/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	03/02/2026 0854	03/02/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	03/02/2026 0854	03/02/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	03/02/2026 0854	03/02/2026 1545	RAR
Alkalinity, Total (As CaCO3)	16	2.0	2.0		mg/L	1	03/02/2026 0854	03/02/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	ND	20	20		mg/L	1	02/23/2026 0836	02/25/2026 1313	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/23/2026 1435	02/23/2026 1600	SJS
pH-SM4500-H+ B									
pH (pH Units)	6.4			H5	-	1	03/05/2026 0818	03/05/2026 1635	IM
Temperature (°C)	21			H5	-	1	03/05/2026 0818	03/05/2026 1635	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-05

Client Sample ID: Field Blank
Collection Date/Time: 02/16/2026 1630
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0714	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	02/17/2026 1134	02/18/2026 0714	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0714	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0714	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	02/17/2026 1134	02/18/2026 0714	KP
Surr: 4-Bromofluorobenzene	*88*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 714*	*KP*
Surr: Dibromofluoromethane	*101*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 714*	*KP*
Surr: Toluene-d8	*98*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 714*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Lab Sample ID: 26B0497-06

Client Sample ID: Trip Blank
Collection Date/Time: 02/16/2026 0000
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0354	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	02/17/2026 1134	02/18/2026 0354	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0354	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	02/17/2026 1134	02/18/2026 0354	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	02/17/2026 1134	02/18/2026 0354	KP
Surr: 4-Bromofluorobenzene	*93*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 354*	*KP*
Surr: Dibromofluoromethane	*99*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 354*	*KP*
Surr: Toluene-d8	*102*	*70-130*			*%REC*	*1*	*02/17/2026 1134*	*02/18/2026 354*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Date Received: 02/17/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602243 - EPA 200.8 (5.4)										
Blank (2602243-BLK1)				Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.00013	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2602243-BS1)				Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	0.11	0.040	mg/L	0.1000		105	85-115			
Antimony	0.056	0.00050	mg/L	0.05000		112	85-115			
Arsenic	0.055	0.00050	mg/L	0.05000		109	85-115			
Barium	0.057	0.00050	mg/L	0.05000		113	85-115			
Beryllium	0.049	0.00025	mg/L	0.05000		98	85-115			
Cadmium	0.055	0.00025	mg/L	0.05000		110	85-115			
Chromium	0.049	0.00050	mg/L	0.05000		99	85-115			
Cobalt	0.049	0.00025	mg/L	0.05000		99	85-115			
Copper	0.051	0.00050	mg/L	0.05000		102	85-115			
Lead	0.056	0.00050	mg/L	0.05000		111	85-115			
Manganese	0.051	0.00025	mg/L	0.05000		103	85-115			
Molybdenum	0.056	0.00025	mg/L	0.05000		113	85-115			
Nickel	0.050	0.00050	mg/L	0.05000		101	85-115			
Selenium	0.055	0.0025	mg/L	0.05000		110	85-115			
Thallium	0.055	0.00050	mg/L	0.05000		110	85-115			
Uranium	0.056	0.00050	mg/L	0.05000		112	85-115			
Zinc	0.10	0.040	mg/L	0.1000		103	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Date Received: 02/17/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602243 - EPA 200.8 (5.4)										
LCS Dup (2602243-BSD1)				Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	0.11	0.040	mg/L	0.1000		111	85-115	6	20	
Antimony	0.056	0.00050	mg/L	0.05000		112	85-115	0.1	20	
Arsenic	0.056	0.00050	mg/L	0.05000		111	85-115	2	20	
Barium	0.057	0.00050	mg/L	0.05000		113	85-115	0.1	20	
Beryllium	0.049	0.00025	mg/L	0.05000		99	85-115	0.4	20	
Cadmium	0.055	0.00025	mg/L	0.05000		111	85-115	0.6	20	
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Cobalt	0.050	0.00025	mg/L	0.05000		99	85-115	0.6	20	
Copper	0.051	0.00050	mg/L	0.05000		102	85-115	0.5	20	
Lead	0.056	0.00050	mg/L	0.05000		112	85-115	0.7	20	
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115	0.6	20	
Molybdenum	0.056	0.00025	mg/L	0.05000		113	85-115	0.1	20	
Nickel	0.051	0.00050	mg/L	0.05000		101	85-115	0.3	20	
Selenium	0.054	0.0025	mg/L	0.05000		107	85-115	3	20	
Thallium	0.055	0.00050	mg/L	0.05000		110	85-115	0.2	20	
Uranium	0.056	0.00050	mg/L	0.05000		112	85-115	0.09	20	
Zinc	0.10	0.040	mg/L	0.1000		103	85-115	0.3	20	
Matrix Spike (2602243-MS1)		**Source: 26B0429-01**		Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	0.10	0.040	mg/L	0.1000	ND	103	70-130			
Antimony	0.053	0.00050	mg/L	0.05000	0.000080	106	70-130			
Arsenic	0.058	0.00050	mg/L	0.05000	0.0035	109	70-130			
Barium	0.11	0.00050	mg/L	0.05000	0.057	107	70-130			
Beryllium	0.042	0.00025	mg/L	0.05000	ND	84	70-130			
Cadmium	0.050	0.00025	mg/L	0.05000	0.000050	100	70-130			
Chromium	0.048	0.00050	mg/L	0.05000	0.000075	96	70-130			
Cobalt	0.049	0.00025	mg/L	0.05000	0.00034	97	70-130			
Copper	0.046	0.00050	mg/L	0.05000	0.0017	90	70-130			
Lead	0.052	0.00050	mg/L	0.05000	0.00030	103	70-130			
Manganese	0.12	0.00025	mg/L	0.05000	0.45	NR	70-130			M2
Molybdenum	0.13	0.00025	mg/L	0.05000	0.076	106	70-130			
Nickel	0.048	0.00050	mg/L	0.05000	0.086	NR	70-130			M2
Selenium	0.055	0.0025	mg/L	0.05000	0.00087	109	70-130			
Thallium	0.052	0.00050	mg/L	0.05000	0.000053	104	70-130			
Uranium	0.081	0.00050	mg/L	0.05000	0.022	118	70-130			
Zinc	0.080	0.040	mg/L	0.1000	ND	80	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602243 - EPA 200.8 (5.4)										
Matrix Spike (2602243-MS2)		**Source: 26B0429-02**		Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	0.12	0.040	mg/L	0.1000	0.016	100	70-130			
Antimony	0.053	0.00050	mg/L	0.05000	0.00054	104	70-130			
Arsenic	0.062	0.00050	mg/L	0.05000	0.0076	109	70-130			
Barium	0.13	0.00050	mg/L	0.05000	0.073	105	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.000024	103	70-130			
Cadmium	0.049	0.00025	mg/L	0.05000	ND	98	70-130			
Chromium	0.055	0.00050	mg/L	0.05000	ND	110	70-130			
Cobalt	0.054	0.00025	mg/L	0.05000	0.00010	108	70-130			
Copper	0.052	0.00050	mg/L	0.05000	0.00075	103	70-130			
Lead	0.053	0.00050	mg/L	0.05000	0.00053	104	70-130			
Manganese	0.057	0.00025	mg/L	0.05000	0.0030	107	70-130			
Molybdenum	0.22	0.00025	mg/L	0.05000	0.16	102	70-130			
Nickel	0.054	0.00050	mg/L	0.05000	0.0015	105	70-130			
Selenium	0.055	0.0025	mg/L	0.05000	0.0020	107	70-130			
Thallium	0.053	0.00050	mg/L	0.05000	0.000076	106	70-130			
Uranium	0.069	0.00050	mg/L	0.05000	0.0085	120	70-130			
Zinc	0.099	0.040	mg/L	0.1000	0.014	85	70-130			
Batch 2602272 - EPA 245.1										
Blank (2602272-BLK1)				Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	ND	0.0010	mg/L							
LCS (2602272-BS1)				Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		100	85-115			
LCS Dup (2602272-BSD1)				Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		101	85-115	0.2	20	
Matrix Spike (2602272-MS1)		**Source: 26B0359-01**		Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0052	0.0010	mg/L	0.005000	ND	104	70-130			
Matrix Spike (2602272-MS2)		**Source: 26B0359-02**		Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	101	70-130			
Matrix Spike Dup (2602272-MSD1)		**Source: 26B0359-01**		Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	101	70-130	3	20	
Matrix Spike Dup (2602272-MSD2)		**Source: 26B0359-02**		Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	102	70-130	0.6	20	
Batch 2603008 - EPA 200.7 (4.4)										
Blank (2603008-BLK1)				Prepared: 02/26/2026 Analyzed: 03/04/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.4	5.0	mg/L							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2603008 - EPA 200.7 (4.4)										
LCS (2603008-BS1)				Prepared: 02/26/2026 Analyzed: 03/04/2026						
Calcium	9.9	4.0	mg/L	10.00		99	85-115			
Magnesium	9.8	3.0	mg/L	10.00		98	85-115			
Potassium	9.7	5.0	mg/L	10.00		97	85-115			
Sodium	10	5.0	mg/L	10.00		101	85-115			
LCS Dup (2603008-BSD1)				Prepared: 02/26/2026 Analyzed: 03/04/2026						
Calcium	10	4.0	mg/L	10.00		100	85-115	0.8	20	
Magnesium	9.9	3.0	mg/L	10.00		99	85-115	1	20	
Potassium	9.8	5.0	mg/L	10.00		98	85-115	0.5	20	
Sodium	10	5.0	mg/L	10.00		102	85-115	1	20	
Matrix Spike (2603008-MS1)	**Source: 26B0084-01**			Prepared: 02/26/2026 Analyzed: 03/04/2026						
Calcium	120	4.0	mg/L	10.00	110	62	70-130			M2
Magnesium	29	3.0	mg/L	10.00	20	95	70-130			
Potassium	14	5.0	mg/L	10.00	3.8	106	70-130			
Sodium	100	5.0	mg/L	10.00	95	75	70-130			
Matrix Spike (2603008-MS2)	**Source: 26B0388-04**			Prepared: 02/26/2026 Analyzed: 03/04/2026						
Calcium	12	4.0	mg/L	10.00	2.3	101	70-130			
Magnesium	10	3.0	mg/L	10.00	0.11	99	70-130			
Potassium	12	5.0	mg/L	10.00	1.0	106	70-130			
Sodium	120	5.0	mg/L	10.00	120	74	70-130			
Batch 2603009 - EPA 200.7 (4.4)										
Blank (2603009-BLK1)				Prepared: 03/02/2026 Analyzed: 03/04/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.3	5.0	mg/L							
LCS (2603009-BS1)				Prepared: 03/02/2026 Analyzed: 03/04/2026						
Calcium	9.5	4.0	mg/L	10.00		95	85-115			
Magnesium	9.4	3.0	mg/L	10.00		94	85-115			
Potassium	9.7	5.0	mg/L	10.00		97	85-115			
Sodium	10	5.0	mg/L	10.00		100	85-115			
LCS Dup (2603009-BSD1)				Prepared: 03/02/2026 Analyzed: 03/04/2026						
Calcium	9.3	4.0	mg/L	10.00		93	85-115	2	20	
Magnesium	9.2	3.0	mg/L	10.00		92	85-115	2	20	
Potassium	9.6	5.0	mg/L	10.00		96	85-115	0.8	20	
Sodium	9.9	5.0	mg/L	10.00		99	85-115	1	20	
Matrix Spike (2603009-MS1)	**Source: 26B0497-04**			Prepared: 03/02/2026 Analyzed: 03/04/2026						
Calcium	51	4.0	mg/L	10.00	42	82	70-130			
Magnesium	18	3.0	mg/L	10.00	9.0	94	70-130			
Potassium	14	5.0	mg/L	10.00	3.7	102	70-130			
Sodium	58	5.0	mg/L	10.00	50	74	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2603009 - EPA 200.7 (4.4)										
Matrix Spike (2603009-MS2)		**Source: 26B0497-05**		Prepared: 03/02/2026 Analyzed: 03/04/2026						
Calcium	10	4.0	mg/L	10.00	ND	100	70-130			
Magnesium	9.9	3.0	mg/L	10.00	ND	99	70-130			
Potassium	10	5.0	mg/L	10.00	ND	102	70-130			
Sodium	11	5.0	mg/L	10.00	1.5	92	70-130			
Batch 2603017 - E200.8 (5.4)										
Blank (2603017-BLK1)				Prepared: 03/03/2026 Analyzed: 03/04/2026						
Uranium	ND	0.00050	mg/L							
LCS (2603017-BS1)				Prepared: 03/03/2026 Analyzed: 03/04/2026						
Uranium	0.053	0.00050	mg/L	0.05000		106	85-115			
LCS Dup (2603017-BSD1)				Prepared: 03/03/2026 Analyzed: 03/04/2026						
Uranium	0.053	0.00050	mg/L	0.05000		106	85-115	0.1	20	
Matrix Spike (2603017-MS1)		**Source: 26B0445-01**		Prepared: 03/03/2026 Analyzed: 03/04/2026						
Uranium	0.069	0.00050	mg/L	0.05000	0.0026	132	70-130			M1
Matrix Spike (2603017-MS2)		**Source: 26B0475-03**		Prepared: 03/03/2026 Analyzed: 03/04/2026						
Uranium	0.073	0.00050	mg/L	0.05000	0.0044	137	70-130			M1
Batch 2603022 - E200.7 (4.4)										
Blank (2603022-BLK1)				Prepared: 02/26/2026 Analyzed: 03/06/2026						
Iron	ND	0.30	mg/L							
LCS (2603022-BS1)				Prepared: 02/26/2026 Analyzed: 03/06/2026						
Iron	1.1	0.30	mg/L	1.111		97	85-115			
LCS Dup (2603022-BSD1)				Prepared: 02/26/2026 Analyzed: 03/06/2026						
Iron	1.1	0.30	mg/L	1.111		96	85-115	1	20	
Matrix Spike (2603022-MS1)		**Source: 26B0262-01**		Prepared: 02/26/2026 Analyzed: 03/06/2026						
Iron	3.1	0.30	mg/L	1.111	1.9	100	70-130			
Matrix Spike (2603022-MS2)		**Source: 26B0263-01**		Prepared: 02/26/2026 Analyzed: 03/06/2026						
Iron	1.3	0.30	mg/L	1.111	0.24	93	70-130			
Batch 2603054 - E200.7 (4.4)										
Blank (2603054-BLK1)				Prepared: 02/27/2026 Analyzed: 03/09/2026						
Iron	0.026	0.30	mg/L							
LCS (2603054-BS1)				Prepared: 02/27/2026 Analyzed: 03/09/2026						
Iron	1.1	0.30	mg/L	1.111		98	85-115			
LCS Dup (2603054-BSD1)				Prepared: 02/27/2026 Analyzed: 03/09/2026						
Iron	1.1	0.30	mg/L	1.111		97	85-115	0.9	20	
Matrix Spike (2603054-MS1)		**Source: 26B0497-03**		Prepared: 02/27/2026 Analyzed: 03/09/2026						
Iron	1.5	0.30	mg/L	1.111	0.41	96	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2603054 - E200.7 (4.4)										
Matrix Spike (2603054-MS2)		**Source: 26B0497-04**		Prepared: 02/27/2026 Analyzed: 03/09/2026						
Iron	2.0	0.30	mg/L	1.111	0.90	101	70-130			
Batch 2603212 - E200.8 (5.4)										
Blank (2603212-BLK1)				Prepared: 03/20/2026 Analyzed: 03/23/2026						
Uranium	ND	0.00050	mg/L							
LCS (2603212-BS1)				Prepared: 03/20/2026 Analyzed: 03/23/2026						
Uranium	0.054	0.00050	mg/L	0.05000		109	85-115			
LCS Dup (2603212-BSD1)				Prepared: 03/20/2026 Analyzed: 03/23/2026						
Uranium	0.053	0.00050	mg/L	0.05000		105	85-115	3	20	
Matrix Spike (2603212-MS1)		**Source: 26B0497-01**		Prepared: 03/20/2026 Analyzed: 03/23/2026						
Uranium	0.067	0.00050	mg/L	0.05000	0.0034	126	70-130			
Matrix Spike (2603212-MS2)		**Source: 26B0497-02**		Prepared: 03/20/2026 Analyzed: 03/23/2026						
Uranium	0.068	0.00050	mg/L	0.05000	0.0047	127	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602223 - SM2540 C										
Duplicate (2602223-DUP1)		**Source: 26B0462-01**		Prepared: 02/23/2026 Analyzed: 02/25/2026						
Total Dissolved Solids (Residue, Filterable)	530	20	mg/L		520			3	5	
Duplicate (2602223-DUP2)		**Source: 26B0497-01**		Prepared: 02/23/2026 Analyzed: 02/25/2026						
Total Dissolved Solids (Residue, Filterable)	410	20	mg/L		410			0.7	5	
Duplicate (2602223-DUP3)		**Source: 26B0189-01**		Prepared: 02/23/2026 Analyzed: 02/25/2026						
Total Dissolved Solids (Residue, Filterable)	3200	20	mg/L		3200			0.06	5	
Batch 2602229 - SM4500-CN BE										
Blank (2602229-BLK1)				Prepared & Analyzed: 02/23/2026						
Cyanide	ND	0.10	mg/L							
LCS (2602229-BS1)				Prepared & Analyzed: 02/23/2026						
Cyanide	1.9	0.10	mg/L	2.000		94	85-115			
LCS Dup (2602229-BSD1)				Prepared & Analyzed: 02/23/2026						
Cyanide	1.9	0.10	mg/L	2.000		96	85-115	3	15	
Matrix Spike (2602229-MS1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/23/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	96	80-120			
Matrix Spike Dup (2602229-MSD1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/23/2026						
Cyanide	2.0	0.10	mg/L	2.000	ND	99	80-120	4	15	
Batch 2602261 - SM2320B										
Blank (2602261-BLK1)				Prepared & Analyzed: 02/25/2026						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2602261-BS1)				Prepared & Analyzed: 02/25/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		102	90-110			
LCS Dup (2602261-BSD1)				Prepared & Analyzed: 02/25/2026						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0		102	90-110	0.8	10	
Matrix Spike (2602261-MS1)		**Source: 26B0379-01**		Prepared & Analyzed: 02/25/2026						
Alkalinity, Total (As CaCO3)	340	2.0	mg/L	250.0	100	97	70-130			
Matrix Spike Dup (2602261-MSD1)		**Source: 26B0379-01**		Prepared & Analyzed: 02/25/2026						
Alkalinity, Total (As CaCO3)	350	2.0	mg/L	250.0	100	98	70-130	1	10	
Batch 2602274 - EPA 351.2										
Blank (2602274-BLK1)				Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602274 - EPA 351.2										
LCS (2602274-BS1)				Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.3	0.50	mg/L	5.000		106	80-120			
LCS Dup (2602274-BSD1)				Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000		104	80-120	2	20	
Matrix Spike (2602274-MS1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120			
Matrix Spike (2602274-MS2)		**Source: 26B0617-02**		Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120			
Matrix Spike Dup (2602274-MSD1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	6.1	0.50	mg/L	5.000	ND	122	80-120	15	20	M1
Matrix Spike Dup (2602274-MSD2)		**Source: 26B0617-02**		Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120	0.4	20	
Batch 2602288 - SM 4500-NH3 B, F										
Blank (2602288-BLK1)				Prepared & Analyzed: 02/27/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2602288-BS1)				Prepared & Analyzed: 02/27/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		105	85-115			
LCS Dup (2602288-BSD1)				Prepared & Analyzed: 02/27/2026						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		106	85-115	1	10	
Matrix Spike (2602288-MS1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/27/2026						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500	ND	96	80-120			
Matrix Spike Dup (2602288-MSD1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/27/2026						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500	ND	99	80-120	2	20	
Batch 2603026 - SM2320B										
Blank (2603026-BLK1)				Prepared & Analyzed: 03/02/2026						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2603026-BS1)				Prepared & Analyzed: 03/02/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		101	90-110			
LCS Dup (2603026-BSD1)				Prepared & Analyzed: 03/02/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		100	90-110	0.8	10	
Matrix Spike (2603026-MS1)		**Source: 26B0497-05**		Prepared & Analyzed: 03/02/2026						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	16	98	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2603026 - SM2320B										
Matrix Spike Dup (2603026-MSD1)		**Source: 26B0497-05**		Prepared & Analyzed: 03/02/2026						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	16	100	70-130	2	10	
Batch 2603040 - SM4500-H+ B										
Duplicate (2603040-DUP1)		**Source: 26B0497-02**		Prepared & Analyzed: 03/05/2026						
pH (pH Units)	7.5		-		7.5			0.4	200	
Temperature (°C)	21		-		21			0	200	
Duplicate (2603040-DUP2)		**Source: 26B0766-02**		Prepared & Analyzed: 03/05/2026						
pH (pH Units)	6.4		-		6.4			0.3	200	
Temperature (°C)	21		-		21			1	200	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602178 - SW8260B										
Blank (2602178-BLK1)				Prepared & Analyzed: 02/17/2026						
Benzene	0.10	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.27	0.50	ug/L							
Toluene	0.070	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*22.6*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
Blank (2602178-BLK2)				Prepared: 02/17/2026 Analyzed: 02/18/2026						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.26	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*25.2*		*ug/L*	*25.00*		*101*	*70-130*			
LCS (2602178-BS1)				Prepared & Analyzed: 02/17/2026						
1,1-Dichloroethene	22		ug/L	25.00		86	70-130			
Benzene	25		ug/L	25.00		101	70-130			
Chlorobenzene	28		ug/L	25.00		112	70-130			
Toluene	26		ug/L	25.00		103	70-130			
Trichloroethene	25		ug/L	25.00		99	70-130			
Surrogate: 4-Bromofluorobenzene	*21.7*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Dibromofluoromethane	*22.3*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Toluene-d8	*22.3*		*ug/L*	*25.00*		*89*	*70-130*			
LCS (2602178-BS2)				Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	23		ug/L	25.00		93	70-130			
Benzene	28		ug/L	25.00		112	70-130			
Chlorobenzene	30		ug/L	25.00		120	70-130			
Toluene	28		ug/L	25.00		114	70-130			
Trichloroethene	26		ug/L	25.00		103	70-130			
Surrogate: 4-Bromofluorobenzene	*21.4*		*ug/L*	*25.00*		*86*	*70-130*			
Surrogate: Dibromofluoromethane	*23.3*		*ug/L*	*25.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
LCS Dup (2602178-BSD1)				Prepared & Analyzed: 02/17/2026						
1,1-Dichloroethene	23		ug/L	25.00		92	70-130	6	30	
Benzene	27		ug/L	25.00		108	70-130	6	30	
Chlorobenzene	30		ug/L	25.00		119	70-130	6	30	
Toluene	28		ug/L	25.00		110	70-130	7	30	
Trichloroethene	27		ug/L	25.00		106	70-130	6	30	
Surrogate: 4-Bromofluorobenzene	*22.1*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*23.6*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*23.7*		*ug/L*	*25.00*		*95*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Date Received: 02/17/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602178 - SW8260B										
LCS Dup (2602178-BSD2)				Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	24		ug/L	25.00		96	70-130	3	30	
Benzene	29		ug/L	25.00		117	70-130	4	30	
Chlorobenzene	32		ug/L	25.00		127	70-130	5	30	
Toluene	30		ug/L	25.00		120	70-130	5	30	
Trichloroethene	27		ug/L	25.00		108	70-130	5	30	
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Dibromofluoromethane	*24.2*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*24.9*		*ug/L*	*25.00*		*99*	*70-130*			
Matrix Spike (2602178-MS1)		**Source: 26B0429-01**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	87	70-130			
Benzene	27		ug/L	25.00	0.010	108	70-130			
Chlorobenzene	29		ug/L	25.00	0.020	116	70-130			
Toluene	28		ug/L	25.00	0.050	110	70-130			
Trichloroethene	26		ug/L	25.00	0.020	103	70-130			
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/L*	*25.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
Matrix Spike (2602178-MS2)		**Source: 26B0497-01**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	89	70-130			
Benzene	28		ug/L	25.00	0.010	110	70-130			
Chlorobenzene	29		ug/L	25.00	0.010	117	70-130			
Toluene	27		ug/L	25.00	0.020	109	70-130			
Trichloroethene	25		ug/L	25.00	0.020	101	70-130			
Surrogate: 4-Bromofluorobenzene	*21.3*		*ug/L*	*25.00*		*85*	*70-130*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*23.1*		*ug/L*	*25.00*		*92*	*70-130*			
Matrix Spike (2602178-MS3)		**Source: 26B0538-02**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	89	70-130			
Benzene	27		ug/L	25.00	0.0	110	70-130			
Chlorobenzene	29		ug/L	25.00	0.0	115	70-130			
Toluene	27		ug/L	25.00	0.0	107	70-130			
Trichloroethene	26		ug/L	25.00	0.0	102	70-130			
Surrogate: 4-Bromofluorobenzene	*20.5*		*ug/L*	*25.00*		*82*	*70-130*			
Surrogate: Dibromofluoromethane	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Matrix Spike Dup (2602178-MSD1)		**Source: 26B0429-01**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	89	70-130	2	30	
Benzene	28		ug/L	25.00	0.010	111	70-130	2	30	
Chlorobenzene	30		ug/L	25.00	0.020	119	70-130	3	30	
Toluene	27		ug/L	25.00	0.050	110	70-130	0.6	30	
Trichloroethene	26		ug/L	25.00	0.020	103	70-130	0.7	30	
Surrogate: 4-Bromofluorobenzene	*21.2*		*ug/L*	*25.00*		*85*	*70-130*			
Surrogate: Dibromofluoromethane	*24.2*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Date Received: 02/17/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602178 - SW8260B										
Matrix Spike Dup (2602178-MSD2)	**Source: 26B0497-01**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	88	70-130	2	30	
Benzene	27		ug/L	25.00	0.010	108	70-130	2	30	
Chlorobenzene	29		ug/L	25.00	0.010	115	70-130	2	30	
Toluene	27		ug/L	25.00	0.020	108	70-130	0.2	30	
Trichloroethene	25		ug/L	25.00	0.020	98	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*21.4*		*ug/L*	*25.00*		*85*	*70-130*			
Surrogate: Dibromofluoromethane	*23.9*		*ug/L*	*25.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*23.3*		*ug/L*	*25.00*		*93*	*70-130*			
Matrix Spike Dup (2602178-MSD3)	**Source: 26B0538-02**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	21		ug/L	25.00	0.010	86	70-130	4	30	
Benzene	26		ug/L	25.00	0.0	105	70-130	4	30	
Chlorobenzene	29		ug/L	25.00	0.0	116	70-130	0.6	30	
Toluene	27		ug/L	25.00	0.0	107	70-130	0.3	30	
Trichloroethene	25		ug/L	25.00	0.0	99	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*24.7*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*23.7*		*ug/L*	*25.00*		*95*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Date Received: 02/17/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602191 - EPA 300.0 (2.1)										
Blank (2602191-BLK1)				Prepared & Analyzed: 02/17/2026						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2602191-BS1)				Prepared & Analyzed: 02/17/2026						
Chloride	12	1.0	mg/L	12.50		96	90-110			
Fluoride	2.1	0.50	mg/L	2.000		105	90-110			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000		99	90-110			
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500		92	90-110			
Sulfate	12	5.0	mg/L	12.50		99	90-110			
LCS Dup (2602191-BSD1)				Prepared & Analyzed: 02/17/2026						
Chloride	12	1.0	mg/L	12.50		96	90-110	0.09	10	
Fluoride	2.1	0.50	mg/L	2.000		107	90-110	2	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000		99	90-110	0.02	10	
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500		92	90-110	0.4	10	
Sulfate	12	5.0	mg/L	12.50		99	90-110	0.2	10	
Matrix Spike (2602191-MS1)		**Source: 26B0497-01**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
Chloride	23	1.0	mg/L	12.50	10	102	80-120			
Fluoride	2.7	0.50	mg/L	2.000	1.2	80	80-120			M2
Nitrogen, Nitrate (As N)	6.5	0.50	mg/L	5.000	1.6	99	80-120			
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	92	80-120			
Sulfate	74	5.0	mg/L	12.50	66	66	80-120			M2
Matrix Spike (2602191-MS2)		**Source: 26B0497-02**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
Chloride	24	1.0	mg/L	12.50	11	103	80-120			
Fluoride	3.1	0.50	mg/L	2.000	1.4	86	80-120			
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.50	97	80-120			
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	93	80-120			
Sulfate	26	5.0	mg/L	12.50	16	77	80-120			M2
Matrix Spike (2602191-MS3)		**Source: 26B0497-05**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
Chloride	12	1.0	mg/L	12.50	ND	97	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	100	80-120			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	101	80-120			
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	93	80-120			
Sulfate	12	5.0	mg/L	12.50	ND	99	80-120			
Matrix Spike Dup (2602191-MSD1)		**Source: 26B0497-01**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
Chloride	23	1.0	mg/L	12.50	10	102	80-120	0.2	10	
Fluoride	2.8	0.50	mg/L	2.000	1.2	82	80-120	2	10	
Nitrogen, Nitrate (As N)	6.5	0.50	mg/L	5.000	1.6	99	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	93	80-120	0.5	10	
Sulfate	74	5.0	mg/L	12.50	66	66	80-120	0.02	10	M2

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0497
Date Received: 02/17/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602191 - EPA 300.0 (2.1)										
Matrix Spike Dup (2602191-MSD2)	**Source: 26B0497-02**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
Chloride	24	1.0	mg/L	12.50	11	103	80-120	0.1	10	
Fluoride	3.1	0.50	mg/L	2.000	1.4	86	80-120	0.3	10	
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.50	98	80-120	0.1	10	
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	93	80-120	0.09	10	
Sulfate	26	5.0	mg/L	12.50	16	77	80-120	0.08	10	M2
Matrix Spike Dup (2602191-MSD3)	**Source: 26B0497-05**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
Chloride	12	1.0	mg/L	12.50	ND	97	80-120	0.5	10	
Fluoride	2.0	0.50	mg/L	2.000	ND	100	80-120	0.3	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	100	80-120	0.7	10	
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	93	80-120	0.8	10	
Sulfate	12	5.0	mg/L	12.50	ND	99	80-120	0.4	10	

TURNER ENVIRONMENTAL INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 26B0947 DATE 2/17/26 PAGE 1 OF 1

PROJECT NAME Grand Water # _____

CONTACT NAME T.S. Reiser

COMPANY NAME Copper World

ADDRESS 4900 E. Williams Circle Suite 2010

ZIP Tucson, AZ PHONE _____ EMAIL _____

SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS
POC-10	2/16/26	10:45		GW	9
POC-09	2/16/26	11:44		GW	9
POC-08	2/16/26	12:10		GW	9
POC-05	2/16/26	16:00		GW	9
Field Blank	2/16/26	16:30			9
Trip Blank	2/16/26				3

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

Base Neutrals 625/8270 ☐ Acids ☐ Volatile Organics ☐ 624 ☐ 5242 ☐ TTHMS ☐ 8260 ☐ HAAS ☐ Chloride ☐ Sulfate ☐ Resistivity ☐ NO3 ☐ NO2 ☐ TKN ☐ TPH ☐ 1664 ☐ Oil & Grease ☐ VOA ☐ TCLP Analysis ☐ SemiVOA ☐ Pest. ☐ TCLP ☐ Metals ☐ Dissolved ☐ Total ☐ RCRA8 ☐ Total ☐ Cyanide ☐ Amen. ☐ WAD ☐ SDWA-INORGANICS PRIMARY ☐ SECONDARY ☐ Coliform ☐ MPN ☐ PIA ☐ Fecal ☐ pH ☐ Cl2 ☐ Cl2 ☐ Turb ☐ COD ☐ TSS ☐ BOD ☐ 6010 Copper

1. RELINQUISHED BY:
L. Coleman
Signature
Alejandra Coleman
Printed Name
PTEA
Firm
2/17/26 8:42
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
___ Standard (approx. 10 days)*
___ Next Day ___ 2 Day ___ 5 Day*
___ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
___ I. Routine Report
___ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
___ III. Date Validation Report (includes All Raw Data) Add 10% to invoice

INVOICE INFORMATION:
Account ___ Y ___ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers 49
Temperature 0.4
☑ Wet Ice
☐ Ambient
☐ Blue Ice
IR #

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Skyler Tilden
Printed Name
TURNER LABORATORIES, INC.
Firm
2/17/26 0942
Date/Time

* LEGEND SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No		Custody Seals ☐	Preservation Confirmation ☑
ADEQ Forms: ☐ Yes ☐ No		Container Intact ☑	Appropriate Head Space ☑
Mail ADEQ Forms: ☐ Yes ☐ No		COC / Labels Agree ☑	Received Within Hold Time ☑

SPECIAL INSTRUCTIONS/COMMENTS:
Email to pteam.com

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 16, 2026
Sample Received: February 20, 2026
Analysis Completed: March 09, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26B0497-01	4.2 ± 0.5	2.8 ± 0.6	1.4 ± 0.8	3.6 ± 1.3	< 0.5	< 0.7	< 0.7

Analysis Date/Time	2/24/2026	2/26/2026	2/26/2026	3/1/2026	3/6/2026	3/6/2026	3/6/2026
	21:45	13:41	13:41	9:53	5:49	5:49	5:49

March 9, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 16, 2026
Sample Received: February 20, 2026
Uranium Analysis Date: February 26, 2026
Uranium Analysis Time: 13:41

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26B0497-01	1.1 ± 0.3	0.049 ± 0.002	1.7 ± 0.3	2.8 ± 0.6	Activity (pCi/L)
	3.2 ± 0.8	0.023 ± 0.001	0.00028 ± 0.00005	3.2 ± 0.8	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P. March 9, 2026
Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 16, 2026 (Sample Date) 10:45 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/26/2026	1.4 ± 0.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/24/2026	4.2 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	2/26/2026	3.2 ± 0.8	µg/L	
			Uranium 234	4007	2/26/2026	0.00028 ± 0.00005		
			Uranium 235	4008	2/26/2026	0.023 ± 0.001		
			Uranium 238	4009	2/26/2026	3.2 ± 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	3/6/2026	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	3/6/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	3/6/2026	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79407

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0497-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 16, 2026 (Sample Date) 10:45 (Sample Time) (24 hour clock) _____ (Owner/Contact Person)

_____ (Owner/Contact Fax Number) _____ (Owner/Contact Phone Number)

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	3/1/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79407

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0497-01

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 16, 2026
Sample Received: February 20, 2026
Analysis Completed: March 09, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26B0497-02	5.6 ± 0.5	3.5 ± 0.6	2.1 ± 0.8	< 2.6	< 0.5	1.2 ± 0.3	1.2 ± 0.3

Analysis Date/Time	2/25/2026	2/26/2026	2/26/2026	3/1/2026	3/6/2026	3/6/2026	3/6/2026
	14:27	13:55	13:55	13:14	9:56	9:56	9:56

Robert L. Metzger, Ph.D., C.H.P. — March 9, 2026 Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 16, 2026
Sample Received: February 20, 2026
Uranium Analysis Date: February 26, 2026
Uranium Analysis Time: 13:55

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26B0497-02	1.3 ± 0.3	0.059 ± 0.002	2.1 ± 0.4	3.5 ± 0.6	Activity (pCi/L)
	3.8 ± 0.8	0.027 ± 0.001	0.00035 ± 0.00006	3.8 ± 0.8	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P. March 9, 2026 Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 16, 2026 (Sample Date) 14:13 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/26/2026	2.1 ± 0.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/25/2026	5.6 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	2/26/2026	3.8 ± 0.8	µg/L	
			Uranium 234	4007	2/26/2026	0.00035 ± 0.00006		
			Uranium 235	4008	2/26/2026	0.027 ± 0.001		
			Uranium 238	4009	2/26/2026	3.8 ± 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	3/6/2026	1.2 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	3/6/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	3/6/2026	1.2 ± 0.3		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79408

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0497-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 16, 2026 (Sample Date) 14:13 (Sample Time) (24 hour clock) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	3/1/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79408

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0497-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 16, 2026
Sample Received: February 20, 2026
Analysis Completed: March 09, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26B0497-03	1.8 ± 0.3	0.8 ± 0.3	1.0 ± 0.4	< 5.2	< 0.5	< 0.7	< 0.7

Analysis Date/Time	2/25/2026	2/26/2026	2/26/2026	3/1/2026	3/6/2026	3/6/2026	3/6/2026
	16:07	15:01	15:01	16:34	14:19	14:19	14:19

March 9, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 16, 2026
Sample Received: February 20, 2026
Uranium Analysis Date: February 26, 2026
Uranium Analysis Time: 15:01

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26B0497-03	0.4 ± 0.2	0.019 ± 0.001	0.4 ± 0.2	0.8 ± 0.3	Activity (pCi/L)
	1.2 ± 0.5	0.009 ± 0.001	0.00007 ± 0.00003	1.2 ± 0.5	Content (µg/L)
	Comments:				

March 9, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 16, 2026 (Sample Date) 12:10 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/26/2026	1.0 ± 0.4		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/25/2026	1.8 ± 0.3		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	2/26/2026	1.2 ± 0.5	µg/L	
			Uranium 234	4007	2/26/2026	0.00007 ± 0.00003		
			Uranium 235	4008	2/26/2026	0.009 ± 0.001		
			Uranium 238	4009	2/26/2026	1.2 ± 0.5		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	3/6/2026	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	3/6/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	3/6/2026	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79409

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0497-03

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 16, 2026 (Sample Date) 12:10 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	3/1/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

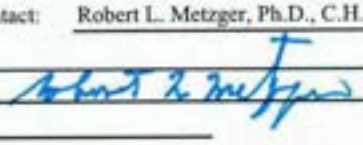
Specimen Number: RSE79409

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0497-03

Authorized Signature: 

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 16, 2026
Sample Received: February 20, 2026
Analysis Completed: March 09, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26B0497-04	20.8 ± 1.0	18.6 ± 1.5	2.2 ± 1.8	17.2 ± 2.8	< 0.5	< 0.7	< 0.7

Analysis Date/Time	2/25/2026	2/26/2026	2/26/2026	3/1/2026	3/6/2026	3/6/2026	3/6/2026
	17:48	15:17	15:17	19:54	18:41	18:41	18:41

March 9, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 16, 2026
Sample Received: February 20, 2026
Uranium Analysis Date: February 26, 2026
Uranium Analysis Time: 15:17

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26B0497-04	7.2 ± 0.6	0.334 ± 0.005	11.1 ± 0.8	18.6 ± 1.5	Activity (pCi/L)
	21.3 ± 1.9	0.156 ± 0.002	0.00178 ± 0.00013	21.5 ± 1.9	Content (µg/L)
	Comments:				

March 9, 2026

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 16, 2026 (Sample Date) 16:00 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/26/2026	2.2 ± 1.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/25/2026	20.8 ± 1.0		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	2/26/2026	21.5 ± 1.9	µg/L	
			Uranium 234	4007	2/26/2026	0.00178 ± 0.00013		
			Uranium 235	4008	2/26/2026	0.156 ± 0.002		
			Uranium 238	4009	2/26/2026	21.3 ± 1.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	3/6/2026	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	3/6/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	3/6/2026	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79410

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0497-04

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 16, 2026 (Sample Date) 16:00 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	3/1/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79410

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0497-04

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 16, 2026
Sample Received: February 20, 2026
Analysis Completed: March 09, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26B0497-05	< 0.5	< 0.4	< 0.5	< 2.5	< 0.6	< 0.7	< 0.7

Analysis Date/Time	2/25/2026	2/26/2026	2/26/2026	3/1/2026	3/6/2026	3/6/2026	3/6/2026
	19:28	15:32	15:32	23:15	23:04	23:04	23:04

March 9, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 16, 2026
Sample Received: February 20, 2026
Uranium Analysis Date: February 26, 2026
Uranium Analysis Time: 15:32

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26B0497-05	< 0.3	< 0.002	< 0.3	< 0.4	Activity (pCi/L)
	< 0.8	< 0.001	< 0.00005	< 0.8	Content (µg/L)
	Comments:				

March 9, 2026

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 16, 2026 (Sample Date) 16:30 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/26/2026	< 0.5		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/25/2026	< 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	2/26/2026	< 0.8	µg/L	
			Uranium 234	4007	2/26/2026	< 0.00005		
			Uranium 235	4008	2/26/2026	< 0.001		
			Uranium 238	4009	2/26/2026	< 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	3/6/2026	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	3/6/2026	< 0.6		
GammaRay HPGE		1 pCi/L	Radium 228	4030	3/6/2026	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79411

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0497-05

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 16, 2026 (Sample Date) 16:30 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	3/1/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79411

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0497-05

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26B0497

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Kevin Brim, Kbrim@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26B0497-01 Non-Potable Wa Sampled:02/16/2026 10:45			
Radiochemistry, Uranium	08/15/2026 10:45		
Radiochemistry, Radium 226/228	03/18/2026 10:45		
Radiochemistry, Gross Alpha Beta	08/15/2026 10:45		79407
Containers Supplied: 1			
Sample ID: 26B0497-02 Non-Potable Wa Sampled:02/16/2026 14:13			
Radiochemistry, Uranium	08/15/2026 14:13		
Radiochemistry, Radium 226/228	03/18/2026 14:13		
Radiochemistry, Gross Alpha Beta	08/15/2026 14:13		79408
Containers Supplied: 1			
Sample ID: 26B0497-03 Non-Potable Wa Sampled:02/16/2026 12:10			
Radiochemistry, Uranium	08/15/2026 12:10		
Radiochemistry, Radium 226/228	03/18/2026 12:10		
Radiochemistry, Gross Alpha Beta	08/15/2026 12:10		79409
Containers Supplied: 1			
Sample ID: 26B0497-04 Non-Potable Wa Sampled:02/16/2026 16:00			
Radiochemistry, Uranium	08/15/2026 16:00		
Radiochemistry, Radium 226/228	03/18/2026 16:00		
Radiochemistry, Gross Alpha Beta	08/15/2026 16:00		79410
Containers Supplied: 1			

Released By	Date	Received By	Date
Skyler Zeldon	2119126 1600	UPS	2119126 1600
Released By	Date	Received By	Date
		MS	2/20/26 12:35

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26B0497

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26B0497-05 Non-Potable Wa Sampled:02/16/2026 16:30			
Radiochemistry, Uranium	08/15/2026 16:30		
Radiochemistry, Radium 226/228	03/18/2026 16:30		
Radiochemistry, Gross Alpha Beta	08/15/2026 16:30		79411
Containers Supplied: 1			

Shyler Tibbs 2/19/26 1600 UPS 2/19/26 1600

Released By Date Received By Date

MS 2/20/26 12:35

Released By Date Received By Date

April 13, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 26B0524

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 1 sample(s) on 02/17/2026 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0524
Date Received: 02/17/2026

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
26B0524-01	POC - 07	Ground Water	02/17/2026 1133

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0524
Date Received: 02/17/2026

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

This report has been revised to add Total Unranium.

B7	Target analyte detected in method blank at or above the method reporting limit. Concentration found in the sample was 10 times above the concentration found in the method blank.
E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
U	Analyte included in the analysis, but not detected

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Turner Laboratories, Inc.

Date: 04/13/2026

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0524
Lab Sample ID: 26B0524-01

Client Sample ID: POC - 07
Collection Date/Time: 02/17/2026 1133
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND		1.1		mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND		0.60	U	mg/L	1	02/17/2026 1450	02/18/2026 0039	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	03/02/2026 1338	03/12/2026 1727	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0016		0.00056		mg/L	1	02/19/2026 1043	04/10/2026 1824	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	110		4.0		mg/L	1	03/02/2026 1516	03/04/2026 1601	RAR
Magnesium	11		3.0		mg/L	1	03/02/2026 1516	03/04/2026 1601	RAR
Potassium	7.3		5.0		mg/L	1	03/02/2026 1516	03/04/2026 1601	RAR
Sodium	6.7		5.0		mg/L	1	03/02/2026 1516	03/04/2026 1601	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.066	0.20	E8	mg/L	5	02/25/2026 1009	03/10/2026 1655	RAR
Antimony	0.00032	0.000039	0.00050	E4	mg/L	1	02/25/2026 1009	03/03/2026 1415	RAR
Arsenic	0.0057		0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1415	RAR
Barium	0.031		0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1415	RAR
Beryllium	ND	0.000066	0.0013	E8	mg/L	5	02/25/2026 1009	03/10/2026 1655	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	02/25/2026 1009	03/03/2026 1415	RAR
Chromium	ND	0.00012	0.0025	E8	mg/L	5	02/25/2026 1009	03/10/2026 1655	RAR
Cobalt	0.00019	0.000052	0.0013	E4	mg/L	5	02/25/2026 1009	03/10/2026 1655	RAR
Copper	0.0067		0.0025		mg/L	5	02/25/2026 1009	03/10/2026 1655	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1415	RAR
Manganese	0.18		0.0013	B7	mg/L	5	02/25/2026 1009	03/10/2026 1655	RAR
Molybdenum	0.060		0.00025		mg/L	1	02/25/2026 1009	03/03/2026 1415	RAR
Nickel	0.0042		0.0025		mg/L	5	02/25/2026 1009	03/10/2026 1655	RAR
Selenium	0.0018	0.00025	0.0025	E4	mg/L	1	02/25/2026 1009	03/03/2026 1415	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	02/25/2026 1009	03/03/2026 1415	RAR
Uranium	0.0015		0.00050		mg/L	1	02/25/2026 1009	03/03/2026 1415	RAR

Client: Copper World, Inc. **Client Sample ID:** POC - 07
Project: Ambient GW Monitoring **Collection Date/Time:** 02/17/2026 1133
Work Order: 26B0524 **Matrix:** Ground Water
Lab Sample ID: 26B0524-01

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.11	0.011	0.20	E4	mg/L	5	02/25/2026 1009	03/10/2026 1655	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	02/26/2026 1157	03/02/2026 1438	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11		1.0		mg/L	1	02/17/2026 1450	02/18/2026 0039	SS
Fluoride	ND	0.18	0.50	E8	mg/L	1	02/17/2026 1450	02/18/2026 0039	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	02/17/2026 1450	02/18/2026 0039	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	02/17/2026 1450	02/18/2026 0039	SS
Sulfate	290		25		mg/L	5	02/17/2026 1450	03/04/2026 1007	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	02/26/2026 1145	02/26/2026 1610	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	02/27/2026 1427	02/27/2026 1610	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	120		2.0		mg/L	1	03/02/2026 0854	03/02/2026 1545	RAR
Alkalinity, Carbonate (As CaCO3)	ND		2.0		mg/L	1	03/02/2026 0854	03/02/2026 1545	RAR
Alkalinity, Hydroxide (As CaCO3)	ND		2.0		mg/L	1	03/02/2026 0854	03/02/2026 1545	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND		2.0		mg/L	1	03/02/2026 0854	03/02/2026 1545	RAR
Alkalinity, Total (As CaCO3)	120		2.0		mg/L	1	03/02/2026 0854	03/02/2026 1545	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	610		20		mg/L	1	02/24/2026 0832	02/25/2026 1449	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	02/23/2026 1435	02/23/2026 1600	SJS
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0524
Lab Sample ID: 26B0524-01

Client Sample ID: POC - 07
Collection Date/Time: 02/17/2026 1133
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.4			H5	-	1	03/09/2026 1508	03/09/2026 1515	IM
Temperature (°C)	21			H5	-	1	03/09/2026 1508	03/09/2026 1515	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	02/17/2026 1400	02/18/2026 0754	KP
Carbon disulfide	ND	0.11	2.0	E8	ug/L	1	02/17/2026 1400	02/18/2026 0754	KP
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	02/17/2026 1400	02/18/2026 0754	KP
Toluene	ND	0.057	0.50	E8	ug/L	1	02/17/2026 1400	02/18/2026 0754	KP
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	02/17/2026 1400	02/18/2026 0754	KP
Surr: 4-Bromofluorobenzene	*82*	*70-130*			*%REC*	*1*	*02/17/2026 1400*	*02/18/2026 754*	*KP*
Surr: Dibromofluoromethane	*92*	*70-130*			*%REC*	*1*	*02/17/2026 1400*	*02/18/2026 754*	*KP*
Surr: Toluene-d8	*91*	*70-130*			*%REC*	*1*	*02/17/2026 1400*	*02/18/2026 754*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0524
Date Received: 02/17/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602243 - EPA 200.8 (5.4)										
Blank (2602243-BLK1)				Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	0.00013	0.00025	mg/L							
Molybdenum	ND	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2602243-BS1)				Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	0.11	0.040	mg/L	0.1000		105	85-115			
Antimony	0.056	0.00050	mg/L	0.05000		112	85-115			
Arsenic	0.055	0.00050	mg/L	0.05000		109	85-115			
Barium	0.057	0.00050	mg/L	0.05000		113	85-115			
Beryllium	0.049	0.00025	mg/L	0.05000		98	85-115			
Cadmium	0.055	0.00025	mg/L	0.05000		110	85-115			
Chromium	0.049	0.00050	mg/L	0.05000		99	85-115			
Cobalt	0.049	0.00025	mg/L	0.05000		99	85-115			
Copper	0.051	0.00050	mg/L	0.05000		102	85-115			
Lead	0.056	0.00050	mg/L	0.05000		111	85-115			
Manganese	0.051	0.00025	mg/L	0.05000		103	85-115			
Molybdenum	0.056	0.00025	mg/L	0.05000		113	85-115			
Nickel	0.050	0.00050	mg/L	0.05000		101	85-115			
Selenium	0.055	0.0025	mg/L	0.05000		110	85-115			
Thallium	0.055	0.00050	mg/L	0.05000		110	85-115			
Uranium	0.056	0.00050	mg/L	0.05000		112	85-115			
Zinc	0.10	0.040	mg/L	0.1000		103	85-115			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0524
Date Received: 02/17/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602243 - EPA 200.8 (5.4)										
LCS Dup (2602243-BSD1)				Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	0.11	0.040	mg/L	0.1000		111	85-115	6	20	
Antimony	0.056	0.00050	mg/L	0.05000		112	85-115	0.1	20	
Arsenic	0.056	0.00050	mg/L	0.05000		111	85-115	2	20	
Barium	0.057	0.00050	mg/L	0.05000		113	85-115	0.1	20	
Beryllium	0.049	0.00025	mg/L	0.05000		99	85-115	0.4	20	
Cadmium	0.055	0.00025	mg/L	0.05000		111	85-115	0.6	20	
Chromium	0.050	0.00050	mg/L	0.05000		100	85-115	1	20	
Cobalt	0.050	0.00025	mg/L	0.05000		99	85-115	0.6	20	
Copper	0.051	0.00050	mg/L	0.05000		102	85-115	0.5	20	
Lead	0.056	0.00050	mg/L	0.05000		112	85-115	0.7	20	
Manganese	0.051	0.00025	mg/L	0.05000		102	85-115	0.6	20	
Molybdenum	0.056	0.00025	mg/L	0.05000		113	85-115	0.1	20	
Nickel	0.051	0.00050	mg/L	0.05000		101	85-115	0.3	20	
Selenium	0.054	0.0025	mg/L	0.05000		107	85-115	3	20	
Thallium	0.055	0.00050	mg/L	0.05000		110	85-115	0.2	20	
Uranium	0.056	0.00050	mg/L	0.05000		112	85-115	0.09	20	
Zinc	0.10	0.040	mg/L	0.1000		103	85-115	0.3	20	
Matrix Spike (2602243-MS1)		**Source: 26B0429-01**		Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	0.10	0.040	mg/L	0.1000	ND	103	70-130			
Antimony	0.053	0.00050	mg/L	0.05000	0.000080	106	70-130			
Arsenic	0.058	0.00050	mg/L	0.05000	0.0035	109	70-130			
Barium	0.11	0.00050	mg/L	0.05000	0.057	107	70-130			
Beryllium	0.042	0.00025	mg/L	0.05000	ND	84	70-130			
Cadmium	0.050	0.00025	mg/L	0.05000	0.000050	100	70-130			
Chromium	0.048	0.00050	mg/L	0.05000	0.000075	96	70-130			
Cobalt	0.049	0.00025	mg/L	0.05000	0.00034	97	70-130			
Copper	0.046	0.00050	mg/L	0.05000	0.0017	90	70-130			
Lead	0.052	0.00050	mg/L	0.05000	0.00030	103	70-130			
Manganese	0.12	0.00025	mg/L	0.05000	0.45	NR	70-130			M2
Molybdenum	0.13	0.00025	mg/L	0.05000	0.076	106	70-130			
Nickel	0.048	0.00050	mg/L	0.05000	0.086	NR	70-130			M2
Selenium	0.055	0.0025	mg/L	0.05000	0.00087	109	70-130			
Thallium	0.052	0.00050	mg/L	0.05000	0.000053	104	70-130			
Uranium	0.081	0.00050	mg/L	0.05000	0.022	118	70-130			
Zinc	0.080	0.040	mg/L	0.1000	ND	80	70-130			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0524
Date Received: 02/17/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602243 - EPA 200.8 (5.4)										
Matrix Spike (2602243-MS2)		**Source: 26B0429-02**		Prepared: 02/25/2026 Analyzed: 03/10/2026						
Aluminum	0.12	0.040	mg/L	0.1000	0.016	100	70-130			
Antimony	0.053	0.00050	mg/L	0.05000	0.00054	104	70-130			
Arsenic	0.062	0.00050	mg/L	0.05000	0.0076	109	70-130			
Barium	0.13	0.00050	mg/L	0.05000	0.073	105	70-130			
Beryllium	0.052	0.00025	mg/L	0.05000	0.000024	103	70-130			
Cadmium	0.049	0.00025	mg/L	0.05000	ND	98	70-130			
Chromium	0.055	0.00050	mg/L	0.05000	ND	110	70-130			
Cobalt	0.054	0.00025	mg/L	0.05000	0.00010	108	70-130			
Copper	0.052	0.00050	mg/L	0.05000	0.00075	103	70-130			
Lead	0.053	0.00050	mg/L	0.05000	0.00053	104	70-130			
Manganese	0.057	0.00025	mg/L	0.05000	0.0030	107	70-130			
Molybdenum	0.22	0.00025	mg/L	0.05000	0.16	102	70-130			
Nickel	0.054	0.00050	mg/L	0.05000	0.0015	105	70-130			
Selenium	0.055	0.0025	mg/L	0.05000	0.0020	107	70-130			
Thallium	0.053	0.00050	mg/L	0.05000	0.000076	106	70-130			
Uranium	0.069	0.00050	mg/L	0.05000	0.0085	120	70-130			
Zinc	0.099	0.040	mg/L	0.1000	0.014	85	70-130			
Batch 2602272 - EPA 245.1										
Blank (2602272-BLK1)				Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	ND	0.0010	mg/L							
LCS (2602272-BS1)				Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		100	85-115			
LCS Dup (2602272-BSD1)				Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		101	85-115	0.2	20	
Matrix Spike (2602272-MS1)		**Source: 26B0359-01**		Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0052	0.0010	mg/L	0.005000	ND	104	70-130			
Matrix Spike (2602272-MS2)		**Source: 26B0359-02**		Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	101	70-130			
Matrix Spike Dup (2602272-MSD1)		**Source: 26B0359-01**		Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	101	70-130	3	20	
Matrix Spike Dup (2602272-MSD2)		**Source: 26B0359-02**		Prepared: 02/26/2026 Analyzed: 03/02/2026						
Mercury	0.0051	0.0010	mg/L	0.005000	ND	102	70-130	0.6	20	
Batch 2603009 - EPA 200.7 (4.4)										
Blank (2603009-BLK1)				Prepared: 03/02/2026 Analyzed: 03/04/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.3	5.0	mg/L							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2603009 - EPA 200.7 (4.4)										
LCS (2603009-BS1)				Prepared: 03/02/2026 Analyzed: 03/04/2026						
Calcium	9.5	4.0	mg/L	10.00		95	85-115			
Magnesium	9.4	3.0	mg/L	10.00		94	85-115			
Potassium	9.7	5.0	mg/L	10.00		97	85-115			
Sodium	10	5.0	mg/L	10.00		100	85-115			
LCS Dup (2603009-BSD1)				Prepared: 03/02/2026 Analyzed: 03/04/2026						
Calcium	9.3	4.0	mg/L	10.00		93	85-115	2	20	
Magnesium	9.2	3.0	mg/L	10.00		92	85-115	2	20	
Potassium	9.6	5.0	mg/L	10.00		96	85-115	0.8	20	
Sodium	9.9	5.0	mg/L	10.00		99	85-115	1	20	
Matrix Spike (2603009-MS1)	**Source: 26B0497-04**			Prepared: 03/02/2026 Analyzed: 03/04/2026						
Calcium	51	4.0	mg/L	10.00	42	82	70-130			
Magnesium	18	3.0	mg/L	10.00	9.0	94	70-130			
Potassium	14	5.0	mg/L	10.00	3.7	102	70-130			
Sodium	58	5.0	mg/L	10.00	50	74	70-130			
Matrix Spike (2603009-MS2)	**Source: 26B0497-05**			Prepared: 03/02/2026 Analyzed: 03/04/2026						
Calcium	10	4.0	mg/L	10.00	ND	100	70-130			
Magnesium	9.9	3.0	mg/L	10.00	ND	99	70-130			
Potassium	10	5.0	mg/L	10.00	ND	102	70-130			
Sodium	11	5.0	mg/L	10.00	1.5	92	70-130			
Batch 2603089 - E200.7 (4.4)										
Blank (2603089-BLK1)				Prepared: 03/06/2026 Analyzed: 03/12/2026						
Iron	0.036	0.30	mg/L							
LCS (2603089-BS1)				Prepared: 03/06/2026 Analyzed: 03/12/2026						
Iron	1.2	0.30	mg/L	1.111		105	85-115			
LCS Dup (2603089-BSD1)				Prepared: 03/06/2026 Analyzed: 03/12/2026						
Iron	1.2	0.30	mg/L	1.111		107	85-115	2	20	
Matrix Spike (2603089-MS1)	**Source: 26B0489-01**			Prepared: 03/06/2026 Analyzed: 03/12/2026						
Iron	1.6	0.30	mg/L	1.111	0.50	101	70-130			
Matrix Spike (2603089-MS2)	**Source: 26B0492-01**			Prepared: 03/06/2026 Analyzed: 03/12/2026						
Iron	2.5	0.30	mg/L	1.111	1.3	108	70-130			
Batch 2604098 - E200.8 (5.4)										
Blank (2604098-BLK1)				Prepared & Analyzed: 04/10/2026						
Uranium	ND	0.00050	mg/L							
LCS (2604098-BS1)				Prepared & Analyzed: 04/10/2026						
Uranium	0.054	0.00050	mg/L	0.05000		109	85-115			
LCS Dup (2604098-BSD1)				Prepared & Analyzed: 04/10/2026						
Uranium	0.055	0.00050	mg/L	0.05000		109	85-115	0.4	20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604098 - E200.8 (5.4)										
Matrix Spike (2604098-MS1)		**Source: 26C0791-01**		Prepared & Analyzed: 04/10/2026						
Uranium	0.084	0.00050	mg/L	0.05000	0.0072	153	70-130			M1
Matrix Spike (2604098-MS2)		**Source: 26D0011-03**		Prepared & Analyzed: 04/10/2026						
Uranium	0.075	0.00050	mg/L	0.05000	0.00031	149	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602229 - SM4500-CN BE										
Blank (2602229-BLK1)				Prepared & Analyzed: 02/23/2026						
Cyanide	ND	0.10	mg/L							
LCS (2602229-BS1)				Prepared & Analyzed: 02/23/2026						
Cyanide	1.9	0.10	mg/L	2.000		94	85-115			
LCS Dup (2602229-BSD1)				Prepared & Analyzed: 02/23/2026						
Cyanide	1.9	0.10	mg/L	2.000		96	85-115	3	15	
Matrix Spike (2602229-MS1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/23/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	96	80-120			
Matrix Spike Dup (2602229-MSD1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/23/2026						
Cyanide	2.0	0.10	mg/L	2.000	ND	99	80-120	4	15	
Batch 2602236 - SM2540 C										
Duplicate (2602236-DUP1)		**Source: 26B0539-01**		Prepared: 02/24/2026 Analyzed: 02/25/2026						
Total Dissolved Solids (Residue, Filterable)	470	20	mg/L		470			0.4	5	
Duplicate (2602236-DUP2)		**Source: 26B0600-01**		Prepared: 02/24/2026 Analyzed: 02/25/2026						
Total Dissolved Solids (Residue, Filterable)	250	20	mg/L		260			0.8	5	
Batch 2602274 - EPA 351.2										
Blank (2602274-BLK1)				Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	ND	0.50	mg/L							
LCS (2602274-BS1)				Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.3	0.50	mg/L	5.000		106	80-120			
LCS Dup (2602274-BSD1)				Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000		104	80-120	2	20	
Matrix Spike (2602274-MS1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120			
Matrix Spike (2602274-MS2)		**Source: 26B0617-02**		Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120			
Matrix Spike Dup (2602274-MSD1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	6.1	0.50	mg/L	5.000	ND	122	80-120	15	20	M1
Matrix Spike Dup (2602274-MSD2)		**Source: 26B0617-02**		Prepared & Analyzed: 02/26/2026						
Nitrogen, Total Kjeldahl	5.2	0.50	mg/L	5.000	ND	104	80-120	0.4	20	
Batch 2602288 - SM 4500-NH3 B, F										
Blank (2602288-BLK1)				Prepared & Analyzed: 02/27/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2602288-BS1)				Prepared & Analyzed: 02/27/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		105	85-115			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602288 - SM 4500-NH3 B, F										
LCS Dup (2602288-BSD1)				Prepared & Analyzed: 02/27/2026						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500		106	85-115	1	10	
Matrix Spike (2602288-MS1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/27/2026						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500	ND	96	80-120			
Matrix Spike Dup (2602288-MSD1)		**Source: 26B0497-05**		Prepared & Analyzed: 02/27/2026						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500	ND	99	80-120	2	20	
Batch 2603026 - SM2320B										
Blank (2603026-BLK1)				Prepared & Analyzed: 03/02/2026						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2603026-BS1)				Prepared & Analyzed: 03/02/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		101	90-110			
LCS Dup (2603026-BSD1)				Prepared & Analyzed: 03/02/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		100	90-110	0.8	10	
Matrix Spike (2603026-MS1)		**Source: 26B0497-05**		Prepared & Analyzed: 03/02/2026						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	16	98	70-130			
Matrix Spike Dup (2603026-MSD1)		**Source: 26B0497-05**		Prepared & Analyzed: 03/02/2026						
Alkalinity, Total (As CaCO3)	270	2.0	mg/L	250.0	16	100	70-130	2	10	
Batch 2603041 - SM4500-H+ B										
Duplicate (2603041-DUP1)		**Source: 26B0590-02**		Prepared & Analyzed: 03/09/2026						
pH (pH Units)	7.6		-		7.6			0	200	
Temperature (°C)	21		-		21			1	200	
Duplicate (2603041-DUP2)		**Source: 26B0683-06**		Prepared & Analyzed: 03/09/2026						
pH (pH Units)	7.6		-		7.6			0.1	200	
Temperature (°C)	21		-		20			1	200	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602178 - SW8260B										
Blank (2602178-BLK1)				Prepared & Analyzed: 02/17/2026						
Benzene	0.10	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.27	0.50	ug/L							
Toluene	0.070	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*22.6*		*ug/L*	*25.00*		*90*	*70-130*			
Surrogate: Dibromofluoromethane	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
Blank (2602178-BLK2)				Prepared: 02/17/2026 Analyzed: 02/18/2026						
Benzene	ND	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.26	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*25.2*		*ug/L*	*25.00*		*101*	*70-130*			
LCS (2602178-BS1)				Prepared & Analyzed: 02/17/2026						
1,1-Dichloroethene	22		ug/L	25.00		86	70-130			
Benzene	25		ug/L	25.00		101	70-130			
Chlorobenzene	28		ug/L	25.00		112	70-130			
Toluene	26		ug/L	25.00		103	70-130			
Trichloroethene	25		ug/L	25.00		99	70-130			
Surrogate: 4-Bromofluorobenzene	*21.7*		*ug/L*	*25.00*		*87*	*70-130*			
Surrogate: Dibromofluoromethane	*22.3*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Toluene-d8	*22.3*		*ug/L*	*25.00*		*89*	*70-130*			
LCS (2602178-BS2)				Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	23		ug/L	25.00		93	70-130			
Benzene	28		ug/L	25.00		112	70-130			
Chlorobenzene	30		ug/L	25.00		120	70-130			
Toluene	28		ug/L	25.00		114	70-130			
Trichloroethene	26		ug/L	25.00		103	70-130			
Surrogate: 4-Bromofluorobenzene	*21.4*		*ug/L*	*25.00*		*86*	*70-130*			
Surrogate: Dibromofluoromethane	*23.3*		*ug/L*	*25.00*		*93*	*70-130*			
Surrogate: Toluene-d8	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
LCS Dup (2602178-BSD1)				Prepared & Analyzed: 02/17/2026						
1,1-Dichloroethene	23		ug/L	25.00		92	70-130	6	30	
Benzene	27		ug/L	25.00		108	70-130	6	30	
Chlorobenzene	30		ug/L	25.00		119	70-130	6	30	
Toluene	28		ug/L	25.00		110	70-130	7	30	
Trichloroethene	27		ug/L	25.00		106	70-130	6	30	
Surrogate: 4-Bromofluorobenzene	*22.1*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*23.6*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*23.7*		*ug/L*	*25.00*		*95*	*70-130*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602178 - SW8260B										
LCS Dup (2602178-BSD2)				Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	24		ug/L	25.00		96	70-130	3	30	
Benzene	29		ug/L	25.00		117	70-130	4	30	
Chlorobenzene	32		ug/L	25.00		127	70-130	5	30	
Toluene	30		ug/L	25.00		120	70-130	5	30	
Trichloroethene	27		ug/L	25.00		108	70-130	5	30	
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Dibromofluoromethane	*24.2*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*24.9*		*ug/L*	*25.00*		*99*	*70-130*			
Matrix Spike (2602178-MS1)		**Source: 26B0429-01**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	87	70-130			
Benzene	27		ug/L	25.00	0.010	108	70-130			
Chlorobenzene	29		ug/L	25.00	0.020	116	70-130			
Toluene	28		ug/L	25.00	0.050	110	70-130			
Trichloroethene	26		ug/L	25.00	0.020	103	70-130			
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/L*	*25.00*		*89*	*70-130*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/L*	*25.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*24.3*		*ug/L*	*25.00*		*97*	*70-130*			
Matrix Spike (2602178-MS2)		**Source: 26B0497-01**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	89	70-130			
Benzene	28		ug/L	25.00	0.010	110	70-130			
Chlorobenzene	29		ug/L	25.00	0.010	117	70-130			
Toluene	27		ug/L	25.00	0.020	109	70-130			
Trichloroethene	25		ug/L	25.00	0.020	101	70-130			
Surrogate: 4-Bromofluorobenzene	*21.3*		*ug/L*	*25.00*		*85*	*70-130*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*23.1*		*ug/L*	*25.00*		*92*	*70-130*			
Matrix Spike (2602178-MS3)		**Source: 26B0538-02**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	89	70-130			
Benzene	27		ug/L	25.00	0.0	110	70-130			
Chlorobenzene	29		ug/L	25.00	0.0	115	70-130			
Toluene	27		ug/L	25.00	0.0	107	70-130			
Trichloroethene	26		ug/L	25.00	0.0	102	70-130			
Surrogate: 4-Bromofluorobenzene	*20.5*		*ug/L*	*25.00*		*82*	*70-130*			
Surrogate: Dibromofluoromethane	*23.4*		*ug/L*	*25.00*		*94*	*70-130*			
Surrogate: Toluene-d8	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Matrix Spike Dup (2602178-MSD1)		**Source: 26B0429-01**		Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	89	70-130	2	30	
Benzene	28		ug/L	25.00	0.010	111	70-130	2	30	
Chlorobenzene	30		ug/L	25.00	0.020	119	70-130	3	30	
Toluene	27		ug/L	25.00	0.050	110	70-130	0.6	30	
Trichloroethene	26		ug/L	25.00	0.020	103	70-130	0.7	30	
Surrogate: 4-Bromofluorobenzene	*21.2*		*ug/L*	*25.00*		*85*	*70-130*			
Surrogate: Dibromofluoromethane	*24.2*		*ug/L*	*25.00*		*97*	*70-130*			
Surrogate: Toluene-d8	*23.0*		*ug/L*	*25.00*		*92*	*70-130*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602178 - SW8260B										
Matrix Spike Dup (2602178-MSD2)	**Source: 26B0497-01**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	22		ug/L	25.00	0.010	88	70-130	2	30	
Benzene	27		ug/L	25.00	0.010	108	70-130	2	30	
Chlorobenzene	29		ug/L	25.00	0.010	115	70-130	2	30	
Toluene	27		ug/L	25.00	0.020	108	70-130	0.2	30	
Trichloroethene	25		ug/L	25.00	0.020	98	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*21.4*		*ug/L*	*25.00*		*85*	*70-130*			
Surrogate: Dibromofluoromethane	*23.9*		*ug/L*	*25.00*		*96*	*70-130*			
Surrogate: Toluene-d8	*23.3*		*ug/L*	*25.00*		*93*	*70-130*			
Matrix Spike Dup (2602178-MSD3)	**Source: 26B0538-02**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
1,1-Dichloroethene	21		ug/L	25.00	0.010	86	70-130	4	30	
Benzene	26		ug/L	25.00	0.0	105	70-130	4	30	
Chlorobenzene	29		ug/L	25.00	0.0	116	70-130	0.6	30	
Toluene	27		ug/L	25.00	0.0	107	70-130	0.3	30	
Trichloroethene	25		ug/L	25.00	0.0	99	70-130	4	30	
Surrogate: 4-Bromofluorobenzene	*21.9*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*24.7*		*ug/L*	*25.00*		*99*	*70-130*			
Surrogate: Toluene-d8	*23.7*		*ug/L*	*25.00*		*95*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0524
Date Received: 02/17/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602191 - EPA 300.0 (2.1)										
Blank (2602191-BLK1)				Prepared & Analyzed: 02/17/2026						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2602191-BS1)				Prepared & Analyzed: 02/17/2026						
Chloride	12	1.0	mg/L	12.50		96	90-110			
Fluoride	2.1	0.50	mg/L	2.000		105	90-110			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000		99	90-110			
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500		92	90-110			
Sulfate	12	5.0	mg/L	12.50		99	90-110			
LCS Dup (2602191-BSD1)				Prepared & Analyzed: 02/17/2026						
Chloride	12	1.0	mg/L	12.50		96	90-110	0.09	10	
Fluoride	2.1	0.50	mg/L	2.000		107	90-110	2	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000		99	90-110	0.02	10	
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500		92	90-110	0.4	10	
Sulfate	12	5.0	mg/L	12.50		99	90-110	0.2	10	
Matrix Spike (2602191-MS1)	**Source: 26B0497-01**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
Chloride	23	1.0	mg/L	12.50	10	102	80-120			
Fluoride	2.7	0.50	mg/L	2.000	1.2	80	80-120			M2
Nitrogen, Nitrate (As N)	6.5	0.50	mg/L	5.000	1.6	99	80-120			
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	92	80-120			
Sulfate	74	5.0	mg/L	12.50	66	66	80-120			M2
Matrix Spike (2602191-MS2)	**Source: 26B0497-02**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
Chloride	24	1.0	mg/L	12.50	11	103	80-120			
Fluoride	3.1	0.50	mg/L	2.000	1.4	86	80-120			
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.50	97	80-120			
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	93	80-120			
Sulfate	26	5.0	mg/L	12.50	16	77	80-120			M2
Matrix Spike (2602191-MS3)	**Source: 26B0497-05**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
Chloride	12	1.0	mg/L	12.50	ND	97	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	100	80-120			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	101	80-120			
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	93	80-120			
Sulfate	12	5.0	mg/L	12.50	ND	99	80-120			
Matrix Spike Dup (2602191-MSD1)	**Source: 26B0497-01**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
Chloride	23	1.0	mg/L	12.50	10	102	80-120	0.2	10	
Fluoride	2.8	0.50	mg/L	2.000	1.2	82	80-120	2	10	
Nitrogen, Nitrate (As N)	6.5	0.50	mg/L	5.000	1.6	99	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	93	80-120	0.5	10	
Sulfate	74	5.0	mg/L	12.50	66	66	80-120	0.02	10	M2

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26B0524
Date Received: 02/17/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2602191 - EPA 300.0 (2.1)										
Matrix Spike Dup (2602191-MSD2)	**Source: 26B0497-02**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
Chloride	24	1.0	mg/L	12.50	11	103	80-120	0.1	10	
Fluoride	3.1	0.50	mg/L	2.000	1.4	86	80-120	0.3	10	
Nitrogen, Nitrate (As N)	5.4	0.50	mg/L	5.000	0.50	98	80-120	0.1	10	
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	93	80-120	0.09	10	
Sulfate	26	5.0	mg/L	12.50	16	77	80-120	0.08	10	M2
Matrix Spike Dup (2602191-MSD3)	**Source: 26B0497-05**			Prepared: 02/17/2026 Analyzed: 02/18/2026						
Chloride	12	1.0	mg/L	12.50	ND	97	80-120	0.5	10	
Fluoride	2.0	0.50	mg/L	2.000	ND	100	80-120	0.3	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	100	80-120	0.7	10	
Nitrogen, Nitrite (As N)	2.3	0.10	mg/L	2.500	ND	93	80-120	0.8	10	
Sulfate	12	5.0	mg/L	12.50	ND	99	80-120	0.4	10	

TURNER LABORATORIES INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 1705C24 DATE 2/17/17 PAGE 1 OF 1

PROJECT NAME [illegible] # _____
CONTACT NAME TJ Reiss
COMPANY NAME Copper World
ADDRESS 9945 E [illegible]
ZIP Tucson, AZ PHONE _____ EMAIL _____
SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS
POC-7	2/16/17	14:30		GW	9

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

Base Neutrals 625/8270 ☐ Acids ☐ | Volatile Organics ☐ 624 ☐ 524.2 ☐ TTHMS ☐ 8260 ☐ HAAS ☐ | Chloride ☐ Sulfate ☐ Resistivity ☐ | NO_3 ☐ NO_2 ☐ TKN ☐ | TPH ☐ 1664 ☐ Oil & Grease ☐ | VOA ☐ TCLP Analysis SemiVOA ☐ Pest. ☐ | TCLP ☐ Dissolved ☐ Metals Total ☐ RCRA8 ☐ | Total ☐ Cyanide Amen. ☐ WAD ☐ | SDWA-INORGANICS PRIMARY ☐ SECONDARY ☐ | MPN ☐ Coliform PIA ☐ Fecal ☐ | pH ☐ O_2 ☐ CO_2 ☐ Turb ☐ | COD ☐ TSS ☐ BOD ☐ | 6+ Point

1. RELINQUISHED BY:
Signature: A. Colmenero
Printed Name: Alejandro Colmenero
Firm: PITAG
Date/Time: 2/16/2017 17:58

2. RECEIVED BY:
Signature: _____
Printed Name: _____
Firm: _____
Date/Time: _____

TURNAROUND REQUIREMENTS:
____ Standard (approx. 10 days)*
____ Next Day ____ 2 Day ____ 5 Day*
____ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
____ I. Routine Report
____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
____ III. Data Validation Report (Includes All Raw Data) Add 10% to invoice

INVOICE INFORMATION:
Account ____ Y ____ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers 9
Temperature 1.9
☑ Wet Ice ☐ Ambient ☐ Blue Ice
IR # 45

3. RELINQUISHED BY:
Signature: _____
Printed Name: _____
Firm: _____
Date/Time: _____

4. RECEIVED BY:
Signature: Heather Tilden
Printed Name: Heather Tilden
Firm: TURNER LABORATORIES, INC.
Date/Time: 2/17/17 1358

* LEGEND SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No		Custody Seals ☐	Preservation Confirmation ☑
ADEQ Forms: ☐ Yes ☐ No		Container Intact ☑	Appropriate Head Space ☑
Mail ADEQ Forms: ☐ Yes ☐ No		COC / Labels Agree ☑	Received Within Hold Time ☑

SPECIAL INSTRUCTIONS/COMMENTS:
acolmenero@pitaq.com

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 17, 2026
Sample Received: February 20, 2026
Analysis Completed: March 09, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Gross Beta Activity Method 900.0 (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26B0524-01	3.9 ± 0.5	1.8 ± 0.5	2.1 ± 0.7	8.7 ± 1.4	< 0.5	1.2 ± 0.3	1.2 ± 0.3

Analysis Date/Time	2/25/2026	2/26/2026	2/26/2026	2/28/2026	3/7/2026	3/7/2026	3/7/2026
	21:08	15:48	15:48	3:50	7:49	7:49	7:49

Robert L. Metzger, Ph.D., C.H.P. — March 9, 2026 (Date)

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: February 17, 2026
Sample Received: February 20, 2026
Uranium Analysis Date: February 26, 2026
Uranium Analysis Time: 15:48

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26B0524-01	0.6 ± 0.2	0.026 ± 0.001	1.2 ± 0.3	1.8 ± 0.5	Activity (pCi/L)
	1.7 ± 0.6	0.012 ± 0.001	0.00020 ± 0.00004	1.7 ± 0.6	Content (µg/L)
	Comments:				

March 9, 2026

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 17, 2026 (Sample Date) 11:33 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	2/26/2026	2.1 ± 0.7		
EPA 00-02		3 pCi/L	Gross Alpha	4002	2/25/2026	3.9 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	2/26/2026	1.7 ± 0.6	µg/L	
			Uranium 234	4007	2/26/2026	0.00020 ± 0.00004		
			Uranium 235	4008	2/26/2026	0.012 ± 0.001		
			Uranium 238	4009	2/26/2026	1.7 ± 0.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	3/7/2026	1.2 ± 0.3		
GammaRay HPGE		1 pCi/L	Radium 226	4020	3/7/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	3/7/2026	1.2 ± 0.3		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79413

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0524-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

February 17, 2026 (Sample Date) 11:33 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result	Exceed MCL
900	4 mrem	4 pCi/L	Gross Beta	4100	2/28/2026	< 4 mrem	
906	20,000 pCi/L	1,000 pCi/L	Tritium	4102			
		10 pCi/L	Strontium-89	4172			
	8 pCi/L	2 pCi/L	Strontium-90	4174			
		1 pCi/L	Iodine-131	4264			
		10 pCi/L	Cesium-134	4270			

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79413

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26B0524-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6A: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26B0524

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26B0524-01 Non-Potable Wa Sampled:02/17/2026 11:33			
Radiochemistry, Uranium	08/16/2026 11:33		
Radiochemistry, Radium 226/228	03/19/2026 11:33		
Radiochemistry, Gross Alpha Beta	08/16/2026 11:33		
Containers Supplied			

79413

Khyler Felder 2/19/26 1600 UPS 2/19/26 1600
Released By Date Received By Date

MS 2/20/26 12:35
Released By Date Received By Date

April 28, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 26D0386

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 2 sample(s) on 04/13/2026 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0386
Date Received: 04/13/2026

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
26D0386-01	POC - 03	Ground Water	04/13/2026 1240
26D0386-02	POC - 04	Ground Water	04/13/2026 1105

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0386
Date Received: 04/13/2026

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
U	Analyte included in the analysis, but not detected
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0386
Lab Sample ID: 26D0386-01

Client Sample ID: POC - 03
Collection Date/Time: 04/13/2026 1240
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	04/14/2026 0800	04/14/2026 1715	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.18	0.022	0.33	E4	mg/L	1	04/14/2026 0822	04/17/2026 1353	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0066	0.000015	0.00050		mg/L	1	04/14/2026 1624	04/14/2026 1636	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	110	0.14	4.4	M2	mg/L	1	04/19/2026 0937	04/20/2026 1557	RAR
Magnesium	33	0.12	3.3		mg/L	1	04/19/2026 0937	04/20/2026 1557	RAR
Potassium	5.3	0.16	5.6	E4	mg/L	1	04/19/2026 0937	04/20/2026 1557	RAR
Sodium	38	0.65	5.6	M2	mg/L	1	04/19/2026 0937	04/20/2026 1557	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Antimony	0.00038	0.000039	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Arsenic	0.0067	0.00010	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Barium	0.069	0.000029	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Beryllium	0.000025	0.000013	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Chromium	0.00020	0.000023	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Cobalt	0.00010	0.000010	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Copper	0.0010	0.00015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Lead	0.000065	0.000057	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Manganese	0.0019	0.000038	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Molybdenum	0.14	0.000025	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Nickel	0.0012	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Selenium	0.0021	0.00025	0.0025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Thallium	0.000042	0.000023	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
Uranium	0.0070	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/23/2026 1435	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0386
Lab Sample ID: 26D0386-01

Client Sample ID: POC - 03
Collection Date/Time: 04/13/2026 1240
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.013	0.0023	0.040	E4	mg/L	1	04/22/2026 1540	04/22/2026 1824	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	04/15/2026 0823	04/16/2026 1538	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	27	1.5	2.0		mg/L	2	04/14/2026 0800	04/21/2026 0149	SS
Fluoride	1.4	0.18	0.50		mg/L	1	04/14/2026 0800	04/14/2026 1715	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	04/14/2026 0800	04/14/2026 1715	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	04/14/2026 0800	04/14/2026 1715	SS
Sulfate	190	5.6	10		mg/L	2	04/14/2026 0800	04/21/2026 0149	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	ND	0.30	0.50	E8	mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	04/14/2026 0936	04/15/2026 1356	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Total (As CaCO3)	230	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	610	20	20		mg/L	1	04/14/2026 0921	04/20/2026 0830	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	04/15/2026 0930	04/16/2026 1547	SJS
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0386
Lab Sample ID: 26D0386-01

Client Sample ID: POC - 03
Collection Date/Time: 04/13/2026 1240
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.2			H5	-	1	04/14/2026 1452	04/14/2026 1500	IM
Temperature (°C)	20			H5	-	1	04/14/2026 1452	04/14/2026 1500	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	04/20/2026 1000	04/20/2026 1939	ES
Carbon disulfide	0.41	0.11	2.0	E4, V1	ug/L	1	04/20/2026 1000	04/20/2026 1939	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	04/20/2026 1000	04/20/2026 1939	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	04/20/2026 1000	04/20/2026 1939	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	04/20/2026 1000	04/20/2026 1939	ES
Surr: 4-Bromofluorobenzene	*135*	*70-130*	*S11*		*%REC*	*1*	*04/20/2026 1000*	*04/20/2026 1939*	*ES*
Surr: Dibromofluoromethane	*99*	*70-130*			*%REC*	*1*	*04/20/2026 1000*	*04/20/2026 1939*	*ES*
Surr: Toluene-d8	*112*	*70-130*			*%REC*	*1*	*04/20/2026 1000*	*04/20/2026 1939*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0386
Lab Sample ID: 26D0386-02

Client Sample ID: POC - 04
Collection Date/Time: 04/13/2026 1105
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	5.2	0.58	1.1		mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	04/14/2026 0800	04/14/2026 1738	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.26	0.022	0.33	E4	mg/L	1	04/14/2026 0822	04/17/2026 1356	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.018	0.000015	0.00050		mg/L	1	04/14/2026 1624	04/14/2026 1642	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	65	0.14	4.4	M2	mg/L	1	04/19/2026 0937	04/20/2026 1603	RAR
Magnesium	20	0.12	3.3		mg/L	1	04/19/2026 0937	04/20/2026 1603	RAR
Potassium	6.0	0.16	5.6		mg/L	1	04/19/2026 0937	04/20/2026 1603	RAR
Sodium	50	0.65	5.6	M2	mg/L	1	04/19/2026 0937	04/20/2026 1603	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Arsenic	0.0036	0.00010	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Barium	0.057	0.000029	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Beryllium	0.000018	0.000013	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Chromium	0.00022	0.000023	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Cobalt	0.00032	0.000010	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Copper	0.0011	0.00015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Manganese	0.46	0.000038	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Molybdenum	0.073	0.000025	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Nickel	0.00099	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Selenium	0.0012	0.00025	0.0025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR
Uranium	0.019	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/23/2026 1439	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1827	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0386
Lab Sample ID: 26D0386-02

Client Sample ID: POC - 04
Collection Date/Time: 04/13/2026 1105
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	04/15/2026 0823	04/16/2026 1540	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	25	1.5	2.0		mg/L	2	04/14/2026 0800	04/21/2026 0237	SS
Fluoride	2.8	0.18	0.50		mg/L	1	04/14/2026 0800	04/14/2026 1738	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	04/14/2026 0800	04/14/2026 1738	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	04/14/2026 0800	04/14/2026 1738	SS
Sulfate	98	2.8	5.0		mg/L	1	04/14/2026 0800	04/14/2026 1738	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	5.2	0.30	0.50		mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E4	mg/L	1	04/14/2026 0936	04/15/2026 1356	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Total (As CaCO3)	230	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	440	20	20		mg/L	1	04/14/2026 0921	04/20/2026 0830	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	04/15/2026 0930	04/16/2026 1547	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.4			H5	-	1	04/14/2026 1452	04/14/2026 1502	IM
Temperature (°C)	21			H5	-	1	04/14/2026 1452	04/14/2026 1502	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0386
Lab Sample ID: 26D0386-02

Client Sample ID: POC - 04
Collection Date/Time: 04/13/2026 1105
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	04/20/2026 1000	04/20/2026 2014	ES
Carbon disulfide	0.58	0.11	2.0	E4, V1	ug/L	1	04/20/2026 1000	04/20/2026 2014	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	04/20/2026 1000	04/20/2026 2014	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	04/20/2026 1000	04/20/2026 2014	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	04/20/2026 1000	04/20/2026 2014	ES
Surr: 4-Bromofluorobenzene	*135*	*70-130*	*S11*		*%REC*	*1*	*04/20/2026 1000*	*04/20/2026 2014*	*ES*
Surr: Dibromofluoromethane	*101*	*70-130*			*%REC*	*1*	*04/20/2026 1000*	*04/20/2026 2014*	*ES*
Surr: Toluene-d8	*111*	*70-130*			*%REC*	*1*	*04/20/2026 1000*	*04/20/2026 2014*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0386
Date Received: 04/13/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604105 - E200.8 (5.4)										
Blank (2604105-BLK1)				Prepared & Analyzed: 04/14/2026						
Uranium	0.000021	0.00050	mg/L							
LCS (2604105-BS1)				Prepared & Analyzed: 04/14/2026						
Uranium	0.052	0.00050	mg/L	0.05000		105	85-115			
LCS Dup (2604105-BSD1)				Prepared & Analyzed: 04/14/2026						
Uranium	0.053	0.00050	mg/L	0.05000		105	85-115	0.3	20	
Matrix Spike (2604105-MS1)		**Source: 26D0386-01**		Prepared & Analyzed: 04/14/2026						
Uranium	0.057	0.00050	mg/L	0.05000	0.0066	100	70-130			
Batch 2604120 - E200.7 (4.4)										
Blank (2604120-BLK1)				Prepared: 04/14/2026 Analyzed: 04/17/2026						
Iron	ND	0.30	mg/L							
LCS (2604120-BS1)				Prepared: 04/14/2026 Analyzed: 04/17/2026						
Iron	1.1	0.30	mg/L	1.000		105	85-115			
LCS Dup (2604120-BSD1)				Prepared: 04/14/2026 Analyzed: 04/17/2026						
Iron	1.0	0.30	mg/L	1.000		102	85-115	4	20	
Matrix Spike (2604120-MS1)		**Source: 26D0085-01**		Prepared: 04/14/2026 Analyzed: 04/17/2026						
Iron	1.6	0.30	mg/L	1.000	0.65	94	70-130			
Matrix Spike (2604120-MS2)		**Source: 26D0088-01**		Prepared: 04/14/2026 Analyzed: 04/17/2026						
Iron	1.5	0.30	mg/L	1.000	0.40	111	70-130			
Batch 2604131 - EPA 245.1										
Blank (2604131-BLK1)				Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	ND	0.0010	mg/L							
LCS (2604131-BS1)				Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	0.0048	0.0010	mg/L	0.005000		97	85-115			
LCS Dup (2604131-BSD1)				Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	0.0049	0.0010	mg/L	0.005000		97	85-115	0.2	20	
Matrix Spike (2604131-MS1)		**Source: 26D0209-01**		Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	91	70-130			
Matrix Spike (2604131-MS2)		**Source: 26D0209-02**		Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	0.0044	0.0010	mg/L	0.005000	ND	88	70-130			
Matrix Spike Dup (2604131-MSD1)		**Source: 26D0209-01**		Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	92	70-130	0.8	20	
Matrix Spike Dup (2604131-MSD2)		**Source: 26D0209-02**		Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	0.0044	0.0010	mg/L	0.005000	ND	87	70-130	0.6	20	
Batch 2604163 - EPA 200.7 (4.4)										

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0386
Date Received: 04/13/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604163 - EPA 200.7 (4.4)										
Blank (2604163-BLK1)				Prepared: 04/19/2026 Analyzed: 04/20/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.1	5.0	mg/L							
LCS (2604163-BS1)				Prepared: 04/19/2026 Analyzed: 04/20/2026						
Calcium	10	4.0	mg/L	10.00		101	85-115			
Magnesium	10	3.0	mg/L	10.00		100	85-115			
Potassium	9.9	5.0	mg/L	10.00		99	85-115			
Sodium	10	5.0	mg/L	10.00		103	85-115			
LCS Dup (2604163-BSD1)				Prepared: 04/19/2026 Analyzed: 04/20/2026						
Calcium	10	4.0	mg/L	10.00		101	85-115	0.03	20	
Magnesium	10	3.0	mg/L	10.00		100	85-115	0.4	20	
Potassium	9.8	5.0	mg/L	10.00		98	85-115	1	20	
Sodium	10	5.0	mg/L	10.00		102	85-115	1	20	
Matrix Spike (2604163-MS1)		**Source: 26D0386-01**		Prepared: 04/19/2026 Analyzed: 04/20/2026						
Calcium	100	4.0	mg/L	10.00	110	NR	70-130			M2
Magnesium	41	3.0	mg/L	10.00	33	85	70-130			
Potassium	17	5.0	mg/L	10.00	5.3	119	70-130			
Sodium	45	5.0	mg/L	10.00	38	63	70-130			M2
Matrix Spike (2604163-MS2)		**Source: 26D0386-02**		Prepared: 04/19/2026 Analyzed: 04/20/2026						
Calcium	69	4.0	mg/L	10.00	65	38	70-130			M2
Magnesium	29	3.0	mg/L	10.00	20	94	70-130			
Potassium	18	5.0	mg/L	10.00	6.0	115	70-130			
Sodium	55	5.0	mg/L	10.00	50	51	70-130			M2
Batch 2604202 - EPA 200.8 (5.4)										
Blank (2604202-BLK1)				Prepared & Analyzed: 04/22/2026						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	0.000077	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0386
Date Received: 04/13/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604202 - EPA 200.8 (5.4)										
LCS (2604202-BS1)				Prepared & Analyzed: 04/22/2026						
Aluminum	0.10	0.040	mg/L	0.1000		100	85-115			
Antimony	0.054	0.00050	mg/L	0.05000		108	85-115			
Arsenic	0.053	0.00050	mg/L	0.05000		105	85-115			
Barium	0.053	0.00050	mg/L	0.05000		106	85-115			
Beryllium	0.053	0.00025	mg/L	0.05000		106	85-115			
Cadmium	0.053	0.00025	mg/L	0.05000		106	85-115			
Chromium	0.053	0.00050	mg/L	0.05000		107	85-115			
Cobalt	0.053	0.00025	mg/L	0.05000		106	85-115			
Copper	0.053	0.00050	mg/L	0.05000		106	85-115			
Lead	0.053	0.00050	mg/L	0.05000		106	85-115			
Manganese	0.053	0.00025	mg/L	0.05000		106	85-115			
Molybdenum	0.053	0.00025	mg/L	0.05000		106	85-115			
Nickel	0.052	0.00050	mg/L	0.05000		104	85-115			
Selenium	0.053	0.0025	mg/L	0.05000		107	85-115			
Thallium	0.052	0.00050	mg/L	0.05000		105	85-115			
Uranium	0.054	0.00050	mg/L	0.05000		107	85-115			
Zinc	0.11	0.040	mg/L	0.1000		108	85-115			
LCS Dup (2604202-BSD1)				Prepared & Analyzed: 04/22/2026						
Aluminum	0.099	0.040	mg/L	0.1000		99	85-115	0.3	20	
Antimony	0.054	0.00050	mg/L	0.05000		108	85-115	0.3	20	
Arsenic	0.053	0.00050	mg/L	0.05000		105	85-115	0.1	20	
Barium	0.053	0.00050	mg/L	0.05000		105	85-115	1	20	
Beryllium	0.053	0.00025	mg/L	0.05000		106	85-115	0.3	20	
Cadmium	0.053	0.00025	mg/L	0.05000		106	85-115	0.04	20	
Chromium	0.053	0.00050	mg/L	0.05000		105	85-115	2	20	
Cobalt	0.052	0.00025	mg/L	0.05000		105	85-115	1	20	
Copper	0.052	0.00050	mg/L	0.05000		104	85-115	2	20	
Lead	0.053	0.00050	mg/L	0.05000		105	85-115	0.8	20	
Manganese	0.053	0.00025	mg/L	0.05000		106	85-115	0.7	20	
Molybdenum	0.053	0.00025	mg/L	0.05000		105	85-115	0.9	20	
Nickel	0.052	0.00050	mg/L	0.05000		104	85-115	0.6	20	
Selenium	0.053	0.0025	mg/L	0.05000		105	85-115	1	20	
Thallium	0.052	0.00050	mg/L	0.05000		103	85-115	1	20	
Uranium	0.054	0.00050	mg/L	0.05000		109	85-115	1	20	
Zinc	0.11	0.040	mg/L	0.1000		107	85-115	0.5	20	

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0386
Date Received: 04/13/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604202 - EPA 200.8 (5.4)										
Matrix Spike (2604202-MS1)	**Source: 26D0324-01**			Prepared & Analyzed: 04/22/2026						
Aluminum	0.091	0.040	mg/L	0.1000	ND	91	70-130			
Antimony	0.049	0.00050	mg/L	0.05000	0.000043	98	70-130			
Arsenic	0.049	0.00050	mg/L	0.05000	0.00028	97	70-130			
Barium	0.050	0.00050	mg/L	0.05000	0.0017	96	70-130			
Beryllium	0.046	0.00025	mg/L	0.05000	0.000038	93	70-130			
Cadmium	0.045	0.00025	mg/L	0.05000	ND	89	70-130			
Chromium	0.047	0.00050	mg/L	0.05000	0.0022	89	70-130			
Cobalt	0.044	0.00025	mg/L	0.05000	0.000067	87	70-130			
Copper	0.050	0.00050	mg/L	0.05000	0.0092	82	70-130			
Lead	0.048	0.00050	mg/L	0.05000	0.00041	96	70-130			
Manganese	0.045	0.00025	mg/L	0.05000	0.00084	88	70-130			
Molybdenum	0.16	0.00025	mg/L	0.05000	0.10	104	70-130			
Nickel	0.042	0.00050	mg/L	0.05000	0.00045	83	70-130			
Selenium	0.052	0.0025	mg/L	0.05000	0.0022	99	70-130			
Thallium	0.047	0.00050	mg/L	0.05000	0.000030	94	70-130			
Uranium	0.049	0.00050	mg/L	0.05000	0.00025	98	70-130			
Zinc	0.10	0.040	mg/L	0.1000	0.0039	96	70-130			
Matrix Spike (2604202-MS2)	**Source: 26D0324-02**			Prepared & Analyzed: 04/22/2026						
Aluminum	0.087	0.040	mg/L	0.1000	ND	87	70-130			
Antimony	0.047	0.00050	mg/L	0.05000	ND	93	70-130			
Arsenic	0.047	0.00050	mg/L	0.05000	0.00012	94	70-130			
Barium	0.047	0.00050	mg/L	0.05000	0.0019	90	70-130			
Beryllium	0.044	0.00025	mg/L	0.05000	0.000027	88	70-130			
Cadmium	0.043	0.00025	mg/L	0.05000	ND	85	70-130			
Chromium	0.044	0.00050	mg/L	0.05000	0.0023	84	70-130			
Cobalt	0.041	0.00025	mg/L	0.05000	0.000065	82	70-130			
Copper	0.047	0.00050	mg/L	0.05000	0.0092	76	70-130			
Lead	0.045	0.00050	mg/L	0.05000	0.00025	90	70-130			
Manganese	0.042	0.00025	mg/L	0.05000	0.00094	83	70-130			
Molybdenum	0.15	0.00025	mg/L	0.05000	0.11	91	70-130			
Nickel	0.040	0.00050	mg/L	0.05000	0.00036	79	70-130			
Selenium	0.052	0.0025	mg/L	0.05000	0.0022	99	70-130			
Thallium	0.044	0.00050	mg/L	0.05000	0.000026	88	70-130			
Uranium	0.050	0.00050	mg/L	0.05000	0.00026	100	70-130			
Zinc	0.11	0.040	mg/L	0.1000	0.014	94	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604121 - SM 4500-NH3 B, F										
Blank (2604121-BLK1)				Prepared: 04/14/2026 Analyzed: 04/15/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2604121-BS1)				Prepared: 04/14/2026 Analyzed: 04/15/2026						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		101	85-115			
LCS Dup (2604121-BSD1)				Prepared: 04/14/2026 Analyzed: 04/15/2026						
Nitrogen, Ammonia (As N)	2.5	0.50	mg/L	2.500		100	85-115	0.4	10	
Matrix Spike (2604121-MS1)		**Source: 26D0313-01**		Prepared: 04/14/2026 Analyzed: 04/15/2026						
Nitrogen, Ammonia (As N)	2.8	0.50	mg/L	2.500	0.37	98	80-120			
Matrix Spike Dup (2604121-MSD1)		**Source: 26D0313-01**		Prepared: 04/14/2026 Analyzed: 04/15/2026						
Nitrogen, Ammonia (As N)	2.7	0.50	mg/L	2.500	0.37	94	80-120	4	20	
Batch 2604122 - SM2540 C										
Duplicate (2604122-DUP1)		**Source: 26D0356-01**		Prepared: 04/14/2026 Analyzed: 04/20/2026						
Total Dissolved Solids (Residue, Filterable)	610	20	mg/L		610			0.5	5	
Duplicate (2604122-DUP2)		**Source: 26D0324-03**		Prepared: 04/14/2026 Analyzed: 04/20/2026						
Total Dissolved Solids (Residue, Filterable)	420	20	mg/L		410			1	5	
Batch 2604124 - SM4500-H+ B										
Duplicate (2604124-DUP1)		**Source: 26D0389-05**		Prepared & Analyzed: 04/14/2026						
pH (pH Units)	7.3		-		7.4			0.1	200	
Temperature (°C)	21		-		21			0.5	200	
Batch 2604134 - SM4500-CN BE										
Blank (2604134-BLK1)				Prepared: 04/15/2026 Analyzed: 04/16/2026						
Cyanide	ND	0.10	mg/L							
LCS (2604134-BS1)				Prepared: 04/15/2026 Analyzed: 04/16/2026						
Cyanide	2.0	0.10	mg/L	2.000		99	85-115			
LCS Dup (2604134-BSD1)				Prepared: 04/15/2026 Analyzed: 04/16/2026						
Cyanide	2.0	0.10	mg/L	2.000		98	85-115	0.3	15	
Matrix Spike (2604134-MS1)		**Source: 26D0263-02**		Prepared: 04/15/2026 Analyzed: 04/16/2026						
Cyanide	2.0	0.10	mg/L	2.000	ND	98	80-120			
Matrix Spike Dup (2604134-MSD1)		**Source: 26D0263-02**		Prepared: 04/15/2026 Analyzed: 04/16/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	96	80-120	1	15	
Batch 2604147 - EPA 351.2										
Blank (2604147-BLK1)				Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	0.44	0.50	mg/L							
LCS (2604147-BS1)				Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000		107	80-120			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604147 - EPA 351.2										
LCS Dup (2604147-BSD1)				Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	5.3	0.50	mg/L	5.000		106	80-120	0.7	20	
Matrix Spike (2604147-MS1)	**Source: 26D0267-02**			Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	4.7	0.50	mg/L	5.000	ND	93	80-120			
Matrix Spike (2604147-MS2)	**Source: 26D0430-06**			Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	4.6	0.50	mg/L	5.000	0.48	83	80-120			
Matrix Spike Dup (2604147-MSD1)	**Source: 26D0267-02**			Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	ND	100	80-120	7	20	
Matrix Spike Dup (2604147-MSD2)	**Source: 26D0430-06**			Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.48	92	80-120	9	20	
Batch 2604181 - SM2320B										
Blank (2604181-BLK1)				Prepared & Analyzed: 04/22/2026						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2604181-BS1)				Prepared & Analyzed: 04/22/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		100	90-110			
LCS Dup (2604181-BSD1)				Prepared & Analyzed: 04/22/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		101	90-110	0.8	10	
Matrix Spike (2604181-MS1)	**Source: 26D0430-06**			Prepared & Analyzed: 04/22/2026						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	6.0	100	70-130			
Matrix Spike Dup (2604181-MSD1)	**Source: 26D0430-06**			Prepared & Analyzed: 04/22/2026						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	6.0	100	70-130	0	10	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604178 - SW8260B										
Blank (2604178-BLK1)				Prepared & Analyzed: 04/20/2026						
Benzene	0.079	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.061	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*66.6*		*ug/L*	*50.00*		*133*	*70-130*			*S11*
Surrogate: Dibromofluoromethane	*50.1*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
LCS (2604178-BS1)				Prepared & Analyzed: 04/20/2026						
1,1-Dichloroethene	53	0.50	ug/L	50.00		107	70-130			
Benzene	55	0.50	ug/L	50.00		110	70-130			
Chlorobenzene	47	0.50	ug/L	50.00		94	70-130			
Toluene	51	0.50	ug/L	50.00		102	70-130			
Trichloroethene	47	0.50	ug/L	50.00		95	70-130			
Surrogate: 4-Bromofluorobenzene	*63.7*		*ug/L*	*50.00*		*127*	*70-130*			
Surrogate: Dibromofluoromethane	*50.6*		*ug/L*	*50.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*53.3*		*ug/L*	*50.00*		*107*	*70-130*			
LCS Dup (2604178-BSD1)				Prepared & Analyzed: 04/20/2026						
1,1-Dichloroethene	55	0.50	ug/L	50.00		111	70-130	4	30	
Benzene	58	0.50	ug/L	50.00		116	70-130	6	30	
Chlorobenzene	50	0.50	ug/L	50.00		100	70-130	7	30	
Toluene	54	0.50	ug/L	50.00		108	70-130	6	30	
Trichloroethene	49	0.50	ug/L	50.00		99	70-130	5	30	
Surrogate: 4-Bromofluorobenzene	*66.4*		*ug/L*	*50.00*		*133*	*70-130*			*S11*
Surrogate: Dibromofluoromethane	*49.9*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*53.1*		*ug/L*	*50.00*		*106*	*70-130*			
Matrix Spike (2604178-MS1)	**Source: 26D0290-02**			Prepared: 04/20/2026 Analyzed: 04/21/2026						
1,1-Dichloroethene	62	0.50	ug/L	50.00	ND	123	70-130			
Benzene	62	0.50	ug/L	50.00	ND	125	70-130			
Chlorobenzene	52	0.50	ug/L	50.00	ND	103	70-130			
Toluene	58	0.50	ug/L	50.00	ND	115	70-130			
Trichloroethene	52	0.50	ug/L	50.00	ND	104	70-130			
Surrogate: 4-Bromofluorobenzene	*65.3*		*ug/L*	*50.00*		*131*	*70-130*			*S11*
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*54.1*		*ug/L*	*50.00*		*108*	*70-130*			
Matrix Spike (2604178-MS2)	**Source: 26D0291-01**			Prepared: 04/20/2026 Analyzed: 04/21/2026						
1,1-Dichloroethene	55	0.50	ug/L	50.00	ND	110	70-130			
Benzene	56	0.50	ug/L	50.00	ND	112	70-130			
Chlorobenzene	46	0.50	ug/L	50.00	ND	93	70-130			
Toluene	52	0.50	ug/L	50.00	ND	103	70-130			
Trichloroethene	45	0.50	ug/L	50.00	ND	91	70-130			
Surrogate: 4-Bromofluorobenzene	*65.7*		*ug/L*	*50.00*		*131*	*70-130*			*S11*
Surrogate: Dibromofluoromethane	*51.3*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*54.4*		*ug/L*	*50.00*		*109*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604178 - SW8260B										
Matrix Spike Dup (2604178-MSD1)	**Source: 26D0290-02**			Prepared: 04/20/2026 Analyzed: 04/21/2026						
1,1-Dichloroethene	59	0.50	ug/L	50.00	ND	117	70-130	5	30	
Benzene	59	0.50	ug/L	50.00	ND	118	70-130	5	30	
Chlorobenzene	51	0.50	ug/L	50.00	ND	101	70-130	2	30	
Toluene	55	0.50	ug/L	50.00	ND	110	70-130	5	30	
Trichloroethene	50	0.50	ug/L	50.00	ND	99	70-130	5	30	
Surrogate: 4-Bromofluorobenzene	*68.1*		*ug/L*	*50.00*		*136*	*70-130*			*S11*
Surrogate: Dibromofluoromethane	*51.7*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*55.5*		*ug/L*	*50.00*		*111*	*70-130*			
Matrix Spike Dup (2604178-MSD2)	**Source: 26D0291-01**			Prepared: 04/20/2026 Analyzed: 04/21/2026						
1,1-Dichloroethene	62	0.50	ug/L	50.00	ND	123	70-130	12	30	
Benzene	62	0.50	ug/L	50.00	ND	125	70-130	11	30	
Chlorobenzene	51	0.50	ug/L	50.00	ND	102	70-130	10	30	
Toluene	57	0.50	ug/L	50.00	ND	114	70-130	10	30	
Trichloroethene	51	0.50	ug/L	50.00	ND	101	70-130	11	30	
Surrogate: 4-Bromofluorobenzene	*65.4*		*ug/L*	*50.00*		*131*	*70-130*			*S11*
Surrogate: Dibromofluoromethane	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			
Surrogate: Toluene-d8	*55.4*		*ug/L*	*50.00*		*111*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604130 - EPA 300.0 (2.1)										
Blank (2604130-BLK1)				Prepared & Analyzed: 04/14/2026						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2604130-BS1)				Prepared & Analyzed: 04/14/2026						
Chloride	12	1.0	mg/L	12.50		96	90-110			
Fluoride	1.9	0.50	mg/L	2.000		97	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110			
Sulfate	13	5.0	mg/L	12.50		103	90-110			
LCS Dup (2604130-BSD1)				Prepared & Analyzed: 04/14/2026						
Chloride	12	1.0	mg/L	12.50		96	90-110	0.03	10	
Fluoride	1.9	0.50	mg/L	2.000		97	90-110	0.2	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110	0.08	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110	0.3	10	
Sulfate	13	5.0	mg/L	12.50		103	90-110	0.1	10	
Matrix Spike (2604130-MS1)	**Source: 26D0403-02**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	12	1.0	mg/L	12.50	ND	99	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	98	80-120			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	98	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	13	5.0	mg/L	12.50	3.2	79	80-120			M2
Matrix Spike (2604130-MS2)	**Source: 26D0403-03**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	12	1.0	mg/L	12.50	ND	99	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	99	80-120			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	99	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120			
Sulfate	13	5.0	mg/L	12.50	ND	105	80-120			
Matrix Spike (2604130-MS3)	**Source: 26D0404-01**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	18	1.0	mg/L	12.50	5.2	98	80-120			
Fluoride	2.4	0.50	mg/L	2.000	0.47	96	80-120			
Nitrogen, Nitrate (As N)	5.3	0.50	mg/L	5.000	0.53	96	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	98	80-120			
Matrix Spike (2604130-MS4)	**Source: 26D0416-01**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	27	1.0	mg/L	12.50	14	104	80-120			
Fluoride	15	0.50	mg/L	2.000	14	90	80-120			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	100	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	39	5.0	mg/L	12.50	28	80	80-120			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604130 - EPA 300.0 (2.1)										
Matrix Spike (2604130-MS5)	**Source: 26D0430-06**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	12	1.0	mg/L	12.50	ND	97	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	99	80-120			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	99	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	98	80-120			
Sulfate	13	5.0	mg/L	12.50	ND	106	80-120			
Matrix Spike Dup (2604130-MSD1)	**Source: 26D0403-02**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	12	1.0	mg/L	12.50	ND	99	80-120	0.5	10	
Fluoride	2.0	0.50	mg/L	2.000	ND	99	80-120	0.1	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	99	80-120	0.4	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120	0.7	10	
Sulfate	13	5.0	mg/L	12.50	3.2	80	80-120	0.7	10	
Matrix Spike Dup (2604130-MSD2)	**Source: 26D0403-03**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	12	1.0	mg/L	12.50	ND	99	80-120	0.2	10	
Fluoride	2.0	0.50	mg/L	2.000	ND	99	80-120	0.09	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	99	80-120	0.06	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120	0.2	10	
Sulfate	13	5.0	mg/L	12.50	ND	105	80-120	0.1	10	
Matrix Spike Dup (2604130-MSD3)	**Source: 26D0404-01**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	17	1.0	mg/L	12.50	5.2	98	80-120	0.2	10	
Fluoride	2.4	0.50	mg/L	2.000	0.47	96	80-120	0.2	10	
Nitrogen, Nitrate (As N)	5.3	0.50	mg/L	5.000	0.53	96	80-120	0.06	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120	0.09	10	
Matrix Spike Dup (2604130-MSD4)	**Source: 26D0416-01**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	27	1.0	mg/L	12.50	14	104	80-120	0.3	10	
Fluoride	15	0.50	mg/L	2.000	14	91	80-120	0.1	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	101	80-120	0.6	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	98	80-120	0.8	10	
Sulfate	39	5.0	mg/L	12.50	28	81	80-120	0.2	10	
Matrix Spike Dup (2604130-MSD5)	**Source: 26D0430-06**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	12	1.0	mg/L	12.50	ND	98	80-120	0.2	10	
Fluoride	2.0	0.50	mg/L	2.000	ND	100	80-120	0.3	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	100	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	99	80-120	0.4	10	
Sulfate	13	5.0	mg/L	12.50	ND	106	80-120	0.2	10	

2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE _____ PAGE _____ OF _____

PROJECT NAME _____ # _____

CONTACT NAME _____

COMPANY NAME _____

ADDRESS _____

ZIP _____ PHONE _____ EMAIL _____

SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	Base Neutrals ☐ 625/8270	Acids ☐	Volatile Organics ☐ 624	☐ 524.2	TTHMS ☐	8260 ☐	HAAS ☐	Chloride ☐	Sulfate ☐	Resistivity ☐	NO_3 ☐	NO_2 ☐	TKN ☐	TPH ☐	1664 ☐	Oil & Grease ☐	VOA ☐	TCLP Analysis Semi-VOA ☐	Pest. ☐	TCLP ☐	Metals	Total ☐	Dissolved ☐	RCRA8 ☐	Total ☐	Cyanide Amen. ☐	WAD ☐	SDWA-INORGANICS PRIMARY ☐	SECONDARY ☐	MBAS ☐	Coliform Plt ☐	pH ☐	Fecal ☐	Cl ☐	Cl_2 ☐	Turb ☐	TSS ☐	COD ☐	BOD ☐

1. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

2. RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS:
____ Standard (approx. 10 days)*
____ Next Day ____ 2 Day ____ 5 Day*
____ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
____ I. Routine Report
____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
____ III. Date Validation Report (Includes All Raw Data) Add 10% to invoice

INVOICE INFORMATION:
Account ____ Y ____ N
P.O. #
Bill to:

SAMPLE RECEIPT:
Total Containers
Temperature
☐ Wet Ice
☐ Ambient
☐ Blue Ice
IR #

3. RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

4. RECEIVED BY:
Signature
Printed Name
TURNER LABORATORIES, INC.
Firm
Date/Time

* LEGEND
SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No		Custody Seals ☐	Preservation Confirmation ☐
ADEQ Forms: ☐ Yes ☐ No		Container Intact ☐	Appropriate Head Space ☐
Mail ADEQ Forms: ☐ Yes ☐ No		COC / Labels Agree ☐	Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 13, 2026
Sample Received: April 15, 2026
Analysis Completed: April 21, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26D0386-01	9.1 ± 0.7	6.6 ± 0.9	2.5 ± 1.1	0.9 ± 0.2	< 0.7	0.9 ± 0.2

Analysis Date/Time	4/17/2026	4/16/2026	4/17/2026	4/20/2026	4/20/2026	4/20/2026
	0:51	15:59	0:51	17:51	17:51	17:51

Robert L. Metzger, Ph.D., C.H.P. — 4/22/2026 Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 13, 2026
Sample Received: April 15, 2026
Uranium Analysis Date: April 16, 2026
Uranium Analysis Time: 15:59

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26D0386-01	2.3 ± 0.4	0.108 ± 0.003	4.1 ± 0.5	6.6 ± 0.9	Activity (pCi/L)
	6.9 ± 1.1	0.050 ± 0.001	0.00067 ± 0.00008	7.0 ± 1.1	Content (µg/L)
	Comments:				

April 22, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

April 13, 2026 (Sample Date) 12:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	4/17/2026	2.5 ± 1.1		
EPA 00-02		3 pCi/L	Gross Alpha	4002	4/17/2026	9.1 ± 0.7		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	4/16/2026	7.0 ± 1.1	µg/L	
			Uranium 234	4007	4/16/2026	0.00067 ± 0.00008		
			Uranium 235	4008	4/16/2026	0.050 ± 0.001		
			Uranium 238	4009	4/16/2026	6.9 ± 1.1		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	4/20/2026	0.9 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	4/20/2026	0.9 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	4/20/2026	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79806

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26D0386-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 13, 2026
Sample Received: April 15, 2026
Analysis Completed: April 21, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26D0386-02	19.6 ± 1.0	17.7 ± 2.0	1.9 ± 2.2	< 0.6	< 0.7	< 0.7

Analysis Date/Time	4/17/2026	4/17/2026	4/17/2026	4/20/2026	4/20/2026	4/20/2026
	2:31	13:43	13:43	21:52	21:52	21:52

Robert L. Metzger, Ph.D., C.H.P. — 4/22/2026 Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 13, 2026
Sample Received: April 15, 2026
Uranium Analysis Date: April 17, 2026
Uranium Analysis Time: 13:43

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26D0386-02	5.2 ± 0.8	0.243 ± 0.005	12.3 ± 1.2	17.7 ± 2.0	Activity (pCi/L)
	15.5 ± 2.3	0.114 ± 0.003	0.00197 ± 0.00020	15.7 ± 2.3	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P. — April 22, 2026 Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

April 13, 2026 (Sample Date) 11:05 (Sample Time) (24 hour clock)

Owner/Contact Person: _____

Owner/Contact Fax Number: _____

Owner/Contact Phone Number: _____

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	4/17/2026	1.9 ± 2.2		
EPA 00-02		3 pCi/L	Gross Alpha	4002	4/17/2026	19.6 ± 1.0		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	4/17/2026	15.7 ± 2.3	µg/L	
			Uranium 234	4007	4/17/2026	0.00197 ± 0.00020		
			Uranium 235	4008	4/17/2026	0.114 ± 0.003		
			Uranium 238	4009	4/17/2026	15.5 ± 2.3		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	4/20/2026	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	4/20/2026	< 0.6		
GammaRay HPGE		1 pCi/L	Radium 228	4030	4/20/2026	< 0.7		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79807

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26D0386-02

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26D0386

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26D0386-01 Non-Potable Wa Sampled:04/13/2026 12:40			
Radiochemistry, Adjusted Gross alpha	10/10/2026 12:40		
Radiochemistry, Uranium	10/10/2026 12:40		
Radiochemistry, Radium 226/228	05/13/2026 12:40		79806
Radiochemistry, Gross Alpha	10/10/2026 12:40		
Containers Supplied: 1			
Sample ID: 26D0386-02 Non-Potable Wa Sampled:04/13/2026 11:05			
Radiochemistry, Uranium	10/10/2026 11:05		
Radiochemistry, Radium 226/228	05/13/2026 11:05		
Radiochemistry, Gross Alpha	10/10/2026 11:05		79807
Radiochemistry, Adjusted Gross alpha	10/10/2026 11:05		
Containers Supplied: 1			

7-Day Rush Please

Released By	Date	Received By	Date
Tyler Tibbs	4/14/26 1700	BZB	4/14/26 1700
Released By	Date	Received By	Date
			4-15-26 8:39 am

Page 1 of 1

May 01, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 26D0430

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 7 sample(s) on 04/14/2026 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Date Received: 04/14/2026

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
26D0430-01	POC - 01	Ground Water	04/14/2026 1010
26D0430-02	POC - 02	Ground Water	04/14/2026 1145
26D0430-03	POC - 02 Dup	Ground Water	04/14/2026 1214
26D0430-04	POC - 05	Ground Water	04/14/2026 1340
26D0430-05	POC - 06	Ground Water	04/14/2026 1500
26D0430-06	Field Blank	Ground Water	04/14/2026 1450
26D0430-07	Trip blank	Ground Water	04/14/2026 0000

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Date Received: 04/14/2026

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

C4	Confirmatory analysis was past holding time
E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
U	Analyte included in the analysis, but not detected
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-01

Client Sample ID: POC - 01
Collection Date/Time: 04/14/2026 1010
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	26	2.0	3.6		mg/L	5	04/16/2026 1333	04/17/2026 1657	SS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	25	1.4	2.6		mg/L	5	04/14/2026 1630	04/15/2026 1917	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	04/21/2026 0957	04/24/2026 1357	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.013	0.000016	0.00056		mg/L	1	04/14/2026 1630	04/15/2026 1523	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	260	0.14	4.4		mg/L	1	04/19/2026 0937	04/20/2026 1700	RAR
Magnesium	75	0.12	3.3		mg/L	1	04/19/2026 0937	04/20/2026 1700	RAR
Potassium	5.9	0.16	5.6		mg/L	1	04/19/2026 0937	04/20/2026 1700	RAR
Sodium	21	0.65	5.6		mg/L	1	04/19/2026 0937	04/20/2026 1700	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Antimony	0.00028	0.000039	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Arsenic	0.0041	0.00010	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Barium	0.026	0.000029	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Chromium	0.00028	0.000023	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Cobalt	0.00033	0.000010	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Copper	0.00060	0.00015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Manganese	0.00017	0.000038	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Molybdenum	0.068	0.000025	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Nickel	0.0025	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Selenium	0.012	0.00025	0.0025		mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
Uranium	0.014	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/23/2026 1445	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-01

Client Sample ID: POC - 01
Collection Date/Time: 04/14/2026 1010
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.0028	0.0023	0.040	E4	mg/L	1	04/22/2026 1540	04/22/2026 1857	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	04/15/2026 0823	04/16/2026 1543	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	41	3.8	5.0		mg/L	5	04/14/2026 1630	04/15/2026 1917	SS
Fluoride	1.1	0.18	0.50		mg/L	1	04/14/2026 1630	04/15/2026 0422	SS
Nitrogen, Nitrate (As N)	25	1.3	2.5		mg/L	5	04/14/2026 1630	04/15/2026 1917	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	04/14/2026 1630	04/15/2026 0422	SS
Sulfate	650	28	50		mg/L	10	04/14/2026 1630	04/27/2026 2317	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	1.3	0.60	1.0		mg/L	2	04/16/2026 1333	04/17/2026 1657	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	04/23/2026 1027	04/23/2026 1515	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Total (As CaCO3)	190	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400	20	20		mg/L	1	04/15/2026 1356	04/20/2026 1049	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	04/24/2026 0928	04/27/2026 1533	SJS
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-01

Client Sample ID: POC - 01
Collection Date/Time: 04/14/2026 1010
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	7.2			H5	-	1	04/15/2026 1546	04/15/2026 1603	IM
Temperature (°C)	20			H5	-	1	04/15/2026 1546	04/15/2026 1603	IM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 1915	KP
Carbon disulfide	ND	0.11	2.0	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 1915	KP
Ethylbenzene	ND	0.054	0.50	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 1915	KP
Toluene	ND	0.057	0.50	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 1915	KP
Xylenes, Total	ND	0.13	1.5	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 1915	KP
Surr: 4-Bromofluorobenzene	*86*	*70-130*			*%REC*	*1*	*04/30/2026 1200*	*04/30/2026 1915*	*KP*
Surr: Dibromofluoromethane	*125*	*70-130*			*%REC*	*1*	*04/30/2026 1200*	*04/30/2026 1915*	*KP*
Surr: Toluene-d8	*109*	*70-130*			*%REC*	*1*	*04/30/2026 1200*	*04/30/2026 1915*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-02

Client Sample ID: POC - 02
Collection Date/Time: 04/14/2026 1145
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	2.8	0.58	1.1		mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	2.3	0.28	0.60		mg/L	1	04/14/2026 1630	04/15/2026 0446	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	04/21/2026 0957	04/24/2026 1419	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.017	0.000016	0.00056		mg/L	1	04/14/2026 1630	04/15/2026 1526	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	260	0.14	4.4		mg/L	1	04/19/2026 0937	04/20/2026 1703	RAR
Magnesium	79	0.12	3.3		mg/L	1	04/19/2026 0937	04/20/2026 1703	RAR
Potassium	5.0	0.16	5.6	E4	mg/L	1	04/19/2026 0937	04/20/2026 1703	RAR
Sodium	37	0.65	5.6		mg/L	1	04/19/2026 0937	04/20/2026 1703	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Antimony	0.00085	0.000039	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Arsenic	0.0068	0.00010	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Barium	0.021	0.000029	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Beryllium	0.000031	0.000013	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Chromium	0.00022	0.000023	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Cobalt	0.00026	0.000010	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Copper	0.0011	0.00015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Manganese	0.00036	0.000038	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Molybdenum	0.17	0.000025	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Nickel	0.0026	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Selenium	0.0098	0.00025	0.0025		mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR
Uranium	0.017	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/23/2026 1448	RAR
Zinc	0.0025	0.0023	0.040	E4	mg/L	1	04/22/2026 1540	04/22/2026 1901	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-02

Client Sample ID: POC - 02
Collection Date/Time: 04/14/2026 1145
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	04/15/2026 0823	04/16/2026 1545	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	96	7.5	10		mg/L	10	04/14/2026 1630	04/21/2026 1010	SS
Fluoride	1.9	0.18	0.50		mg/L	1	04/14/2026 1630	04/15/2026 0446	SS
Nitrogen, Nitrate (As N)	2.3	0.27	0.50		mg/L	1	04/14/2026 1630	04/15/2026 0446	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	04/14/2026 1630	04/15/2026 0446	SS
Sulfate	700	28	50		mg/L	10	04/14/2026 1630	04/27/2026 2341	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.50	0.30	0.50		mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	04/23/2026 1027	04/23/2026 1515	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	180	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Total (As CaCO3)	180	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1400	20	20		mg/L	1	04/15/2026 1356	04/20/2026 1049	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	04/15/2026 0930	04/16/2026 1547	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.1			H5	-	1	04/15/2026 1546	04/15/2026 1606	IM
Temperature (°C)	20			H5	-	1	04/15/2026 1546	04/15/2026 1606	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-02

Client Sample ID: POC - 02
Collection Date/Time: 04/14/2026 1145
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 1955	KP
Carbon disulfide	ND	0.11	2.0	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 1955	KP
Ethylbenzene	ND	0.054	0.50	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 1955	KP
Toluene	ND	0.057	0.50	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 1955	KP
Xylenes, Total	ND	0.13	1.5	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 1955	KP
Surr: 4-Bromofluorobenzene	*87*	*70-130*			*%REC*	*1*	*04/30/2026 1200*	*04/30/2026 1955*	*KP*
Surr: Dibromofluoromethane	*131*	*70-130*		*S4*	*%REC*	*1*	*04/30/2026 1200*	*04/30/2026 1955*	*KP*
Surr: Toluene-d8	*110*	*70-130*			*%REC*	*1*	*04/30/2026 1200*	*04/30/2026 1955*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-03

Client Sample ID: POC - 02 Dup
Collection Date/Time: 04/14/2026 1214
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	2.8	0.58	1.1		mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	2.3	0.28	0.60		mg/L	1	04/14/2026 1630	04/15/2026 0510	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	04/21/2026 0957	04/24/2026 1422	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.018	0.000016	0.00056		mg/L	1	04/14/2026 1630	04/15/2026 1529	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	250	0.14	4.4		mg/L	1	04/19/2026 0937	04/20/2026 1706	RAR
Magnesium	78	0.12	3.3		mg/L	1	04/19/2026 0937	04/20/2026 1706	RAR
Potassium	5.0	0.16	5.6	E4	mg/L	1	04/19/2026 0937	04/20/2026 1706	RAR
Sodium	38	0.65	5.6		mg/L	1	04/19/2026 0937	04/20/2026 1706	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Antimony	0.00078	0.000039	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Arsenic	0.0061	0.00010	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Barium	0.020	0.000029	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Beryllium	0.000026	0.000013	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Chromium	0.00018	0.000023	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Cobalt	0.00023	0.000010	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Copper	0.00096	0.00015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Manganese	0.00033	0.000038	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Molybdenum	0.15	0.000025	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Nickel	0.0025	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Selenium	0.0086	0.00025	0.0025		mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR
Uranium	0.017	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/23/2026 1451	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1904	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-03

Client Sample ID: POC - 02 Dup
Collection Date/Time: 04/14/2026 1214
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	04/15/2026 0823	04/16/2026 1548	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	97	7.5	10		mg/L	10	04/14/2026 1630	04/21/2026 1034	SS
Fluoride	1.9	0.18	0.50		mg/L	1	04/14/2026 1630	04/15/2026 0510	SS
Nitrogen, Nitrate (As N)	2.3	0.27	0.50		mg/L	1	04/14/2026 1630	04/15/2026 0510	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	04/14/2026 1630	04/15/2026 0510	SS
Sulfate	700	28	50		mg/L	10	04/14/2026 1630	04/28/2026 0005	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.48	0.30	0.50	E4	mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	04/23/2026 1027	04/23/2026 1515	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	180	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Total (As CaCO3)	180	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	1500	20	20		mg/L	1	04/15/2026 1356	04/20/2026 1049	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	04/15/2026 0930	04/16/2026 1547	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.1			H5	-	1	04/15/2026 1546	04/15/2026 1609	IM
Temperature (°C)	21			H5	-	1	04/15/2026 1546	04/15/2026 1609	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-03

Client Sample ID: POC - 02 Dup
Collection Date/Time: 04/14/2026 1214
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 2037	KP
Carbon disulfide	ND	0.11	2.0	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 2037	KP
Ethylbenzene	ND	0.054	0.50	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 2037	KP
Toluene	ND	0.057	0.50	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 2037	KP
Xylenes, Total	ND	0.13	1.5	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 2037	KP
Surr: 4-Bromofluorobenzene	*84*	*70-130*			*%REC*	*1*	*04/30/2026 1200*	*04/30/2026 2037*	*KP*
Surr: Dibromofluoromethane	*130*	*70-130*		*S4*	*%REC*	*1*	*04/30/2026 1200*	*04/30/2026 2037*	*KP*
Surr: Toluene-d8	*107*	*70-130*			*%REC*	*1*	*04/30/2026 1200*	*04/30/2026 2037*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-04

Client Sample ID: POC - 05
Collection Date/Time: 04/14/2026 1340
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	04/14/2026 1630	04/15/2026 0533	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.49	0.020	0.30		mg/L	1	04/21/2026 0957	04/24/2026 1425	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.026	0.000016	0.00056		mg/L	1	04/14/2026 1630	04/15/2026 1532	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	47	0.14	4.4		mg/L	1	04/19/2026 0937	04/20/2026 1709	RAR
Magnesium	9.9	0.12	3.3		mg/L	1	04/19/2026 0937	04/20/2026 1709	RAR
Potassium	3.8	0.16	5.6	E4	mg/L	1	04/19/2026 0937	04/20/2026 1709	RAR
Sodium	54	0.65	5.6		mg/L	1	04/19/2026 0937	04/20/2026 1709	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Antimony	0.000062	0.000039	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Arsenic	0.010	0.00010	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Barium	0.096	0.000029	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Beryllium	0.000059	0.000013	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Chromium	0.00026	0.000023	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Cobalt	0.00039	0.000010	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Copper	0.0010	0.00015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Lead	0.000062	0.000057	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Manganese	0.35	0.000038	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Molybdenum	0.035	0.000025	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Nickel	0.00061	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Selenium	0.00098	0.00025	0.0025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Thallium	0.000052	0.000023	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR
Uranium	0.024	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/23/2026 1454	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1919	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-04

Client Sample ID: POC - 05
Collection Date/Time: 04/14/2026 1340
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	0.00025	0.00015	0.0010	E4	mg/L	1	04/15/2026 0823	04/16/2026 1550	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	21	0.75	1.0		mg/L	1	04/14/2026 1630	04/15/2026 0533	SS
Fluoride	3.0	0.18	0.50		mg/L	1	04/14/2026 1630	04/15/2026 0533	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	04/14/2026 1630	04/15/2026 0533	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	04/14/2026 1630	04/15/2026 0533	SS
Sulfate	23	2.8	5.0		mg/L	1	04/14/2026 1630	04/15/2026 0533	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.45	0.30	0.50	E4	mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	04/23/2026 1027	04/23/2026 1515	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	230	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Total (As CaCO3)	230	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	330	20	20		mg/L	1	04/15/2026 1356	04/20/2026 1049	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	04/15/2026 0930	04/16/2026 1547	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.5			H5	-	1	04/15/2026 1546	04/15/2026 1612	IM
Temperature (°C)	20			H5	-	1	04/15/2026 1546	04/15/2026 1612	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-04

Client Sample ID: POC - 05
Collection Date/Time: 04/14/2026 1340
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 2118	KP
Carbon disulfide	ND	0.11	2.0	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 2118	KP
Ethylbenzene	ND	0.054	0.50	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 2118	KP
Toluene	ND	0.057	0.50	E8, C4	ug/L	1	04/30/2026 1200	04/30/2026 2118	KP
Xylenes, Total	ND	0.13	1.5	C4, E8	ug/L	1	04/30/2026 1200	04/30/2026 2118	KP
Surr: 4-Bromofluorobenzene	*85*	*70-130*			*%REC*	*1*	*04/30/2026 1200*	*04/30/2026 2118*	*KP*
Surr: Dibromofluoromethane	*131*	*70-130*	*S4*		*%REC*	*1*	*04/30/2026 1200*	*04/30/2026 2118*	*KP*
Surr: Toluene-d8	*108*	*70-130*			*%REC*	*1*	*04/30/2026 1200*	*04/30/2026 2118*	*KP*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-05

Client Sample ID: POC - 06
Collection Date/Time: 04/14/2026 1500
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	04/14/2026 1630	04/15/2026 0557	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	04/21/2026 0957	04/24/2026 1428	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.015	0.000016	0.00056		mg/L	1	04/14/2026 1630	04/15/2026 1535	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	76	0.14	4.4		mg/L	1	04/19/2026 0937	04/20/2026 1712	RAR
Magnesium	20	0.12	3.3		mg/L	1	04/19/2026 0937	04/20/2026 1712	RAR
Potassium	4.8	0.16	5.6	E4	mg/L	1	04/19/2026 0937	04/20/2026 1712	RAR
Sodium	50	0.65	5.6		mg/L	1	04/19/2026 0937	04/20/2026 1712	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Antimony	0.0017	0.000039	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Arsenic	0.0030	0.00010	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Barium	0.059	0.000029	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Beryllium	0.000023	0.000013	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Chromium	0.00016	0.000023	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Cobalt	0.000080	0.000010	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Copper	0.0015	0.00015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Manganese	0.0084	0.000038	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Molybdenum	0.11	0.000025	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Nickel	0.0012	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Selenium	0.0011	0.00025	0.0025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR
Uranium	0.015	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/23/2026 1457	RAR
Zinc	0.0066	0.0023	0.040	E4	mg/L	1	04/22/2026 1540	04/22/2026 1922	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-05

Client Sample ID: POC - 06
Collection Date/Time: 04/14/2026 1500
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	04/15/2026 0823	04/16/2026 1553	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	44	3.8	5.0		mg/L	5	04/14/2026 1630	04/21/2026 1058	SS
Fluoride	2.9	0.18	0.50		mg/L	1	04/14/2026 1630	04/15/2026 0557	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	04/14/2026 1630	04/15/2026 0557	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	04/14/2026 1630	04/15/2026 0557	SS
Sulfate	120	14	25		mg/L	5	04/14/2026 1630	04/28/2026 0029	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.47	0.30	0.50	E4	mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	04/23/2026 1027	04/23/2026 1515	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	190	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Total (As CaCO3)	190	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	480	20	20		mg/L	1	04/15/2026 1356	04/20/2026 1049	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	04/15/2026 0930	04/16/2026 1547	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.4			H5	-	1	04/15/2026 1546	04/15/2026 1614	IM
Temperature (°C)	20			H5	-	1	04/15/2026 1546	04/15/2026 1614	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-05

Client Sample ID: POC - 06
Collection Date/Time: 04/14/2026 1500
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	04/27/2026 1054	04/27/2026 1953	ES
Carbon disulfide	ND	0.11	2.0	E8, V1	ug/L	1	04/27/2026 1054	04/27/2026 1953	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	04/27/2026 1054	04/27/2026 1953	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	04/27/2026 1054	04/27/2026 1953	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	04/27/2026 1054	04/27/2026 1953	ES
Surr: 4-Bromofluorobenzene	*145*	*70-130*		*S4*	*%REC*	*1*	*04/27/2026 1054*	*04/27/2026 1953*	*ES*
Surr: Dibromofluoromethane	*106*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/27/2026 1953*	*ES*
Surr: Toluene-d8	*116*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/27/2026 1953*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-06

Client Sample ID: Field Blank
Collection Date/Time: 04/14/2026 1450
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	04/14/2026 1630	04/15/2026 0621	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	04/21/2026 0957	04/24/2026 1431	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.000022	0.000016	0.00056	E4	mg/L	1	04/14/2026 1630	04/15/2026 1538	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	ND	0.14	4.4	E8	mg/L	1	04/19/2026 0937	04/20/2026 1715	RAR
Magnesium	ND	0.12	3.3	E8	mg/L	1	04/19/2026 0937	04/20/2026 1715	RAR
Potassium	ND	0.16	5.6	E8	mg/L	1	04/19/2026 0937	04/20/2026 1715	RAR
Sodium	1.3	0.65	5.6	E4	mg/L	1	04/19/2026 0937	04/20/2026 1715	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Arsenic	ND	0.00010	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Barium	0.000070	0.000029	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Beryllium	ND	0.000013	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Chromium	0.000049	0.000023	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Cobalt	ND	0.000010	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Copper	0.00017	0.00015	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Manganese	0.00025	0.000038	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Molybdenum	0.00043	0.000025	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Nickel	ND	0.000015	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Selenium	ND	0.00025	0.0025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR
Uranium	0.000016	0.000015	0.00050	E4	mg/L	1	04/22/2026 1540	04/23/2026 1624	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1925	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-06

Client Sample ID: Field Blank
Collection Date/Time: 04/14/2026 1450
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	04/15/2026 0823	04/16/2026 1556	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	ND	0.75	1.0		mg/L	1	04/14/2026 1630	04/15/2026 0621	SS
Fluoride	ND	0.18	0.50		mg/L	1	04/14/2026 1630	04/15/2026 0621	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	04/14/2026 1630	04/15/2026 0621	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	04/14/2026 1630	04/15/2026 0621	SS
Sulfate	ND	2.8	5.0	E8	mg/L	1	04/14/2026 1630	04/15/2026 0621	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.48	0.30	0.50	E4	mg/L	1	04/16/2026 1333	04/17/2026 1657	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	04/23/2026 1027	04/23/2026 1515	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	6.0	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Total (As CaCO3)	6.0	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	ND	20	20		mg/L	1	04/15/2026 1356	04/20/2026 1049	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	04/15/2026 0930	04/16/2026 1547	SJS
pH-SM4500-H+ B									
pH (pH Units)	5.7			H5	-	1	04/15/2026 1546	04/15/2026 1617	IM
Temperature (°C)	21			H5	-	1	04/15/2026 1546	04/15/2026 1617	IM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-06

Client Sample ID: Field Blank
Collection Date/Time: 04/14/2026 1450
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	04/27/2026 1054	04/27/2026 2028	ES
Carbon disulfide	ND	0.11	2.0	E8, V1	ug/L	1	04/27/2026 1054	04/27/2026 2028	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	04/27/2026 1054	04/27/2026 2028	ES
Toluene	0.058	0.057	0.50	E4	ug/L	1	04/27/2026 1054	04/27/2026 2028	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	04/27/2026 1054	04/27/2026 2028	ES
Surr: 4-Bromofluorobenzene	*138*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/27/2026 2028*	*ES*
Surr: Dibromofluoromethane	*107*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/27/2026 2028*	*ES*
Surr: Toluene-d8	*114*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/27/2026 2028*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Lab Sample ID: 26D0430-07

Client Sample ID: Trip blank
Collection Date/Time: 04/14/2026 0000
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	04/27/2026 1054	04/27/2026 2104	ES
Carbon disulfide	ND	0.11	2.0	E8, V1	ug/L	1	04/27/2026 1054	04/27/2026 2104	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	04/27/2026 1054	04/27/2026 2104	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	04/27/2026 1054	04/27/2026 2104	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	04/27/2026 1054	04/27/2026 2104	ES
Surr: 4-Bromofluorobenzene	*144*	*70-130*	*S4*		*%REC*	*1*	*04/27/2026 1054*	*04/27/2026 2104*	*ES*
Surr: Dibromofluoromethane	*105*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/27/2026 2104*	*ES*
Surr: Toluene-d8	*111*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/27/2026 2104*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0430
Date Received: 04/14/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604131 - EPA 245.1										
Blank (2604131-BLK1)				Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	ND	0.0010	mg/L							
LCS (2604131-BS1)				Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	0.0048	0.0010	mg/L	0.005000		97	85-115			
LCS Dup (2604131-BSD1)				Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	0.0049	0.0010	mg/L	0.005000		97	85-115	0.2	20	
Matrix Spike (2604131-MS1)		**Source: 26D0209-01**		Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	91	70-130			
Matrix Spike (2604131-MS2)		**Source: 26D0209-02**		Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	0.0044	0.0010	mg/L	0.005000	ND	88	70-130			
Matrix Spike Dup (2604131-MSD1)		**Source: 26D0209-01**		Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	0.0046	0.0010	mg/L	0.005000	ND	92	70-130	0.8	20	
Matrix Spike Dup (2604131-MSD2)		**Source: 26D0209-02**		Prepared: 04/15/2026 Analyzed: 04/16/2026						
Mercury	0.0044	0.0010	mg/L	0.005000	ND	87	70-130	0.6	20	
Batch 2604132 - E200.8 (5.4)										
Blank (2604132-BLK1)				Prepared: 04/14/2026 Analyzed: 04/15/2026						
Uranium	ND	0.00050	mg/L							
LCS (2604132-BS1)				Prepared: 04/14/2026 Analyzed: 04/15/2026						
Uranium	0.054	0.00050	mg/L	0.05000		108	85-115			
LCS Dup (2604132-BSD1)				Prepared: 04/14/2026 Analyzed: 04/15/2026						
Uranium	0.055	0.00050	mg/L	0.05000		110	85-115	1	20	
Matrix Spike (2604132-MS1)		**Source: 26D0232-01**		Prepared: 04/14/2026 Analyzed: 04/15/2026						
Uranium	0.063	0.00050	mg/L	0.05000	0.0015	122	70-130			
Matrix Spike (2604132-MS2)		**Source: 26D0232-02**		Prepared: 04/14/2026 Analyzed: 04/15/2026						
Uranium	0.063	0.00050	mg/L	0.05000	0.0015	123	70-130			
Batch 2604163 - EPA 200.7 (4.4)										
Blank (2604163-BLK1)				Prepared: 04/19/2026 Analyzed: 04/20/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.1	5.0	mg/L							
LCS (2604163-BS1)				Prepared: 04/19/2026 Analyzed: 04/20/2026						
Calcium	10	4.0	mg/L	10.00		101	85-115			
Magnesium	10	3.0	mg/L	10.00		100	85-115			
Potassium	9.9	5.0	mg/L	10.00		99	85-115			
Sodium	10	5.0	mg/L	10.00		103	85-115			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604163 - EPA 200.7 (4.4)										
LCS Dup (2604163-BSD1)				Prepared: 04/19/2026 Analyzed: 04/20/2026						
Calcium	10	4.0	mg/L	10.00		101	85-115	0.03	20	
Magnesium	10	3.0	mg/L	10.00		100	85-115	0.4	20	
Potassium	9.8	5.0	mg/L	10.00		98	85-115	1	20	
Sodium	10	5.0	mg/L	10.00		102	85-115	1	20	
Matrix Spike (2604163-MS1)	**Source: 26D0386-01**			Prepared: 04/19/2026 Analyzed: 04/20/2026						
Calcium	100	4.0	mg/L	10.00	110	NR	70-130			M2
Magnesium	41	3.0	mg/L	10.00	33	85	70-130			
Potassium	17	5.0	mg/L	10.00	5.3	119	70-130			
Sodium	45	5.0	mg/L	10.00	38	63	70-130			M2
Matrix Spike (2604163-MS2)	**Source: 26D0386-02**			Prepared: 04/19/2026 Analyzed: 04/20/2026						
Calcium	69	4.0	mg/L	10.00	65	38	70-130			M2
Magnesium	29	3.0	mg/L	10.00	20	94	70-130			
Potassium	18	5.0	mg/L	10.00	6.0	115	70-130			
Sodium	55	5.0	mg/L	10.00	50	51	70-130			M2
Batch 2604164 - E200.8 (5.4)										
Matrix Spike (2604164-MS2)	**Source: 26D0430-01**			Prepared: 04/20/2026 Analyzed: 04/24/2026						
Uranium	0.078	0.00050	mg/L	0.05000	0.013	130	70-130			M1
Batch 2604184 - E200.7 (4.4)										
Blank (2604184-BLK1)				Prepared: 04/21/2026 Analyzed: 04/24/2026						
Iron	ND	0.30	mg/L							
LCS (2604184-BS1)				Prepared: 04/21/2026 Analyzed: 04/24/2026						
Iron	1.0	0.30	mg/L	1.000		102	85-115			
LCS Dup (2604184-BSD1)				Prepared: 04/21/2026 Analyzed: 04/24/2026						
Iron	1.0	0.30	mg/L	1.000		102	85-115	0.8	20	
Matrix Spike (2604184-MS1)	**Source: 26D0003-01**			Prepared: 04/21/2026 Analyzed: 04/24/2026						
Iron	1.1	0.30	mg/L	1.000	0.13	99	70-130			
Matrix Spike (2604184-MS2)	**Source: 26D0091-01**			Prepared: 04/21/2026 Analyzed: 04/24/2026						
Iron	0.99	0.30	mg/L	1.000	ND	99	70-130			
Batch 2604202 - EPA 200.8 (5.4)										

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604202 - EPA 200.8 (5.4)										
Blank (2604202-BLK1)				Prepared & Analyzed: 04/22/2026						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	0.000077	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2604202-BS1)				Prepared & Analyzed: 04/22/2026						
Aluminum	0.10	0.040	mg/L	0.1000		100	85-115			
Antimony	0.054	0.00050	mg/L	0.05000		108	85-115			
Arsenic	0.053	0.00050	mg/L	0.05000		105	85-115			
Barium	0.053	0.00050	mg/L	0.05000		106	85-115			
Beryllium	0.053	0.00025	mg/L	0.05000		106	85-115			
Cadmium	0.053	0.00025	mg/L	0.05000		106	85-115			
Chromium	0.053	0.00050	mg/L	0.05000		107	85-115			
Cobalt	0.053	0.00025	mg/L	0.05000		106	85-115			
Copper	0.053	0.00050	mg/L	0.05000		106	85-115			
Lead	0.053	0.00050	mg/L	0.05000		106	85-115			
Manganese	0.053	0.00025	mg/L	0.05000		106	85-115			
Molybdenum	0.053	0.00025	mg/L	0.05000		106	85-115			
Nickel	0.052	0.00050	mg/L	0.05000		104	85-115			
Selenium	0.053	0.0025	mg/L	0.05000		107	85-115			
Thallium	0.052	0.00050	mg/L	0.05000		105	85-115			
Uranium	0.054	0.00050	mg/L	0.05000		107	85-115			
Zinc	0.11	0.040	mg/L	0.1000		108	85-115			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604202 - EPA 200.8 (5.4)										
LCS Dup (2604202-BSD1)				Prepared & Analyzed: 04/22/2026						
Aluminum	0.099	0.040	mg/L	0.1000		99	85-115	0.3	20	
Antimony	0.054	0.00050	mg/L	0.05000		108	85-115	0.3	20	
Arsenic	0.053	0.00050	mg/L	0.05000		105	85-115	0.1	20	
Barium	0.053	0.00050	mg/L	0.05000		105	85-115	1	20	
Beryllium	0.053	0.00025	mg/L	0.05000		106	85-115	0.3	20	
Cadmium	0.053	0.00025	mg/L	0.05000		106	85-115	0.04	20	
Chromium	0.053	0.00050	mg/L	0.05000		105	85-115	2	20	
Cobalt	0.052	0.00025	mg/L	0.05000		105	85-115	1	20	
Copper	0.052	0.00050	mg/L	0.05000		104	85-115	2	20	
Lead	0.053	0.00050	mg/L	0.05000		105	85-115	0.8	20	
Manganese	0.053	0.00025	mg/L	0.05000		106	85-115	0.7	20	
Molybdenum	0.053	0.00025	mg/L	0.05000		105	85-115	0.9	20	
Nickel	0.052	0.00050	mg/L	0.05000		104	85-115	0.6	20	
Selenium	0.053	0.0025	mg/L	0.05000		105	85-115	1	20	
Thallium	0.052	0.00050	mg/L	0.05000		103	85-115	1	20	
Uranium	0.054	0.00050	mg/L	0.05000		109	85-115	1	20	
Zinc	0.11	0.040	mg/L	0.1000		107	85-115	0.5	20	
Matrix Spike (2604202-MS1)		**Source: 26D0324-01**		Prepared & Analyzed: 04/22/2026						
Aluminum	0.091	0.040	mg/L	0.1000	ND	91	70-130			
Antimony	0.049	0.00050	mg/L	0.05000	0.000043	98	70-130			
Arsenic	0.049	0.00050	mg/L	0.05000	0.00028	97	70-130			
Barium	0.050	0.00050	mg/L	0.05000	0.0017	96	70-130			
Beryllium	0.046	0.00025	mg/L	0.05000	0.000038	93	70-130			
Cadmium	0.045	0.00025	mg/L	0.05000	ND	89	70-130			
Chromium	0.047	0.00050	mg/L	0.05000	0.0022	89	70-130			
Cobalt	0.044	0.00025	mg/L	0.05000	0.000067	87	70-130			
Copper	0.050	0.00050	mg/L	0.05000	0.0092	82	70-130			
Lead	0.048	0.00050	mg/L	0.05000	0.00041	96	70-130			
Manganese	0.045	0.00025	mg/L	0.05000	0.00084	88	70-130			
Molybdenum	0.16	0.00025	mg/L	0.05000	0.10	104	70-130			
Nickel	0.042	0.00050	mg/L	0.05000	0.00045	83	70-130			
Selenium	0.052	0.0025	mg/L	0.05000	0.0022	99	70-130			
Thallium	0.047	0.00050	mg/L	0.05000	0.000030	94	70-130			
Uranium	0.049	0.00050	mg/L	0.05000	0.00025	98	70-130			
Zinc	0.10	0.040	mg/L	0.1000	0.0039	96	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604202 - EPA 200.8 (5.4)										
Matrix Spike (2604202-MS2)	**Source: 26D0324-02**			Prepared & Analyzed: 04/22/2026						
Aluminum	0.087	0.040	mg/L	0.1000	ND	87	70-130			
Antimony	0.047	0.00050	mg/L	0.05000	ND	93	70-130			
Arsenic	0.047	0.00050	mg/L	0.05000	0.00012	94	70-130			
Barium	0.047	0.00050	mg/L	0.05000	0.0019	90	70-130			
Beryllium	0.044	0.00025	mg/L	0.05000	0.000027	88	70-130			
Cadmium	0.043	0.00025	mg/L	0.05000	ND	85	70-130			
Chromium	0.044	0.00050	mg/L	0.05000	0.0023	84	70-130			
Cobalt	0.041	0.00025	mg/L	0.05000	0.000065	82	70-130			
Copper	0.047	0.00050	mg/L	0.05000	0.0092	76	70-130			
Lead	0.045	0.00050	mg/L	0.05000	0.00025	90	70-130			
Manganese	0.042	0.00025	mg/L	0.05000	0.00094	83	70-130			
Molybdenum	0.15	0.00025	mg/L	0.05000	0.11	91	70-130			
Nickel	0.040	0.00050	mg/L	0.05000	0.00036	79	70-130			
Selenium	0.052	0.0025	mg/L	0.05000	0.0022	99	70-130			
Thallium	0.044	0.00050	mg/L	0.05000	0.000026	88	70-130			
Uranium	0.050	0.00050	mg/L	0.05000	0.00026	100	70-130			
Zinc	0.11	0.040	mg/L	0.1000	0.014	94	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604134 - SM4500-CN BE										
Blank (2604134-BLK1)				Prepared: 04/15/2026 Analyzed: 04/16/2026						
Cyanide	ND	0.10	mg/L							
LCS (2604134-BS1)				Prepared: 04/15/2026 Analyzed: 04/16/2026						
Cyanide	2.0	0.10	mg/L	2.000		99	85-115			
LCS Dup (2604134-BSD1)				Prepared: 04/15/2026 Analyzed: 04/16/2026						
Cyanide	2.0	0.10	mg/L	2.000		98	85-115	0.3	15	
Matrix Spike (2604134-MS1)		**Source: 26D0263-02**		Prepared: 04/15/2026 Analyzed: 04/16/2026						
Cyanide	2.0	0.10	mg/L	2.000	ND	98	80-120			
Matrix Spike Dup (2604134-MSD1)		**Source: 26D0263-02**		Prepared: 04/15/2026 Analyzed: 04/16/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	96	80-120	1	15	
Batch 2604137 - SM4500-H+ B										
Duplicate (2604137-DUP1)		**Source: 26D0432-01**		Prepared & Analyzed: 04/15/2026						
pH (pH Units)	7.8		-		7.8			0.1	200	
Temperature (°C)	21		-		21			0	200	
Duplicate (2604137-DUP2)		**Source: 26D0432-06**		Prepared & Analyzed: 04/15/2026						
pH (pH Units)	7.4		-		7.3			0.5	200	
Temperature (°C)	22		-		21			1	200	
Batch 2604140 - SM2540 C										
Duplicate (2604140-DUP1)		**Source: 26D0429-02**		Prepared: 04/15/2026 Analyzed: 04/20/2026						
Total Dissolved Solids (Residue, Filterable)	3300	20	mg/L		3300			0.2	5	
Duplicate (2604140-DUP2)		**Source: 26D0430-01**		Prepared: 04/15/2026 Analyzed: 04/20/2026						
Total Dissolved Solids (Residue, Filterable)	1400	20	mg/L		1400			0.6	5	
Batch 2604147 - EPA 351.2										
Blank (2604147-BLK1)				Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	0.44	0.50	mg/L							
LCS (2604147-BS1)				Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	5.4	0.50	mg/L	5.000		107	80-120			
LCS Dup (2604147-BSD1)				Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	5.3	0.50	mg/L	5.000		106	80-120	0.7	20	
Matrix Spike (2604147-MS1)		**Source: 26D0267-02**		Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	4.7	0.50	mg/L	5.000	ND	93	80-120			
Matrix Spike (2604147-MS2)		**Source: 26D0430-06**		Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	4.6	0.50	mg/L	5.000	0.48	83	80-120			
Matrix Spike Dup (2604147-MSD1)		**Source: 26D0267-02**		Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	5.0	0.50	mg/L	5.000	ND	100	80-120	7	20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604147 - EPA 351.2										
Matrix Spike Dup (2604147-MSD2)		**Source: 26D0430-06**		Prepared: 04/16/2026 Analyzed: 04/17/2026						
Nitrogen, Total Kjeldahl	5.1	0.50	mg/L	5.000	0.48	92	80-120	9	20	
Batch 2604181 - SM2320B										
Blank (2604181-BLK1)				Prepared & Analyzed: 04/22/2026						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2604181-BS1)				Prepared & Analyzed: 04/22/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		100	90-110			
LCS Dup (2604181-BSD1)				Prepared & Analyzed: 04/22/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		101	90-110	0.8	10	
Matrix Spike (2604181-MS1)		**Source: 26D0430-06**		Prepared & Analyzed: 04/22/2026						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	6.0	100	70-130			
Matrix Spike Dup (2604181-MSD1)		**Source: 26D0430-06**		Prepared & Analyzed: 04/22/2026						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	6.0	100	70-130	0	10	
Batch 2604214 - SM 4500-NH3 B, F										
Blank (2604214-BLK1)				Prepared & Analyzed: 04/23/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2604214-BS1)				Prepared & Analyzed: 04/23/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		102	85-115			
LCS Dup (2604214-BSD1)				Prepared & Analyzed: 04/23/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		104	85-115	2	10	
Matrix Spike (2604214-MS1)		**Source: 26D0430-06**		Prepared & Analyzed: 04/23/2026						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500	ND	94	80-120			
Matrix Spike Dup (2604214-MSD1)		**Source: 26D0430-06**		Prepared & Analyzed: 04/23/2026						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500	ND	94	80-120	0.4	20	
Batch 2604233 - SM4500-CN BE										
Blank (2604233-BLK1)				Prepared: 04/24/2026 Analyzed: 04/27/2026						
Cyanide	ND	0.10	mg/L							
LCS (2604233-BS1)				Prepared: 04/24/2026 Analyzed: 04/27/2026						
Cyanide	2.1	0.10	mg/L	2.000		104	85-115			
LCS Dup (2604233-BSD1)				Prepared: 04/24/2026 Analyzed: 04/27/2026						
Cyanide	2.0	0.10	mg/L	2.000		100	85-115	5	15	
Matrix Spike (2604233-MS1)		**Source: 26D0524-07**		Prepared: 04/24/2026 Analyzed: 04/27/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	97	80-120			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604233 - SM4500-CN BE										
Matrix Spike Dup (2604233-MSD1)	**Source: 26D0524-07**			Prepared: 04/24/2026 Analyzed: 04/27/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	96	80-120	1	15	

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604178 - SW8260B										
Blank (2604178-BLK1)				Prepared & Analyzed: 04/20/2026						
Benzene	0.079	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.061	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*66.6*		*ug/L*	*50.00*		*133*	*70-130*			*S11*
Surrogate: Dibromofluoromethane	*50.1*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*53.7*		*ug/L*	*50.00*		*107*	*70-130*			
LCS (2604178-BS1)				Prepared & Analyzed: 04/20/2026						
1,1-Dichloroethene	53	0.50	ug/L	50.00		107	70-130			
Benzene	55	0.50	ug/L	50.00		110	70-130			
Chlorobenzene	47	0.50	ug/L	50.00		94	70-130			
Toluene	51	0.50	ug/L	50.00		102	70-130			
Trichloroethene	47	0.50	ug/L	50.00		95	70-130			
Surrogate: 4-Bromofluorobenzene	*63.7*		*ug/L*	*50.00*		*127*	*70-130*			
Surrogate: Dibromofluoromethane	*50.6*		*ug/L*	*50.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*53.3*		*ug/L*	*50.00*		*107*	*70-130*			
LCS Dup (2604178-BSD1)				Prepared & Analyzed: 04/20/2026						
1,1-Dichloroethene	55	0.50	ug/L	50.00		111	70-130	4	30	
Benzene	58	0.50	ug/L	50.00		116	70-130	6	30	
Chlorobenzene	50	0.50	ug/L	50.00		100	70-130	7	30	
Toluene	54	0.50	ug/L	50.00		108	70-130	6	30	
Trichloroethene	49	0.50	ug/L	50.00		99	70-130	5	30	
Surrogate: 4-Bromofluorobenzene	*66.4*		*ug/L*	*50.00*		*133*	*70-130*			*S11*
Surrogate: Dibromofluoromethane	*49.9*		*ug/L*	*50.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*53.1*		*ug/L*	*50.00*		*106*	*70-130*			
Matrix Spike (2604178-MS1)	**Source: 26D0290-02**			Prepared: 04/20/2026 Analyzed: 04/21/2026						
1,1-Dichloroethene	62	0.50	ug/L	50.00	ND	123	70-130			
Benzene	62	0.50	ug/L	50.00	ND	125	70-130			
Chlorobenzene	52	0.50	ug/L	50.00	ND	103	70-130			
Toluene	58	0.50	ug/L	50.00	ND	115	70-130			
Trichloroethene	52	0.50	ug/L	50.00	ND	104	70-130			
Surrogate: 4-Bromofluorobenzene	*65.3*		*ug/L*	*50.00*		*131*	*70-130*			*S11*
Surrogate: Dibromofluoromethane	*50.4*		*ug/L*	*50.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*54.1*		*ug/L*	*50.00*		*108*	*70-130*			
Matrix Spike (2604178-MS2)	**Source: 26D0291-01**			Prepared: 04/20/2026 Analyzed: 04/21/2026						
1,1-Dichloroethene	55	0.50	ug/L	50.00	ND	110	70-130			
Benzene	56	0.50	ug/L	50.00	ND	112	70-130			
Chlorobenzene	46	0.50	ug/L	50.00	ND	93	70-130			
Toluene	52	0.50	ug/L	50.00	ND	103	70-130			
Trichloroethene	45	0.50	ug/L	50.00	ND	91	70-130			
Surrogate: 4-Bromofluorobenzene	*65.7*		*ug/L*	*50.00*		*131*	*70-130*			*S11*
Surrogate: Dibromofluoromethane	*51.3*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*54.4*		*ug/L*	*50.00*		*109*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604178 - SW8260B										
Matrix Spike Dup (2604178-MSD1)	**Source: 26D0290-02**			Prepared: 04/20/2026 Analyzed: 04/21/2026						
1,1-Dichloroethene	59	0.50	ug/L	50.00	ND	117	70-130	5	30	
Benzene	59	0.50	ug/L	50.00	ND	118	70-130	5	30	
Chlorobenzene	51	0.50	ug/L	50.00	ND	101	70-130	2	30	
Toluene	55	0.50	ug/L	50.00	ND	110	70-130	5	30	
Trichloroethene	50	0.50	ug/L	50.00	ND	99	70-130	5	30	
Surrogate: 4-Bromofluorobenzene	*68.1*		*ug/L*	*50.00*		*136*	*70-130*			*S11*
Surrogate: Dibromofluoromethane	*51.7*		*ug/L*	*50.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*55.5*		*ug/L*	*50.00*		*111*	*70-130*			
Matrix Spike Dup (2604178-MSD2)	**Source: 26D0291-01**			Prepared: 04/20/2026 Analyzed: 04/21/2026						
1,1-Dichloroethene	62	0.50	ug/L	50.00	ND	123	70-130	12	30	
Benzene	62	0.50	ug/L	50.00	ND	125	70-130	11	30	
Chlorobenzene	51	0.50	ug/L	50.00	ND	102	70-130	10	30	
Toluene	57	0.50	ug/L	50.00	ND	114	70-130	10	30	
Trichloroethene	51	0.50	ug/L	50.00	ND	101	70-130	11	30	
Surrogate: 4-Bromofluorobenzene	*65.4*		*ug/L*	*50.00*		*131*	*70-130*			*S11*
Surrogate: Dibromofluoromethane	*52.9*		*ug/L*	*50.00*		*106*	*70-130*			
Surrogate: Toluene-d8	*55.4*		*ug/L*	*50.00*		*111*	*70-130*			
Batch 2604247 - SW8260B										
Blank (2604247-BLK1)				Prepared & Analyzed: 04/27/2026						
Benzene	0.081	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.062	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*69.3*		*ug/L*	*50.00*		*139*	*70-130*			*S4*
Surrogate: Dibromofluoromethane	*53.0*		*ug/L*	*50.00*		*106*	*70-130*			
Surrogate: Toluene-d8	*56.5*		*ug/L*	*50.00*		*113*	*70-130*			
LCS (2604247-BS1)				Prepared & Analyzed: 04/27/2026						
1,1-Dichloroethene	60	0.50	ug/L	50.00		120	70-130			
Benzene	59	0.50	ug/L	50.00		118	70-130			
Chlorobenzene	50	0.50	ug/L	50.00		100	70-130			
Toluene	54	0.50	ug/L	50.00		109	70-130			
Trichloroethene	51	0.50	ug/L	50.00		103	70-130			
Surrogate: 4-Bromofluorobenzene	*68.1*		*ug/L*	*50.00*		*136*	*70-130*			
Surrogate: Dibromofluoromethane	*52.0*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Toluene-d8	*53.8*		*ug/L*	*50.00*		*108*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604247 - SW8260B										
LCS Dup (2604247-BSD1)				Prepared & Analyzed: 04/27/2026						
1,1-Dichloroethene	54	0.50	ug/L	50.00		107	70-130	12	30	
Benzene	60	0.50	ug/L	50.00		120	70-130	2	30	
Chlorobenzene	49	0.50	ug/L	50.00		98	70-130	2	30	
Toluene	51	0.50	ug/L	50.00		101	70-130	7	30	
Trichloroethene	47	0.50	ug/L	50.00		95	70-130	8	30	
Surrogate: 4-Bromofluorobenzene	*65.6*		*ug/L*	*50.00*		*131*	*70-130*			
Surrogate: Dibromofluoromethane	*56.7*		*ug/L*	*50.00*		*113*	*70-130*			
Surrogate: Toluene-d8	*50.2*		*ug/L*	*50.00*		*100*	*70-130*			
Matrix Spike (2604247-MS1)	**Source: 26D0490-06**			Prepared: 04/27/2026 Analyzed: 04/28/2026						
1,1-Dichloroethene	610	5.0	ug/L	500.0	ND	121	70-130			
Benzene	620	5.0	ug/L	500.0	ND	124	70-130			
Chlorobenzene	480	5.0	ug/L	500.0	ND	95	70-130			
Toluene	520	5.0	ug/L	500.0	ND	105	70-130			
Trichloroethene	490	5.0	ug/L	500.0	ND	98	70-130			
Surrogate: 4-Bromofluorobenzene	*690*		*ug/L*	*500.0*		*138*	*70-130*			
Surrogate: Dibromofluoromethane	*558*		*ug/L*	*500.0*		*112*	*70-130*			
Surrogate: Toluene-d8	*535*		*ug/L*	*500.0*		*107*	*70-130*			
Matrix Spike (2604247-MS2)	**Source: 26D0490-14**			Prepared: 04/27/2026 Analyzed: 04/28/2026						
1,1-Dichloroethene	640	5.0	ug/L	500.0	ND	128	70-130			
Benzene	650	5.0	ug/L	500.0	ND	130	70-130			M1
Chlorobenzene	540	5.0	ug/L	500.0	0.75	107	70-130			
Toluene	620	5.0	ug/L	500.0	ND	123	70-130			
Trichloroethene	520	5.0	ug/L	500.0	ND	104	70-130			
Surrogate: 4-Bromofluorobenzene	*697*		*ug/L*	*500.0*		*139*	*70-130*			
Surrogate: Dibromofluoromethane	*505*		*ug/L*	*500.0*		*101*	*70-130*			
Surrogate: Toluene-d8	*573*		*ug/L*	*500.0*		*115*	*70-130*			
Matrix Spike Dup (2604247-MSD1)	**Source: 26D0490-06**			Prepared: 04/27/2026 Analyzed: 04/28/2026						
1,1-Dichloroethene	630	5.0	ug/L	500.0	ND	126	70-130	4	30	
Benzene	660	5.0	ug/L	500.0	ND	132	70-130	6	30	M1
Chlorobenzene	500	5.0	ug/L	500.0	ND	99	70-130	4	30	
Toluene	550	5.0	ug/L	500.0	ND	109	70-130	4	30	
Trichloroethene	500	5.0	ug/L	500.0	ND	101	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*708*		*ug/L*	*500.0*		*142*	*70-130*			
Surrogate: Dibromofluoromethane	*543*		*ug/L*	*500.0*		*109*	*70-130*			
Surrogate: Toluene-d8	*538*		*ug/L*	*500.0*		*108*	*70-130*			
Matrix Spike Dup (2604247-MSD2)	**Source: 26D0490-14**			Prepared: 04/27/2026 Analyzed: 04/28/2026						
1,1-Dichloroethene	690	5.0	ug/L	500.0	ND	138	70-130	7	30	M1
Benzene	700	5.0	ug/L	500.0	ND	140	70-130	7	30	M1
Chlorobenzene	560	5.0	ug/L	500.0	0.75	112	70-130	4	30	
Toluene	620	5.0	ug/L	500.0	ND	123	70-130	0.2	30	
Trichloroethene	560	5.0	ug/L	500.0	ND	112	70-130	8	30	
Surrogate: 4-Bromofluorobenzene	*700*		*ug/L*	*500.0*		*140*	*70-130*			
Surrogate: Dibromofluoromethane	*543*		*ug/L*	*500.0*		*109*	*70-130*			
Surrogate: Toluene-d8	*544*		*ug/L*	*500.0*		*109*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604283 - SW8260B										
Blank (2604283-BLK1)				Prepared & Analyzed: 04/30/2026						
Benzene	0.17	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	0.26	0.50	ug/L							
Toluene	ND	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*20.9*		*ug/L*	*25.00*		*84*	*70-130*			
Surrogate: Dibromofluoromethane	*25.0*		*ug/L*	*25.00*		*100*	*70-130*			
Surrogate: Toluene-d8	*26.5*		*ug/L*	*25.00*		*106*	*70-130*			
LCS (2604283-BS1)				Prepared & Analyzed: 04/30/2026						
1,1-Dichloroethene	30		ug/L	25.00		118	70-130			
Benzene	31		ug/L	25.00		125	70-130			
Chlorobenzene	30		ug/L	25.00		120	70-130			
Toluene	28		ug/L	25.00		113	70-130			
Trichloroethene	26		ug/L	25.00		106	70-130			
Surrogate: 4-Bromofluorobenzene	*22.0*		*ug/L*	*25.00*		*88*	*70-130*			
Surrogate: Dibromofluoromethane	*26.4*		*ug/L*	*25.00*		*106*	*70-130*			
Surrogate: Toluene-d8	*26.2*		*ug/L*	*25.00*		*105*	*70-130*			
LCS Dup (2604283-BSD1)				Prepared & Analyzed: 04/30/2026						
1,1-Dichloroethene	30		ug/L	25.00		118	70-130	0	30	
Benzene	31		ug/L	25.00		126	70-130	0.8	30	
Chlorobenzene	30		ug/L	25.00		121	70-130	0.9	30	
Toluene	29		ug/L	25.00		114	70-130	2	30	
Trichloroethene	27		ug/L	25.00		107	70-130	0.8	30	
Surrogate: 4-Bromofluorobenzene	*21.6*		*ug/L*	*25.00*		*86*	*70-130*			
Surrogate: Dibromofluoromethane	*26.4*		*ug/L*	*25.00*		*106*	*70-130*			
Surrogate: Toluene-d8	*26.8*		*ug/L*	*25.00*		*107*	*70-130*			
Matrix Spike (2604283-MS1)	**Source: 26D0727-02**			Prepared: 04/30/2026 Analyzed: 05/01/2026						
1,1-Dichloroethene	28		ug/L	25.00	0.020	111	70-130			
Benzene	33		ug/L	25.00	0.030	132	70-130			M1
Chlorobenzene	29		ug/L	25.00	0.0	118	70-130			
Toluene	28		ug/L	25.00	0.14	110	70-130			
Trichloroethene	26		ug/L	25.00	0.0	103	70-130			
Surrogate: 4-Bromofluorobenzene	*18.9*		*ug/L*	*25.00*		*76*	*70-130*			
Surrogate: Dibromofluoromethane	*31.3*		*ug/L*	*25.00*		*125*	*70-130*			
Surrogate: Toluene-d8	*25.2*		*ug/L*	*25.00*		*101*	*70-130*			
Matrix Spike Dup (2604283-MSD1)	**Source: 26D0727-02**			Prepared: 04/30/2026 Analyzed: 05/01/2026						
1,1-Dichloroethene	28		ug/L	25.00	0.020	113	70-130	2	30	
Benzene	32		ug/L	25.00	0.030	128	70-130	3	30	
Chlorobenzene	29		ug/L	25.00	0.0	118	70-130	0	30	
Toluene	27		ug/L	25.00	0.14	108	70-130	1	30	
Trichloroethene	27		ug/L	25.00	0.0	106	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*19.5*		*ug/L*	*25.00*		*78*	*70-130*			
Surrogate: Dibromofluoromethane	*31.5*		*ug/L*	*25.00*		*126*	*70-130*			
Surrogate: Toluene-d8	*25.8*		*ug/L*	*25.00*		*103*	*70-130*			

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Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604130 - EPA 300.0 (2.1)										
Blank (2604130-BLK1)				Prepared & Analyzed: 04/14/2026						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2604130-BS1)				Prepared & Analyzed: 04/14/2026						
Chloride	12	1.0	mg/L	12.50		96	90-110			
Fluoride	1.9	0.50	mg/L	2.000		97	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110			
Sulfate	13	5.0	mg/L	12.50		103	90-110			
LCS Dup (2604130-BSD1)				Prepared & Analyzed: 04/14/2026						
Chloride	12	1.0	mg/L	12.50		96	90-110	0.03	10	
Fluoride	1.9	0.50	mg/L	2.000		97	90-110	0.2	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		98	90-110	0.08	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110	0.3	10	
Sulfate	13	5.0	mg/L	12.50		103	90-110	0.1	10	
Matrix Spike (2604130-MS1)	**Source: 26D0403-02**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	12	1.0	mg/L	12.50	ND	99	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	98	80-120			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	98	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	13	5.0	mg/L	12.50	3.2	79	80-120			M2
Matrix Spike (2604130-MS2)	**Source: 26D0403-03**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	12	1.0	mg/L	12.50	ND	99	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	99	80-120			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	99	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120			
Sulfate	13	5.0	mg/L	12.50	ND	105	80-120			
Matrix Spike (2604130-MS3)	**Source: 26D0404-01**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	18	1.0	mg/L	12.50	5.2	98	80-120			
Fluoride	2.4	0.50	mg/L	2.000	0.47	96	80-120			
Nitrogen, Nitrate (As N)	5.3	0.50	mg/L	5.000	0.53	96	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	98	80-120			
Matrix Spike (2604130-MS4)	**Source: 26D0416-01**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	27	1.0	mg/L	12.50	14	104	80-120			
Fluoride	15	0.50	mg/L	2.000	14	90	80-120			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	100	80-120			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	97	80-120			
Sulfate	39	5.0	mg/L	12.50	28	80	80-120			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604130 - EPA 300.0 (2.1)										
Matrix Spike (2604130-MS5)	**Source: 26D0430-06**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	12	1.0	mg/L	12.50	ND	97	80-120			
Fluoride	2.0	0.50	mg/L	2.000	ND	99	80-120			
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	99	80-120			
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	98	80-120			
Sulfate	13	5.0	mg/L	12.50	ND	106	80-120			
Matrix Spike Dup (2604130-MSD1)	**Source: 26D0403-02**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	12	1.0	mg/L	12.50	ND	99	80-120	0.5	10	
Fluoride	2.0	0.50	mg/L	2.000	ND	99	80-120	0.1	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	99	80-120	0.4	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120	0.7	10	
Sulfate	13	5.0	mg/L	12.50	3.2	80	80-120	0.7	10	
Matrix Spike Dup (2604130-MSD2)	**Source: 26D0403-03**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	12	1.0	mg/L	12.50	ND	99	80-120	0.2	10	
Fluoride	2.0	0.50	mg/L	2.000	ND	99	80-120	0.09	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000	ND	99	80-120	0.06	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120	0.2	10	
Sulfate	13	5.0	mg/L	12.50	ND	105	80-120	0.1	10	
Matrix Spike Dup (2604130-MSD3)	**Source: 26D0404-01**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	17	1.0	mg/L	12.50	5.2	98	80-120	0.2	10	
Fluoride	2.4	0.50	mg/L	2.000	0.47	96	80-120	0.2	10	
Nitrogen, Nitrate (As N)	5.3	0.50	mg/L	5.000	0.53	96	80-120	0.06	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500	ND	98	80-120	0.09	10	
Matrix Spike Dup (2604130-MSD4)	**Source: 26D0416-01**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	27	1.0	mg/L	12.50	14	104	80-120	0.3	10	
Fluoride	15	0.50	mg/L	2.000	14	91	80-120	0.1	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	101	80-120	0.6	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	98	80-120	0.8	10	
Sulfate	39	5.0	mg/L	12.50	28	81	80-120	0.2	10	
Matrix Spike Dup (2604130-MSD5)	**Source: 26D0430-06**			Prepared: 04/14/2026 Analyzed: 04/15/2026						
Chloride	12	1.0	mg/L	12.50	ND	98	80-120	0.2	10	
Fluoride	2.0	0.50	mg/L	2.000	ND	100	80-120	0.3	10	
Nitrogen, Nitrate (As N)	5.0	0.50	mg/L	5.000	ND	100	80-120	0.3	10	
Nitrogen, Nitrite (As N)	2.5	0.10	mg/L	2.500	ND	99	80-120	0.4	10	
Sulfate	13	5.0	mg/L	12.50	ND	106	80-120	0.2	10	

TURNER LABORATORY, INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # 2600386 DATE 4/14/26 PAGE 1 OF 1

PROJECT NAME Groundwater # _____
CONTACT NAME TJ. Raica
COMPANY NAME Copper World
ADDRESS 5285 E. Williams circle, suite 201
ZIP Tucson PHONE AZ EMAIL _____
SAMPLER'S SIGNATURE _____

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	Total Uranium GW
POC-01	4/14/26	10:10		GW	9	X
POC-02	4/14/26	11:45		GW	9	X
POC-02 DUP	4/14/26	12:14		GW	9	X
POC-05	4/14/26	13:40		GW	9	X
POC-06	4/14/26	15:00		GW	9	X
Field Blank	4/14/26	14:50			9	
Trip Blank						

1. RELINQUISHED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time 4/15/26 16:29

2. RECEIVED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

3. RELINQUISHED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

4. RECEIVED BY:
Signature _____
Printed Name _____
Firm TURNER LABORATORIES, INC.
Date/Time 4/15/26 16:37

TURNAROUND REQUIREMENTS:
___ Standard (approx. 10 days)*
X Next Day ___ 2 Day ___ 5 Day*
___ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
___ I. Routine Report
___ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
___ III. Data Validation Report (Includes All Raw Data) Add 10% to invoice

INVOICE INFORMATION:
Account ___ Y ___ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers: 27
Temperature: 4.7
☐ Wet Ice ☐ Ambient ☐ Blue Ice
IR # 415

* LEGEND
SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No	Custody Seals ☐	Preservation Confirmation ☐
ADEQ Forms: ☐ Yes ☐ No	Container Intact ☐	Appropriate Head Space ☐
Mail ADEQ Forms: ☐ Yes ☐ No	COC / Labels Agree ☐	Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:
Total Uranium TAT 24 hrs
All other analysis : ASAP acalmenero@piteau.com

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST.• CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 14, 2026
Sample Received: April 17, 2026
Analysis Completed: April 23, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26D0430-01	12.7 ± 0.8	9.5 ± 1.0	3.2 ± 1.3	0.9 ± 0.2	1.4 ± 0.3	2.3 ± 0.4

Analysis Date/Time	4/22/2026	4/21/2026	4/22/2026	4/22/2026	4/22/2026	4/22/2026
	2:32	10:27	2:32	9:12	9:12	9:12

4/23/2026

Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 14, 2026
Sample Received: April 17, 2026
Uranium Analysis Date: April 21, 2026
Uranium Analysis Time: 10:27

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26D0430-01	3.6 ± 0.5	0.166 ± 0.003	5.8 ± 0.6	9.5 ± 1.0	Activity (pCi/L)
	10.6 ± 1.3	0.078 ± 0.001	0.00093 ± 0.00009	10.7 ± 1.3	Content (µg/L)
	Comments:				

April 23, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

April 14, 2026 (Sample Date) 10:10 (Sample Time) (24 hour clock) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring Date Q1 collected: _____

☐ Quarterly Date Q2 collected: _____

☐ Composite of four quarterly samples Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	4/22/2026	3.2 ± 1.3		
EPA 00-02		3 pCi/L	Gross Alpha	4002	4/22/2026	12.7 ± 0.8		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	4/21/2026	10.7 ± 1.3	µg/L	
			Uranium 234	4007	4/21/2026	0.00093 ± 0.00009		
			Uranium 235	4008	4/21/2026	0.078 ± 0.001		
			Uranium 238	4009	4/21/2026	10.6 ± 1.3		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	4/22/2026	2.3 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	4/22/2026	0.9 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	4/22/2026	1.4 ± 0.3		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79842

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26D0430-01

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST.• CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 14, 2026
Sample Received: April 17, 2026
Analysis Completed: April 23, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26D0430-02	20.8 ± 2.5	12.7 ± 1.2	8.1 ± 2.8	0.7 ± 0.2	5.2 ± 0.5	5.9 ± 0.5

Analysis Date/Time	4/22/2026 23:33	4/22/2026 11:30	4/22/2026 11:30	4/22/2026 13:12	4/22/2026 13:12	4/22/2026 13:12

Robert L. Metzger, Ph.D., C.H.P. — 4/23/2026 Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 14, 2026
Sample Received: April 17, 2026
Uranium Analysis Date: April 22, 2026
Uranium Analysis Time: 11:30

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26D0430-02	4.7 ± 0.5	0.220 ± 0.004	7.8 ± 0.7	12.7 ± 1.2	Activity (pCi/L)
	14.1 ± 1.5	0.103 ± 0.002	0.00125 ± 0.00011	14.2 ± 1.5	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P. — April 23, 2026 Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____

PWS Name: _____

April 14, 2026 (Sample Date) 11:45 (Sample Time) (24 hour clock)

Owner/Contact Person: _____

Owner/Contact Fax Number: _____

Owner/Contact Phone Number: _____

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	4/22/2026	8.1 ± 2.8		
EPA 00-02		3 pCi/L	Gross Alpha	4002	4/22/2026	20.8 ± 2.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	4/22/2026	14.2 ± 1.5	µg/L	
			Uranium 234	4007	4/22/2026	0.00125 ± 0.00011		
			Uranium 235	4008	4/22/2026	0.103 ± 0.002		
			Uranium 238	4009	4/22/2026	14.1 ± 1.5		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	4/22/2026	5.9 ± 0.5		X
GammaRay HPGE		1 pCi/L	Radium 226	4020	4/22/2026	0.7 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	4/22/2026	5.2 ± 0.5		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79843

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26D0430-02

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5448

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 14, 2026
Sample Received: April 17, 2026
Analysis Completed: April 23, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26D0430-03	25.4 ± 2.7	15.3 ± 1.3	10.1 ± 3.0	1.0 ± 0.2	4.0 ± 0.4	5.0 ± 0.4

Analysis Date/Time	4/23/2026	4/21/2026	4/23/2026	4/22/2026	4/22/2026	4/22/2026
	2:53	115:	2:53	17:13	17:13	17:13

Robert L. Metzger, Ph.D., C.H.P. — 4/23/2026 Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 14, 2026
Sample Received: April 17, 2026
Uranium Analysis Date: April 21, 2026
Uranium Analysis Time: 115:

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26D0430-03	5.5 ± 0.6	0.258 ± 0.004	9.5 ± 0.8	15.3 ± 1.3	Activity (pCi/L)
	16.5 ± 1.7	0.121 ± 0.002	0.00153 ± 0.00012	16.6 ± 1.7	Content (µg/L)
	Comments:				

April 23, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

April 14, 2026 (Sample Date) 12:14 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	4/23/2026	10.1 ± 3.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	4/23/2026	25.4 ± 2.7		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	4/21/2026	16.6 ± 1.7	µg/L	
			Uranium 234	4007	4/21/2026	0.00153 ± 0.00012		
			Uranium 235	4008	4/21/2026	0.121 ± 0.002		
			Uranium 238	4009	4/21/2026	16.5 ± 1.7		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	4/22/2026	5.0 ± 0.4		
GammaRay HPGE		1 pCi/L	Radium 226	4020	4/22/2026	1.0 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	4/22/2026	4.0 ± 0.4		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79844

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26D0430-03

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 14, 2026
Sample Received: April 17, 2026
Analysis Completed: April 23, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26D0430-04	22.4 ± 1.1	22.4 ± 1.6	< 1.0	0.9 ± 0.2	< 0.7	0.9 ± 0.2

Analysis Date/Time	4/20/2026	4/21/2026	4/21/2026	4/22/2026	4/22/2026	4/22/2026
	4:13	12:02	12:02	21:14	21:14	21:14

Robert L. Metzger, Ph.D., C.H.P.
Laboratory License Number AZ0462

4/23/2026
Date

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 14, 2026
Sample Received: April 17, 2026
Uranium Analysis Date: April 21, 2026
Uranium Analysis Time: 12:02

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26D0430-04	8.9 ± 0.7	0.414 ± 0.005	13.1 ± 0.9	22.4 ± 1.6	Activity (pCi/L)
	26.4 ± 2.1	0.193 ± 0.002	0.00211 ± 0.00015	26.6 ± 2.1	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P. — April 23, 2026 Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

April 14, 2026 (Sample Date) 13:40 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	4/21/2026	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	4/20/2026	22.4 ± 1.1		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	4/21/2026	26.6 ± 2.1	µg/L	
			Uranium 234	4007	4/21/2026	0.00211 ± 0.00015		
			Uranium 235	4008	4/21/2026	0.193 ± 0.002		
			Uranium 238	4009	4/21/2026	26.4 ± 2.1		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	4/22/2026	0.9 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	4/22/2026	0.9 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	4/22/2026	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79845

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26D0430-04

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 14, 2026
Sample Received: April 17, 2026
Analysis Completed: April 23, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26D0430-05	15.8 ± 0.9	18.0 ± 1.5	< 1.0	1.0 ± 0.2	< 0.7	1.0 ± 0.2

Analysis Date/Time	4/22/2026	4/21/2026	4/22/2026	4/23/2026	4/23/2026	4/23/2026
	5:53	12:18	5:53	1:14	1:14	1:14

Robert L. Metzger, Ph.D., C.H.P. — 4/23/2026 Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 14, 2026
Sample Received: April 17, 2026
Uranium Analysis Date: April 21, 2026
Uranium Analysis Time: 12:18

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26D0430-05	7.1 ± 0.6	0.330 ± 0.005	10.6 ± 0.8	18.0 ± 1.5	Activity (pCi/L)
	21.1 ± 1.9	0.154 ± 0.002	0.00171 ± 0.00013	21.3 ± 1.9	Content (µg/L)
	Comments:				

April 23, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

April 14, 2026 (Sample Date) 15:00 (Sample Time) (24 hour clock)

Owner/Contact Person: _____

Owner/Contact Fax Number: _____

Owner/Contact Phone Number: _____

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	4/22/2026	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	4/22/2026	15.8 ± 0.9		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	4/21/2026	21.3 ± 1.9	µg/L	
			Uranium 234	4007	4/21/2026	0.00171 ± 0.00013		
			Uranium 235	4008	4/21/2026	0.154 ± 0.002		
			Uranium 238	4009	4/21/2026	21.1 ± 1.9		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	4/23/2026	1.0 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 226	4020	4/23/2026	1.0 ± 0.2		
GammaRay HPGE		1 pCi/L	Radium 228	4030	4/23/2026	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79846

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26D0430-05

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 14, 2026
Sample Received: April 17, 2026
Analysis Completed: April 23, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26D0430-06	< 0.5	< 0.4	< 0.5	< 0.7	< 0.7	< 0.7

Analysis Date/Time	4/22/2026	4/21/2026	4/22/2026	4/23/2026	4/23/2026	4/23/2026
	7:33	12:34	7:33	5:15	5:15	5:15

Robert L. Metzger, Ph.D., C.H.P.
Laboratory License Number AZ0462

4/23/2026
Date

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 14, 2026
Sample Received: April 17, 2026
Uranium Analysis Date: April 21, 2026
Uranium Analysis Time: 12:34

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26D0430-06	< 0.3	< 0.002	< 0.3	< 0.4	Activity (pCi/L)
	< 0.8	< 0.001	< 0.00005	< 0.8	Content (µg/L)
	Comments:				

April 23, 2026

Robert L. Metzger, Ph.D., C.H.P. Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

April 14, 2026 (Sample Date) 14:50 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	4/22/2026	< 0.5		
EPA 00-02		3 pCi/L	Gross Alpha	4002	4/22/2026	< 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	4/21/2026	< 0.8	µg/L	
			Uranium 234	4007	4/21/2026	< 0.00005		
			Uranium 235	4008	4/21/2026	< 0.001		
			Uranium 238	4009	4/21/2026	< 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	4/23/2026	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 226	4020	4/23/2026	< 0.7		
GammaRay HPGE		1 pCi/L	Radium 228	4030	4/23/2026	< 0.7		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79847

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26D0430-06

Authorized Signature: Robert L Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26D0430

7-Day Rush Please

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Lab@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26D0430-01 Non-Potable Wa Sampled:04/14/2026 10:10			
Radiochemistry, Gross Alpha	10/11/2026 10:10		
Radiochemistry, Radium 226/228	05/14/2026 10:10		
Radiochemistry, Uranium	10/11/2026 10:10		79842
Radiochemistry, Adjusted Gross alpha	10/11/2026 10:10		
Containers Supplied:			
Sample ID: 26D0430-02 Non-Potable Wa Sampled:04/14/2026 11:45			
Radiochemistry, Adjusted Gross alpha	10/11/2026 11:45		
Radiochemistry, Gross Alpha	10/11/2026 11:45		
Radiochemistry, Radium 226/228	05/14/2026 11:45		79843
Radiochemistry, Uranium	10/11/2026 11:45		
Containers Supplied:			
Sample ID: 26D0430-03 Non-Potable Wa Sampled:04/14/2026 12:14			
Radiochemistry, Uranium	10/11/2026 12:14		
Radiochemistry, Adjusted Gross alpha	10/11/2026 12:14		
Radiochemistry, Gross Alpha	10/11/2026 12:14		79844
Radiochemistry, Radium 226/228	05/14/2026 12:14		
Containers Supplied:			
Sample ID: 26D0430-04 Non-Potable Wa Sampled:04/14/2026 13:40			
Radiochemistry, Gross Alpha	10/11/2026 13:40		
Radiochemistry, Radium 226/228	05/14/2026 13:40		
Radiochemistry, Uranium	10/11/2026 13:40		79845
Radiochemistry, Adjusted Gross alpha	10/11/2026 13:40		
Containers Supplied:			

Released By	Date	Received By	Date
[signature]	4/16/26 1700	B2B 4/16/26 4/17 ST	1700
Released By	Date	Received By	Date
		MS 4-17-26	8:43

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26D0430

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26D0430-05 Non-Potable Wa Sampled:04/14/2026 15:00			
Radiochemistry, Adjusted Gross alpha	10/11/2026 15:00		
Radiochemistry, Gross Alpha	10/11/2026 15:00		
Radiochemistry, Radium 226/228	05/14/2026 15:00		79846
Radiochemistry, Uranium	10/11/2026 15:00		
Containers Supplied:			
Sample ID: 26D0430-06 Non-Potable Wa Sampled:04/14/2026 14:50			
Radiochemistry, Uranium	10/11/2026 14:50		
Radiochemistry, Adjusted Gross alpha	10/11/2026 14:50		
Radiochemistry, Gross Alpha	10/11/2026 14:50		79847
Radiochemistry, Radium 226/228	05/14/2026 14:50		
Containers Supplied:			

7 Day Rush
Please

Tyler Tilden 4/16/26 1700 BZB 4/16/26 1700

Released By Date Received By Date

MS 4-17-26 8:43

Released By Date Received By Date

May 01, 2026

Teague Raica
Copper World, Inc.
5285 East Williams Circle, Suite 2010
Tucson, AZ 85711

TEL (520) 293-3579
FAX (520) 495-3540

Work Order No.: 26D0483

RE: Ambient GW Monitoring

Dear Teague Raica,

Turner Laboratories, Inc. received 4 sample(s) on 04/16/2026 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Elizabeth Kasik
Laboratory Director

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Date Received: 04/16/2026

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
26D0483-01	POC - 10	Ground Water	04/15/2026 1015
26D0483-02	POC - 09	Ground Water	04/15/2026 1210
26D0483-03	POC - 08	Ground Water	04/15/2026 1335
26D0483-04	POC - 07	Ground Water	04/15/2026 1510

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Date Received: 04/16/2026

Case Narrative

The radiochemistry analysis was performed by Radiation Safety Engineering, Inc. in Chandler, AZ.

E4	Concentration estimated. Analyte was detected below laboratory Minimum Reporting Limit (MRL) but above MDL.
E8	Analyte reported to MDL per project specification. Target analyte was not detected in the sample.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
J	Estimated value
M1	Matrix spike recovery was high; the associated LCS/LCSD was acceptable.
M2	Matrix spike recovery was low; the associated LCS/LCSD was acceptable.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS/LCSD recovery was acceptable.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
U	Analyte included in the analysis, but not detected
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND	Not Detected at or above the PQL
PQL	Practical Quantitation Limit
DF	Dilution Factor

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Lab Sample ID: 26D0483-01

Client Sample ID: POC - 10
Collection Date/Time: 04/15/2026 1015
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	2.5	0.58	1.1		mg/L	1	04/21/2026 1149	04/22/2026 1545	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	1.9	0.28	0.60		mg/L	1	04/16/2026 1100	04/16/2026 1735	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.057	0.020	0.30	E4	mg/L	1	04/21/2026 0957	04/24/2026 1437	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0025	0.000016	0.00056		mg/L	1	04/17/2026 1032	04/17/2026 1512	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	96	0.13	4.0		mg/L	1	04/24/2026 1124	04/25/2026 1231	RAR
Magnesium	16	0.10	3.0		mg/L	1	04/24/2026 1124	04/25/2026 1231	RAR
Potassium	1.6	0.14	5.0	E4	mg/L	1	04/24/2026 1124	04/25/2026 1231	RAR
Sodium	6.3	0.58	5.0		mg/L	1	04/24/2026 1124	04/25/2026 1231	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Antimony	0.00015	0.000039	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Arsenic	0.0024	0.00010	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Barium	0.014	0.000029	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Beryllium	0.000035	0.000013	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Cadmium	0.000080	0.000050	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Chromium	0.0012	0.000023	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Cobalt	0.000097	0.000010	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Copper	0.0057	0.00015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Manganese	0.0016	0.000038	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Molybdenum	0.050	0.000025	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Nickel	0.0012	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Selenium	0.0089	0.00025	0.0025		mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
Uranium	0.0025	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/23/2026 1612	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Lab Sample ID: 26D0483-01

Client Sample ID: POC - 10
Collection Date/Time: 04/15/2026 1015
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Zinc	0.0058	0.0023	0.040	E4	mg/L	1	04/22/2026 1540	04/22/2026 1928	RAR
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	04/22/2026 0821	04/22/2026 1510	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10	0.75	1.0		mg/L	1	04/16/2026 1100	04/16/2026 1735	SS
Fluoride	0.84	0.18	0.50		mg/L	1	04/16/2026 1100	04/16/2026 1735	SS
Nitrogen, Nitrate (As N)	1.9	0.27	0.50		mg/L	1	04/16/2026 1100	04/16/2026 1735	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	04/16/2026 1100	04/16/2026 1735	SS
Sulfate	65	2.8	5.0		mg/L	1	04/16/2026 1100	04/16/2026 1735	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.55	0.30	0.50		mg/L	1	04/21/2026 1149	04/22/2026 1545	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	04/23/2026 1027	04/23/2026 1515	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	260	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Total (As CaCO3)	260	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	410	20	20		mg/L	1	04/17/2026 0946	04/23/2026 1035	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	04/24/2026 0928	04/27/2026 1533	SJS
pH-SM4500-H+ B									

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Lab Sample ID: 26D0483-01

Client Sample ID: POC - 10
Collection Date/Time: 04/15/2026 1015
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
pH (pH Units)	8.1			H5	-	1	05/01/2026 1530	05/01/2026 1546	MAM
Temperature (°C)	21			H5	-	1	05/01/2026 1530	05/01/2026 1546	MAM
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	04/27/2026 1054	04/28/2026 0329	ES
Carbon disulfide	ND	0.11	2.0	E8, V1	ug/L	1	04/27/2026 1054	04/28/2026 0329	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	04/27/2026 1054	04/28/2026 0329	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	04/27/2026 1054	04/28/2026 0329	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	04/27/2026 1054	04/28/2026 0329	ES
Surr: 4-Bromofluorobenzene	*140*	*70-130*	*S4*		*%REC*	*1*	*04/27/2026 1054*	*04/28/2026 329*	*ES*
Surr: Dibromofluoromethane	*102*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/28/2026 329*	*ES*
Surr: Toluene-d8	*111*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/28/2026 329*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Lab Sample ID: 26D0483-02

Client Sample ID: POC - 09
Collection Date/Time: 04/15/2026 1210
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	04/21/2026 1149	04/22/2026 1545	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.54	0.28	0.60	J	mg/L	1	04/16/2026 1100	04/16/2026 1758	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	04/21/2026 0957	04/24/2026 1440	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0039	0.000016	0.00056		mg/L	1	04/17/2026 1032	04/17/2026 1515	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	66	0.13	4.0		mg/L	1	04/24/2026 1124	04/25/2026 1234	RAR
Magnesium	15	0.10	3.0		mg/L	1	04/24/2026 1124	04/25/2026 1234	RAR
Potassium	2.0	0.14	5.0	E4	mg/L	1	04/24/2026 1124	04/25/2026 1234	RAR
Sodium	12	0.58	5.0		mg/L	1	04/24/2026 1124	04/25/2026 1234	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Antimony	0.00013	0.000039	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Arsenic	0.0042	0.00010	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Barium	0.019	0.000029	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Beryllium	0.000025	0.000013	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Chromium	0.00083	0.000023	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Cobalt	0.000074	0.000010	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Copper	0.010	0.00015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Manganese	0.00085	0.000038	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Molybdenum	0.024	0.000025	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Nickel	0.00081	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Selenium	0.0018	0.00025	0.0025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR
Uranium	0.0045	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/23/2026 1615	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1931	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Lab Sample ID: 26D0483-02

Client Sample ID: POC - 09
Collection Date/Time: 04/15/2026 1210
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	04/22/2026 0821	04/22/2026 1512	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11	0.75	1.0		mg/L	1	04/16/2026 1100	04/16/2026 1758	SS
Fluoride	1.4	0.18	0.50		mg/L	1	04/16/2026 1100	04/16/2026 1758	SS
Nitrogen, Nitrate (As N)	0.54	0.27	0.50		mg/L	1	04/16/2026 1100	04/16/2026 1758	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	04/16/2026 1100	04/16/2026 1758	SS
Sulfate	17	2.8	5.0		mg/L	1	04/16/2026 1100	04/16/2026 1758	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.48	0.30	0.50	E4	mg/L	1	04/21/2026 1149	04/22/2026 1545	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	04/23/2026 1027	04/23/2026 1515	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	240	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Total (As CaCO3)	240	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	310	20	20		mg/L	1	04/17/2026 0946	04/23/2026 1035	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	04/24/2026 0928	04/27/2026 1533	SJS
pH-SM4500-H+ B									
pH (pH Units)	8.0			H5	-	1	05/01/2026 1530	05/01/2026 1558	MAM
Temperature (°C)	21			H5	-	1	05/01/2026 1530	05/01/2026 1558	MAM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Lab Sample ID: 26D0483-02

Client Sample ID: POC - 09
Collection Date/Time: 04/15/2026 1210
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	04/27/2026 1054	04/28/2026 0404	ES
Carbon disulfide	ND	0.11	2.0	E8, V1	ug/L	1	04/27/2026 1054	04/28/2026 0404	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	04/27/2026 1054	04/28/2026 0404	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	04/27/2026 1054	04/28/2026 0404	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	04/27/2026 1054	04/28/2026 0404	ES
Surr: 4-Bromofluorobenzene	*142*	*70-130*	*S4*		*%REC*	*1*	*04/27/2026 1054*	*04/28/2026 404*	*ES*
Surr: Dibromofluoromethane	*102*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/28/2026 404*	*ES*
Surr: Toluene-d8	*114*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/28/2026 404*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Lab Sample ID: 26D0483-03

Client Sample ID: POC - 08
Collection Date/Time: 04/15/2026 1335
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	ND	0.58	1.1		mg/L	1	04/21/2026 1149	04/22/2026 1545	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	ND	0.28	0.60	U	mg/L	1	04/16/2026 1100	04/16/2026 1822	SS
ICP Total Metals-E200.7 (4.4)									
Iron	0.41	0.020	0.30		mg/L	1	04/21/2026 0957	04/24/2026 1443	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.00095	0.000016	0.00056		mg/L	1	04/17/2026 1032	04/17/2026 1518	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	71	0.13	4.0		mg/L	1	04/24/2026 1124	04/25/2026 1237	RAR
Magnesium	9.3	0.10	3.0		mg/L	1	04/24/2026 1124	04/25/2026 1237	RAR
Potassium	2.4	0.14	5.0	E4	mg/L	1	04/24/2026 1124	04/25/2026 1237	RAR
Sodium	15	0.58	5.0		mg/L	1	04/24/2026 1124	04/25/2026 1237	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Antimony	ND	0.000039	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Arsenic	0.0050	0.00010	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Barium	0.032	0.000029	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Beryllium	0.000017	0.000013	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Chromium	0.00034	0.000023	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Cobalt	0.000087	0.000010	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Copper	0.0035	0.00015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Manganese	0.18	0.000038	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Molybdenum	0.75	0.000025	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Nickel	0.00071	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Selenium	0.00066	0.00025	0.0025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Thallium	ND	0.000023	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR
Uranium	0.0012	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/23/2026 1618	RAR
Zinc	ND	0.0023	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1934	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Lab Sample ID: 26D0483-03

Client Sample ID: POC - 08
Collection Date/Time: 04/15/2026 1335
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	04/22/2026 0821	04/22/2026 1520	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	10	0.75	1.0		mg/L	1	04/16/2026 1100	04/16/2026 1822	SS
Fluoride	1.7	0.18	0.50		mg/L	1	04/16/2026 1100	04/16/2026 1822	SS
Nitrogen, Nitrate (As N)	ND	0.27	0.50	E8	mg/L	1	04/16/2026 1100	04/16/2026 1822	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	04/16/2026 1100	04/16/2026 1822	SS
Sulfate	120	5.6	10		mg/L	2	04/16/2026 1100	04/27/2026 1613	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.45	0.30	0.50	E4	mg/L	1	04/21/2026 1149	04/22/2026 1545	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	04/23/2026 1027	04/23/2026 1515	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	140	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Total (As CaCO3)	140	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	390	20	20		mg/L	1	04/17/2026 0946	04/23/2026 1035	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	04/24/2026 0928	04/27/2026 1533	SJS
pH-SM4500-H+ B									
pH (pH Units)	7.9			H5	-	1	05/01/2026 1530	05/01/2026 1601	MAM
Temperature (°C)	18			H5	-	1	05/01/2026 1530	05/01/2026 1601	MAM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Lab Sample ID: 26D0483-03

Client Sample ID: POC - 08
Collection Date/Time: 04/15/2026 1335
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	04/27/2026 1054	04/28/2026 0438	ES
Carbon disulfide	ND	0.11	2.0	E8, V1	ug/L	1	04/27/2026 1054	04/28/2026 0438	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	04/27/2026 1054	04/28/2026 0438	ES
Toluene	0.085	0.057	0.50	E4	ug/L	1	04/27/2026 1054	04/28/2026 0438	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	04/27/2026 1054	04/28/2026 0438	ES
Surr: 4-Bromofluorobenzene	*143*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/28/2026 438*	*ES*
Surr: Dibromofluoromethane	*101*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/28/2026 438*	*ES*
Surr: Toluene-d8	*115*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/28/2026 438*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Lab Sample ID: 26D0483-04

Client Sample ID: POC - 07
Collection Date/Time: 04/15/2026 1510
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Total Nitrogen (NO2+NO3+TKN)-Calculation									
Nitrogen, Total	1.1	0.58	1.1		mg/L	1	04/21/2026 1149	04/22/2026 1545	SJS
Nitrate + Nitrite Sum-Calculation									
Nitrate and Nitrite Sum	0.58	0.28	0.60	J	mg/L	1	04/16/2026 1100	04/16/2026 1846	SS
ICP Total Metals-E200.7 (4.4)									
Iron	ND	0.020	0.30	E8	mg/L	1	04/21/2026 0957	04/24/2026 1446	RAR
ICP/MS Total Metals-E200.8 (5.4)									
Uranium	0.0022	0.000016	0.00056		mg/L	1	04/17/2026 1032	04/17/2026 1531	RAR
ICP Dissolved Metals-EPA 200.7 (4.4)									
Calcium	130	0.13	4.0		mg/L	1	04/24/2026 1124	04/25/2026 1240	RAR
Magnesium	13	0.10	3.0		mg/L	1	04/24/2026 1124	04/25/2026 1240	RAR
Potassium	8.6	0.14	5.0		mg/L	1	04/24/2026 1124	04/25/2026 1240	RAR
Sodium	7.5	0.58	5.0		mg/L	1	04/24/2026 1124	04/25/2026 1240	RAR
ICP/MS Dissolved Metals-EPA 200.8 (5.4)									
Aluminum	ND	0.013	0.040	E8	mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Antimony	0.00035	0.000039	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Arsenic	0.0043	0.00010	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Barium	0.025	0.000029	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Beryllium	0.000057	0.000013	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Cadmium	ND	0.000050	0.00025	E8	mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Chromium	0.00036	0.000023	0.00050	E4	mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Cobalt	0.00017	0.000010	0.00025	E4	mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Copper	0.025	0.00015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Lead	ND	0.000057	0.00050	E8	mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Manganese	0.055	0.000038	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Molybdenum	0.070	0.000025	0.00025		mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Nickel	0.0017	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Selenium	0.0026	0.00025	0.0025		mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Thallium	0.000027	0.000023	0.00050		mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR
Uranium	0.0049	0.000015	0.00050		mg/L	1	04/22/2026 1540	04/23/2026 1621	RAR
Zinc	0.0070	0.0023	0.040	E4	mg/L	1	04/22/2026 1540	04/22/2026 1937	RAR

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Lab Sample ID: 26D0483-04

Client Sample ID: POC - 07
Collection Date/Time: 04/15/2026 1510
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
CVAA Dissolved Mercury-EPA 245.1									
Mercury	ND	0.00015	0.0010	E8	mg/L	1	04/22/2026 0821	04/22/2026 1523	ICP
Anions by Ion Chromatography-EPA 300.0 (2.1)									
Chloride	11	0.75	1.0		mg/L	1	04/16/2026 1100	04/16/2026 1846	SS
Fluoride	0.62	0.18	0.50		mg/L	1	04/16/2026 1100	04/16/2026 1846	SS
Nitrogen, Nitrate (As N)	0.58	0.27	0.50		mg/L	1	04/16/2026 1100	04/16/2026 1846	SS
Nitrogen, Nitrite (As N)	ND	0.014	0.10	E8	mg/L	1	04/16/2026 1100	04/16/2026 1846	SS
Sulfate	270	14	25		mg/L	5	04/16/2026 1100	04/27/2026 1636	SS
Total Kjeldahl Nitrogen-EPA 351.2									
Nitrogen, Total Kjeldahl	0.47	0.30	0.50	E4	mg/L	1	04/21/2026 1149	04/22/2026 1545	SJS
Ammonia as N-SM 4500-NH3 B, F									
Nitrogen, Ammonia (As N)	ND	0.13	0.50	E8	mg/L	1	04/23/2026 1027	04/23/2026 1515	SJS
Alkalinity-SM2320B									
Alkalinity, Bicarbonate (As CaCO3)	120	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Carbonate (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Alkalinity, Total (As CaCO3)	120	2.0	2.0		mg/L	1	04/22/2026 0914	04/22/2026 1635	RAR
Total Dissolved Solids (Residue, Filterable)-SM2540 C									
Total Dissolved Solids (Residue, Filterable)	610	20	20		mg/L	1	04/17/2026 0946	04/23/2026 1035	CEC
Cyanide-SM4500-CN BE									
Cyanide	ND	0.086	0.10	E8	mg/L	1	04/24/2026 0928	04/27/2026 1533	SJS
pH-SM4500-H+ B									
pH (pH Units)	8.0			H5	-	1	05/01/2026 1530	05/01/2026 1611	MAM
Temperature (°C)	21			H5	-	1	05/01/2026 1530	05/01/2026 1611	MAM

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Lab Sample ID: 26D0483-04

Client Sample ID: POC - 07
Collection Date/Time: 04/15/2026 1510
Matrix: Ground Water

Analyses	Result	MDL	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
Volatile Organic Compounds by GC/MS-SW8260B									
Benzene	ND	0.063	0.50	E8	ug/L	1	04/27/2026 1054	04/28/2026 0513	ES
Carbon disulfide	ND	0.11	2.0	E8, V1	ug/L	1	04/27/2026 1054	04/28/2026 0513	ES
Ethylbenzene	ND	0.054	0.50	E8	ug/L	1	04/27/2026 1054	04/28/2026 0513	ES
Toluene	ND	0.057	0.50	E8	ug/L	1	04/27/2026 1054	04/28/2026 0513	ES
Xylenes, Total	ND	0.13	1.5	E8	ug/L	1	04/27/2026 1054	04/28/2026 0513	ES
Surr: 4-Bromofluorobenzene	*142*	*70-130*	*S4*		*%REC*	*1*	*04/27/2026 1054*	*04/28/2026 513*	*ES*
Surr: Dibromofluoromethane	*104*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/28/2026 513*	*ES*
Surr: Toluene-d8	*114*	*70-130*			*%REC*	*1*	*04/27/2026 1054*	*04/28/2026 513*	*ES*

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Date Received: 04/16/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604160 - E200.8 (5.4)										
Blank (2604160-BLK1)				Prepared & Analyzed: 04/17/2026						
Uranium	ND	0.00050	mg/L							
LCS (2604160-BS1)				Prepared & Analyzed: 04/17/2026						
Uranium	0.056	0.00050	mg/L	0.05000		112	85-115			
LCS Dup (2604160-BSD1)				Prepared & Analyzed: 04/17/2026						
Uranium	0.056	0.00050	mg/L	0.05000		113	85-115	0.2	20	
Matrix Spike (2604160-MS1)		**Source: 26D0389-03**		Prepared & Analyzed: 04/17/2026						
Uranium	0.072	0.00050	mg/L	0.05000	0.0022	140	70-130			M1
Matrix Spike (2604160-MS2)		**Source: 26D0389-04**		Prepared & Analyzed: 04/17/2026						
Uranium	0.077	0.00050	mg/L	0.05000	0.0047	144	70-130			M1
Batch 2604184 - E200.7 (4.4)										
Blank (2604184-BLK1)				Prepared: 04/21/2026 Analyzed: 04/24/2026						
Iron	ND	0.30	mg/L							
LCS (2604184-BS1)				Prepared: 04/21/2026 Analyzed: 04/24/2026						
Iron	1.0	0.30	mg/L	1.000		102	85-115			
LCS Dup (2604184-BSD1)				Prepared: 04/21/2026 Analyzed: 04/24/2026						
Iron	1.0	0.30	mg/L	1.000		102	85-115	0.8	20	
Matrix Spike (2604184-MS1)		**Source: 26D0003-01**		Prepared: 04/21/2026 Analyzed: 04/24/2026						
Iron	1.1	0.30	mg/L	1.000	0.13	99	70-130			
Matrix Spike (2604184-MS2)		**Source: 26D0091-01**		Prepared: 04/21/2026 Analyzed: 04/24/2026						
Iron	0.99	0.30	mg/L	1.000	ND	99	70-130			
Batch 2604193 - EPA 245.1										
Blank (2604193-BLK1)				Prepared & Analyzed: 04/22/2026						
Mercury	ND	0.0010	mg/L							
LCS (2604193-BS1)				Prepared & Analyzed: 04/22/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		101	85-115			
LCS Dup (2604193-BSD1)				Prepared & Analyzed: 04/22/2026						
Mercury	0.0050	0.0010	mg/L	0.005000		101	85-115	0.2	20	
Matrix Spike (2604193-MS1)		**Source: 26D0441-01**		Prepared & Analyzed: 04/22/2026						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	98	70-130			
Matrix Spike (2604193-MS2)		**Source: 26D0463-01**		Prepared & Analyzed: 04/22/2026						
Mercury	0.0023	0.0010	mg/L	0.005000	ND	46	70-130			M2
Matrix Spike Dup (2604193-MSD1)		**Source: 26D0441-01**		Prepared & Analyzed: 04/22/2026						
Mercury	0.0049	0.0010	mg/L	0.005000	ND	98	70-130	0.1	20	
Matrix Spike Dup (2604193-MSD2)		**Source: 26D0463-01**		Prepared & Analyzed: 04/22/2026						
Mercury	0.0023	0.0010	mg/L	0.005000	ND	46	70-130	0.5	20	M2

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Project: Ambient GW Monitoring
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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604202 - EPA 200.8 (5.4)										
Blank (2604202-BLK1)				Prepared & Analyzed: 04/22/2026						
Aluminum	ND	0.040	mg/L							
Antimony	ND	0.00050	mg/L							
Arsenic	ND	0.00050	mg/L							
Barium	ND	0.00050	mg/L							
Beryllium	ND	0.00025	mg/L							
Cadmium	ND	0.00025	mg/L							
Chromium	ND	0.00050	mg/L							
Cobalt	ND	0.00025	mg/L							
Copper	ND	0.00050	mg/L							
Lead	ND	0.00050	mg/L							
Manganese	ND	0.00025	mg/L							
Molybdenum	0.000077	0.00025	mg/L							
Nickel	ND	0.00050	mg/L							
Selenium	ND	0.0025	mg/L							
Thallium	ND	0.00050	mg/L							
Uranium	ND	0.00050	mg/L							
Zinc	ND	0.040	mg/L							
LCS (2604202-BS1)				Prepared & Analyzed: 04/22/2026						
Aluminum	0.10	0.040	mg/L	0.1000		100	85-115			
Antimony	0.054	0.00050	mg/L	0.05000		108	85-115			
Arsenic	0.053	0.00050	mg/L	0.05000		105	85-115			
Barium	0.053	0.00050	mg/L	0.05000		106	85-115			
Beryllium	0.053	0.00025	mg/L	0.05000		106	85-115			
Cadmium	0.053	0.00025	mg/L	0.05000		106	85-115			
Chromium	0.053	0.00050	mg/L	0.05000		107	85-115			
Cobalt	0.053	0.00025	mg/L	0.05000		106	85-115			
Copper	0.053	0.00050	mg/L	0.05000		106	85-115			
Lead	0.053	0.00050	mg/L	0.05000		106	85-115			
Manganese	0.053	0.00025	mg/L	0.05000		106	85-115			
Molybdenum	0.053	0.00025	mg/L	0.05000		106	85-115			
Nickel	0.052	0.00050	mg/L	0.05000		104	85-115			
Selenium	0.053	0.0025	mg/L	0.05000		107	85-115			
Thallium	0.052	0.00050	mg/L	0.05000		105	85-115			
Uranium	0.054	0.00050	mg/L	0.05000		107	85-115			
Zinc	0.11	0.040	mg/L	0.1000		108	85-115			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604202 - EPA 200.8 (5.4)										
LCS Dup (2604202-BSD1)				Prepared & Analyzed: 04/22/2026						
Aluminum	0.099	0.040	mg/L	0.1000		99	85-115	0.3	20	
Antimony	0.054	0.00050	mg/L	0.05000		108	85-115	0.3	20	
Arsenic	0.053	0.00050	mg/L	0.05000		105	85-115	0.1	20	
Barium	0.053	0.00050	mg/L	0.05000		105	85-115	1	20	
Beryllium	0.053	0.00025	mg/L	0.05000		106	85-115	0.3	20	
Cadmium	0.053	0.00025	mg/L	0.05000		106	85-115	0.04	20	
Chromium	0.053	0.00050	mg/L	0.05000		105	85-115	2	20	
Cobalt	0.052	0.00025	mg/L	0.05000		105	85-115	1	20	
Copper	0.052	0.00050	mg/L	0.05000		104	85-115	2	20	
Lead	0.053	0.00050	mg/L	0.05000		105	85-115	0.8	20	
Manganese	0.053	0.00025	mg/L	0.05000		106	85-115	0.7	20	
Molybdenum	0.053	0.00025	mg/L	0.05000		105	85-115	0.9	20	
Nickel	0.052	0.00050	mg/L	0.05000		104	85-115	0.6	20	
Selenium	0.053	0.0025	mg/L	0.05000		105	85-115	1	20	
Thallium	0.052	0.00050	mg/L	0.05000		103	85-115	1	20	
Uranium	0.054	0.00050	mg/L	0.05000		109	85-115	1	20	
Zinc	0.11	0.040	mg/L	0.1000		107	85-115	0.5	20	
Matrix Spike (2604202-MS1)		**Source: 26D0324-01**		Prepared & Analyzed: 04/22/2026						
Aluminum	0.091	0.040	mg/L	0.1000	ND	91	70-130			
Antimony	0.049	0.00050	mg/L	0.05000	0.000043	98	70-130			
Arsenic	0.049	0.00050	mg/L	0.05000	0.00028	97	70-130			
Barium	0.050	0.00050	mg/L	0.05000	0.0017	96	70-130			
Beryllium	0.046	0.00025	mg/L	0.05000	0.000038	93	70-130			
Cadmium	0.045	0.00025	mg/L	0.05000	ND	89	70-130			
Chromium	0.047	0.00050	mg/L	0.05000	0.0022	89	70-130			
Cobalt	0.044	0.00025	mg/L	0.05000	0.000067	87	70-130			
Copper	0.050	0.00050	mg/L	0.05000	0.0092	82	70-130			
Lead	0.048	0.00050	mg/L	0.05000	0.00041	96	70-130			
Manganese	0.045	0.00025	mg/L	0.05000	0.00084	88	70-130			
Molybdenum	0.16	0.00025	mg/L	0.05000	0.10	104	70-130			
Nickel	0.042	0.00050	mg/L	0.05000	0.00045	83	70-130			
Selenium	0.052	0.0025	mg/L	0.05000	0.0022	99	70-130			
Thallium	0.047	0.00050	mg/L	0.05000	0.000030	94	70-130			
Uranium	0.049	0.00050	mg/L	0.05000	0.00025	98	70-130			
Zinc	0.10	0.040	mg/L	0.1000	0.0039	96	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604202 - EPA 200.8 (5.4)										
Matrix Spike (2604202-MS2)		**Source: 26D0324-02**		Prepared & Analyzed: 04/22/2026						
Aluminum	0.087	0.040	mg/L	0.1000	ND	87	70-130			
Antimony	0.047	0.00050	mg/L	0.05000	ND	93	70-130			
Arsenic	0.047	0.00050	mg/L	0.05000	0.00012	94	70-130			
Barium	0.047	0.00050	mg/L	0.05000	0.0019	90	70-130			
Beryllium	0.044	0.00025	mg/L	0.05000	0.000027	88	70-130			
Cadmium	0.043	0.00025	mg/L	0.05000	ND	85	70-130			
Chromium	0.044	0.00050	mg/L	0.05000	0.0023	84	70-130			
Cobalt	0.041	0.00025	mg/L	0.05000	0.000065	82	70-130			
Copper	0.047	0.00050	mg/L	0.05000	0.0092	76	70-130			
Lead	0.045	0.00050	mg/L	0.05000	0.00025	90	70-130			
Manganese	0.042	0.00025	mg/L	0.05000	0.00094	83	70-130			
Molybdenum	0.15	0.00025	mg/L	0.05000	0.11	91	70-130			
Nickel	0.040	0.00050	mg/L	0.05000	0.00036	79	70-130			
Selenium	0.052	0.0025	mg/L	0.05000	0.0022	99	70-130			
Thallium	0.044	0.00050	mg/L	0.05000	0.000026	88	70-130			
Uranium	0.050	0.00050	mg/L	0.05000	0.00026	100	70-130			
Zinc	0.11	0.040	mg/L	0.1000	0.014	94	70-130			
Batch 2604234 - EPA 200.7 (4.4)										
Blank (2604234-BLK1)				Prepared & Analyzed: 04/24/2026						
Calcium	ND	4.0	mg/L							
Magnesium	ND	3.0	mg/L							
Potassium	ND	5.0	mg/L							
Sodium	1.0	5.0	mg/L							
LCS (2604234-BS1)				Prepared & Analyzed: 04/24/2026						
Calcium	9.7	4.0	mg/L	10.00		97	85-115			
Magnesium	9.6	3.0	mg/L	10.00		96	85-115			
Potassium	10	5.0	mg/L	10.00		101	85-115			
Sodium	10	5.0	mg/L	10.00		103	85-115			
LCS Dup (2604234-BSD1)				Prepared & Analyzed: 04/24/2026						
Calcium	9.7	4.0	mg/L	10.00		97	85-115	0.5	20	
Magnesium	9.6	3.0	mg/L	10.00		96	85-115	0.5	20	
Potassium	10	5.0	mg/L	10.00		100	85-115	0.4	20	
Sodium	10	5.0	mg/L	10.00		102	85-115	0.8	20	
Matrix Spike (2604234-MS1)		**Source: 26D0432-03**		Prepared & Analyzed: 04/24/2026						
Calcium	180	4.0	mg/L	10.00	170	64	70-130			M2
Magnesium	49	3.0	mg/L	10.00	38	114	70-130			
Potassium	20	5.0	mg/L	10.00	6.2	134	70-130			M1
Sodium	190	5.0	mg/L	10.00	180	69	70-130			M2
Matrix Spike (2604234-MS2)		**Source: 26D0432-04**		Prepared & Analyzed: 04/24/2026						
Calcium	32	4.0	mg/L	10.00	20	115	70-130			
Magnesium	16	3.0	mg/L	10.00	4.6	118	70-130			
Potassium	18	5.0	mg/L	10.00	4.9	132	70-130			M1
Sodium	110	5.0	mg/L	10.00	97	90	70-130			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604158 - SM2540 C										
Duplicate (2604158-DUP1)		**Source: 26D0478-03**		Prepared: 04/17/2026 Analyzed: 04/23/2026						
Total Dissolved Solids (Residue, Filterable)	470	20	mg/L		470			1	5	
Duplicate (2604158-DUP2)		**Source: 26D0484-05**		Prepared: 04/17/2026 Analyzed: 04/23/2026						
Total Dissolved Solids (Residue, Filterable)	3000	20	mg/L		3100			3	5	
Batch 2604181 - SM2320B										
Blank (2604181-BLK1)				Prepared & Analyzed: 04/22/2026						
Alkalinity, Bicarbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Carbonate (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Hydroxide (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Phenolphthalein (As CaCO3)	ND	2.0	mg/L							
Alkalinity, Total (As CaCO3)	ND	2.0	mg/L							
LCS (2604181-BS1)				Prepared & Analyzed: 04/22/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		100	90-110			
LCS Dup (2604181-BSD1)				Prepared & Analyzed: 04/22/2026						
Alkalinity, Total (As CaCO3)	250	2.0	mg/L	250.0		101	90-110	0.8	10	
Matrix Spike (2604181-MS1)		**Source: 26D0430-06**		Prepared & Analyzed: 04/22/2026						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	6.0	100	70-130			
Matrix Spike Dup (2604181-MSD1)		**Source: 26D0430-06**		Prepared & Analyzed: 04/22/2026						
Alkalinity, Total (As CaCO3)	260	2.0	mg/L	250.0	6.0	100	70-130	0	10	
Batch 2604186 - EPA 351.2										
Blank (2604186-BLK1)				Prepared: 04/21/2026 Analyzed: 04/22/2026						
Nitrogen, Total Kjeldahl	0.49	0.50	mg/L							
LCS (2604186-BS1)				Prepared: 04/21/2026 Analyzed: 04/22/2026						
Nitrogen, Total Kjeldahl	5.3	0.50	mg/L	5.000		106	80-120			
LCS Dup (2604186-BSD1)				Prepared: 04/21/2026 Analyzed: 04/22/2026						
Nitrogen, Total Kjeldahl	4.9	0.50	mg/L	5.000		99	80-120	7	20	
Matrix Spike (2604186-MS1)		**Source: 26D0388-02**		Prepared: 04/21/2026 Analyzed: 04/22/2026						
Nitrogen, Total Kjeldahl	4.5	1.0	mg/L	5.000	ND	90	80-120			
Matrix Spike (2604186-MS2)		**Source: 26D0441-01**		Prepared: 04/21/2026 Analyzed: 04/22/2026						
Nitrogen, Total Kjeldahl	5.5	0.50	mg/L	5.000	3.1	48	80-120			M2
Matrix Spike Dup (2604186-MSD1)		**Source: 26D0388-02**		Prepared: 04/21/2026 Analyzed: 04/22/2026						
Nitrogen, Total Kjeldahl	4.2	1.0	mg/L	5.000	ND	84	80-120	7	20	
Matrix Spike Dup (2604186-MSD2)		**Source: 26D0441-01**		Prepared: 04/21/2026 Analyzed: 04/22/2026						
Nitrogen, Total Kjeldahl	5.3	0.50	mg/L	5.000	3.1	43	80-120	5	20	M2
Batch 2604214 - SM 4500-NH3 B, F										

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604214 - SM 4500-NH3 B, F										
Blank (2604214-BLK1)				Prepared & Analyzed: 04/23/2026						
Nitrogen, Ammonia (As N)	ND	0.50	mg/L							
LCS (2604214-BS1)				Prepared & Analyzed: 04/23/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		102	85-115			
LCS Dup (2604214-BSD1)				Prepared & Analyzed: 04/23/2026						
Nitrogen, Ammonia (As N)	2.6	0.50	mg/L	2.500		104	85-115	2	10	
Matrix Spike (2604214-MS1)		**Source: 26D0430-06**		Prepared & Analyzed: 04/23/2026						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500	ND	94	80-120			
Matrix Spike Dup (2604214-MSD1)		**Source: 26D0430-06**		Prepared & Analyzed: 04/23/2026						
Nitrogen, Ammonia (As N)	2.4	0.50	mg/L	2.500	ND	94	80-120	0.4	20	
Batch 2604233 - SM4500-CN BE										
Blank (2604233-BLK1)				Prepared: 04/24/2026 Analyzed: 04/27/2026						
Cyanide	ND	0.10	mg/L							
LCS (2604233-BS1)				Prepared: 04/24/2026 Analyzed: 04/27/2026						
Cyanide	2.1	0.10	mg/L	2.000		104	85-115			
LCS Dup (2604233-BSD1)				Prepared: 04/24/2026 Analyzed: 04/27/2026						
Cyanide	2.0	0.10	mg/L	2.000		100	85-115	5	15	
Matrix Spike (2604233-MS1)		**Source: 26D0524-07**		Prepared: 04/24/2026 Analyzed: 04/27/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	97	80-120			
Matrix Spike Dup (2604233-MSD1)		**Source: 26D0524-07**		Prepared: 04/24/2026 Analyzed: 04/27/2026						
Cyanide	1.9	0.10	mg/L	2.000	ND	96	80-120	1	15	
Batch 2605008 - SM4500-H+ B										
Duplicate (2605008-DUP1)		**Source: 26D0483-04**		Prepared & Analyzed: 05/01/2026						
pH (pH Units)	8.0		-		8.0			0.1	200	H5
Temperature (°C)	22		-		21			3	200	H5

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604247 - SW8260B										
Blank (2604247-BLK1)				Prepared & Analyzed: 04/27/2026						
Benzene	0.081	0.50	ug/L							
Carbon disulfide	ND	2.0	ug/L							
Ethylbenzene	ND	0.50	ug/L							
Toluene	0.062	0.50	ug/L							
Xylenes, Total	ND	1.5	ug/L							
Surrogate: 4-Bromofluorobenzene	*69.3*		*ug/L*	*50.00*		*139*	*70-130*			*S4*
Surrogate: Dibromofluoromethane	*53.0*		*ug/L*	*50.00*		*106*	*70-130*			
Surrogate: Toluene-d8	*56.5*		*ug/L*	*50.00*		*113*	*70-130*			
LCS (2604247-BS1)				Prepared & Analyzed: 04/27/2026						
1,1-Dichloroethene	60	0.50	ug/L	50.00		120	70-130			
Benzene	59	0.50	ug/L	50.00		118	70-130			
Chlorobenzene	50	0.50	ug/L	50.00		100	70-130			
Toluene	54	0.50	ug/L	50.00		109	70-130			
Trichloroethene	51	0.50	ug/L	50.00		103	70-130			
Surrogate: 4-Bromofluorobenzene	*68.1*		*ug/L*	*50.00*		*136*	*70-130*			
Surrogate: Dibromofluoromethane	*52.0*		*ug/L*	*50.00*		*104*	*70-130*			
Surrogate: Toluene-d8	*53.8*		*ug/L*	*50.00*		*108*	*70-130*			
LCS Dup (2604247-BSD1)				Prepared & Analyzed: 04/27/2026						
1,1-Dichloroethene	54	0.50	ug/L	50.00		107	70-130	12	30	
Benzene	60	0.50	ug/L	50.00		120	70-130	2	30	
Chlorobenzene	49	0.50	ug/L	50.00		98	70-130	2	30	
Toluene	51	0.50	ug/L	50.00		101	70-130	7	30	
Trichloroethene	47	0.50	ug/L	50.00		95	70-130	8	30	
Surrogate: 4-Bromofluorobenzene	*65.6*		*ug/L*	*50.00*		*131*	*70-130*			
Surrogate: Dibromofluoromethane	*56.7*		*ug/L*	*50.00*		*113*	*70-130*			
Surrogate: Toluene-d8	*50.2*		*ug/L*	*50.00*		*100*	*70-130*			
Matrix Spike (2604247-MS1)	**Source: 26D0490-06**			Prepared: 04/27/2026 Analyzed: 04/28/2026						
1,1-Dichloroethene	610	5.0	ug/L	500.0	ND	121	70-130			
Benzene	620	5.0	ug/L	500.0	ND	124	70-130			
Chlorobenzene	480	5.0	ug/L	500.0	ND	95	70-130			
Toluene	520	5.0	ug/L	500.0	ND	105	70-130			
Trichloroethene	490	5.0	ug/L	500.0	ND	98	70-130			
Surrogate: 4-Bromofluorobenzene	*690*		*ug/L*	*500.0*		*138*	*70-130*			
Surrogate: Dibromofluoromethane	*558*		*ug/L*	*500.0*		*112*	*70-130*			
Surrogate: Toluene-d8	*535*		*ug/L*	*500.0*		*107*	*70-130*			
Matrix Spike (2604247-MS2)	**Source: 26D0490-14**			Prepared: 04/27/2026 Analyzed: 04/28/2026						
1,1-Dichloroethene	640	5.0	ug/L	500.0	ND	128	70-130			
Benzene	650	5.0	ug/L	500.0	ND	130	70-130			M1
Chlorobenzene	540	5.0	ug/L	500.0	0.75	107	70-130			
Toluene	620	5.0	ug/L	500.0	ND	123	70-130			
Trichloroethene	520	5.0	ug/L	500.0	ND	104	70-130			
Surrogate: 4-Bromofluorobenzene	*697*		*ug/L*	*500.0*		*139*	*70-130*			
Surrogate: Dibromofluoromethane	*505*		*ug/L*	*500.0*		*101*	*70-130*			
Surrogate: Toluene-d8	*573*		*ug/L*	*500.0*		*115*	*70-130*			

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QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604247 - SW8260B										
Matrix Spike Dup (2604247-MSD1)	**Source: 26D0490-06**			Prepared: 04/27/2026 Analyzed: 04/28/2026						
1,1-Dichloroethene	630	5.0	ug/L	500.0	ND	126	70-130	4	30	
Benzene	660	5.0	ug/L	500.0	ND	132	70-130	6	30	M1
Chlorobenzene	500	5.0	ug/L	500.0	ND	99	70-130	4	30	
Toluene	550	5.0	ug/L	500.0	ND	109	70-130	4	30	
Trichloroethene	500	5.0	ug/L	500.0	ND	101	70-130	3	30	
Surrogate: 4-Bromofluorobenzene	*708*		*ug/L*	*500.0*		*142*	*70-130*			
Surrogate: Dibromofluoromethane	*543*		*ug/L*	*500.0*		*109*	*70-130*			
Surrogate: Toluene-d8	*538*		*ug/L*	*500.0*		*108*	*70-130*			
Matrix Spike Dup (2604247-MSD2)	**Source: 26D0490-14**			Prepared: 04/27/2026 Analyzed: 04/28/2026						
1,1-Dichloroethene	690	5.0	ug/L	500.0	ND	138	70-130	7	30	M1
Benzene	700	5.0	ug/L	500.0	ND	140	70-130	7	30	M1
Chlorobenzene	560	5.0	ug/L	500.0	0.75	112	70-130	4	30	
Toluene	620	5.0	ug/L	500.0	ND	123	70-130	0.2	30	
Trichloroethene	560	5.0	ug/L	500.0	ND	112	70-130	8	30	
Surrogate: 4-Bromofluorobenzene	*700*		*ug/L*	*500.0*		*140*	*70-130*			
Surrogate: Dibromofluoromethane	*543*		*ug/L*	*500.0*		*109*	*70-130*			
Surrogate: Toluene-d8	*544*		*ug/L*	*500.0*		*109*	*70-130*			

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Date Received: 04/16/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604155 - EPA 300.0 (2.1)										
Blank (2604155-BLK1)				Prepared & Analyzed: 04/16/2026						
Chloride	ND	1.0	mg/L							
Fluoride	ND	0.50	mg/L							
Nitrogen, Nitrate (As N)	ND	0.50	mg/L							
Nitrogen, Nitrite (As N)	ND	0.10	mg/L							
Sulfate	ND	5.0	mg/L							
LCS (2604155-BS1)				Prepared & Analyzed: 04/16/2026						
Chloride	12	1.0	mg/L	12.50		97	90-110			
Fluoride	1.9	0.50	mg/L	2.000		96	90-110			
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		99	90-110			
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		97	90-110			
Sulfate	13	5.0	mg/L	12.50		104	90-110			
LCS Dup (2604155-BSD1)				Prepared & Analyzed: 04/16/2026						
Chloride	12	1.0	mg/L	12.50		97	90-110	0.1	10	
Fluoride	1.9	0.50	mg/L	2.000		96	90-110	0.3	10	
Nitrogen, Nitrate (As N)	4.9	0.50	mg/L	5.000		99	90-110	0.2	10	
Nitrogen, Nitrite (As N)	2.4	0.10	mg/L	2.500		98	90-110	0.5	10	
Sulfate	13	5.0	mg/L	12.50		104	90-110	0.4	10	
Matrix Spike (2604155-MS1)		**Source: 26D0509-01RE2**		Prepared: 04/16/2026 Analyzed: 04/28/2026						
Chloride	130	10	mg/L	25.00	130	4	80-120			M3
Fluoride	4.9	1.0	mg/L	4.000		123	80-120			
Nitrogen, Nitrate (As N)	15	1.0	mg/L	10.00		154	80-120			
Nitrogen, Nitrite (As N)	5.0	0.20	mg/L	5.000		101	80-120			
Sulfate	180	10	mg/L	25.00	160	71	80-120			M2
Matrix Spike (2604155-MS2)		**Source: 26D0509-02**		Prepared: 04/16/2026 Analyzed: 04/28/2026						
Fluoride	10	2.5	mg/L	10.00	ND	103	80-120			
Nitrogen, Nitrate (As N)	27	2.5	mg/L	25.00	1.5	102	80-120			
Nitrogen, Nitrite (As N)	13	0.50	mg/L	12.50	ND	103	80-120			
Sulfate	250	25	mg/L	62.50	220	44	80-120			M2
Matrix Spike (2604155-MS3)		**Source: 26D0509-03**		Prepared: 04/16/2026 Analyzed: 04/28/2026						
Fluoride	4.7	1.0	mg/L	4.000	0.61	103	80-120			
Nitrogen, Nitrate (As N)	16	1.0	mg/L	10.00	6.0	102	80-120			
Nitrogen, Nitrite (As N)	5.0	0.20	mg/L	5.000	ND	100	80-120			
Sulfate	180	10	mg/L	25.00	170	40	80-120			M2
Matrix Spike Dup (2604155-MSD1)		**Source: 26D0509-01RE2**		Prepared: 04/16/2026 Analyzed: 04/28/2026						
Chloride	130	10	mg/L	25.00	130	2	80-120	0.3	10	M3
Fluoride	4.9	1.0	mg/L	4.000		123	80-120	0.5	10	
Nitrogen, Nitrate (As N)	15	1.0	mg/L	10.00		154	80-120	0.3	10	
Nitrogen, Nitrite (As N)	5.1	0.20	mg/L	5.000		101	80-120	0.5	10	
Sulfate	180	10	mg/L	25.00	160	73	80-120	0.3	10	M2

Client: Copper World, Inc.
Project: Ambient GW Monitoring
Work Order: 26D0483
Date Received: 04/16/2026

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2604155 - EPA 300.0 (2.1)										
Matrix Spike Dup (2604155-MSD2)	**Source: 26D0509-02**			Prepared: 04/16/2026 Analyzed: 04/28/2026						
Chloride	240	5.0	mg/L	62.50	200	59	80-120	0.7	10	M2
Fluoride	10	2.5	mg/L	10.00	ND	103	80-120	0.3	10	
Nitrogen, Nitrate (As N)	27	2.5	mg/L	25.00	1.5	102	80-120	0.5	10	
Nitrogen, Nitrite (As N)	13	0.50	mg/L	12.50	ND	102	80-120	0.3	10	
Sulfate	250	25	mg/L	62.50	220	42	80-120	0.5	10	M2
Matrix Spike Dup (2604155-MSD3)	**Source: 26D0509-03**			Prepared: 04/16/2026 Analyzed: 04/28/2026						
Fluoride	4.7	1.0	mg/L	4.000	0.61	102	80-120	0.5	10	
Nitrogen, Nitrate (As N)	16	1.0	mg/L	10.00	6.0	101	80-120	0.6	10	
Nitrogen, Nitrite (As N)	5.0	0.20	mg/L	5.000	ND	99	80-120	0.4	10	
Sulfate	170	10	mg/L	25.00	170	37	80-120	0.4	10	M2

TURNER LABORATORY INC.
2445 N. Coyote Drive, Suite 104
Tucson, Arizona 85745
(520) 882-5880
Fax: (520) 882-9788
www.turnerlabs.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

TURNER WORK ORDER # _____ DATE _____ PAGE _____ OF _____

PROJECT NAME _____ # _____
CONTACT NAME _____
COMPANY NAME _____
ADDRESS _____
ZIP _____ PHONE _____ EMAIL _____
SAMPLER'S SIGNATURE _____

CIRCLE ANALYSIS REQUESTED AND/OR CHECK THE APPROPRIATE BOX

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX*	NUMBER OF CONTAINERS	Base Neutrals 625/8270 ☐	Acids ☐	Volatile Organics 624 ☐	524.2 ☐	8260 TTHMS ☐	HMS ☐	Chloride ☐	Sulfate ☐	Resistivity ☐	NO_3 ☐	NO_2 ☐	TKN ☐	TPH ☐	1664 ☐	Oil & Grease ☐	VOA ☐	TCLP Analysis Semi-VOA ☐	Pest. ☐	TCLP ☐	Metals Dissolved ☐	Total ☐	RCRA8 ☐	Total ☐	Cyanide Amen. ☐	WAD ☐	SDWA-INORGANICS PRIMARY ☐	SECONDARY ☐	Coliform MPN ☐	Fecal PH ☐	Cl ☐	Turb ☐	TSS ☐	COD ☐	BOD ☐

1. RELINQUISHED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

2. RECEIVED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

TURNAROUND REQUIREMENTS:
____ Standard (approx. 10 days)*
____ Next Day ____ 2 Day ____ 5 Day*
____ Email Preliminary Results
* Working Days

REPORT REQUIREMENTS:
____ I. Routine Report
____ II. Report (includes DUP, MS, MSD, as required, may be charged as samples)
____ III. Date Validation Report (Includes All Raw Data) Add 10% to invoice

INVOICE INFORMATION:
Account ____ Y ____ N
P.O. # _____
Bill to: _____

SAMPLE RECEIPT:
Total Containers _____
Temperature _____
☐ Wet Ice
☐ Ambient
☐ Blue Ice
IR # _____

3. RELINQUISHED BY:
Signature _____
Printed Name _____
Firm _____
Date/Time _____

4. RECEIVED BY:
Signature _____
Printed Name _____
Firm TURNER LABORATORIES, INC.
Date/Time _____

* LEGEND
SAMPLE MATRIX
DW = DRINKING WATER
GW = GROUNDWATER
SD = SOLID
SG = SLUDGE
SL = SOIL
ST = STORMWATER
WW = WASTEWATER

Compliance Analysis: ☐ Yes ☐ No		Custody Seals ☐	Preservation Confirmation ☐
ADEQ Forms: ☐ Yes ☐ No		Container Intact ☐	Appropriate Head Space ☐
Mail ADEQ Forms: ☐ Yes ☐ No		COC / Labels Agree ☐	Received Within Hold Time ☐

SPECIAL INSTRUCTIONS/COMMENTS:

Parameters for Ambient Groundwater Monitoring **(in mg/L unless otherwise noted, metals are dissolved unless otherwise noted)**		
pH – lab (S.U.)	Antimony	Uranium (total)
	Arsenic	Gross Alpha Particle Activity (pCi/L)
Total Dissolved Solids	Barium	Radium 226 + Radium 228 (pCi/L)
Total Alkalinity	Beryllium	Uranium-Isotopes (pCi/L)
Carbonate	Cadmium	Benzene
Bicarbonate	Chromium	Carbon Disulfide
Nitrate as N	Cobalt	Ethylbenzene
Nitrite as N	Copper	Toluene
Nitrate + Nitrite	Cyanide (free)	Total Xylenes
Total Nitrogen	Lead	
Sulfate	Manganese	TKN
Chloride	Mercury	Ammonia
Fluoride	Iron (total)	Adjusted Gross Alpha (pCi/L)
Calcium	Molybdenum	
Magnesium	Nickel	
Potassium	Selenium	
Sodium	Thallium	
Hydroxide	Uranium	
Aluminum	Zinc	

Note: Within the context of this permit, compliance with Arizona Aquifer Quality Standards (AWQS) assumed the adoption of a limit of 0.01 mg/L for arsenic (dissolved) and a limit of 0.30 mg/L for uranium (total).

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 15, 2026
Sample Received: April 21, 2026
Analysis Completed: May 01, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26D0483-01	2.6 ± 0.4	2.6 ± 0.5	< 1.0	< 0.5	< 0.8	< 0.8

Analysis Date/Time	4/29/2026	4/29/2026	4/29/2026	4/30/2026	4/30/2026	4/30/2026
	09:21	10:35	10:35	0:45	0:45	0:45

Robert L. Metzger, Ph.D., C.H.P. — 5/1/2026 Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 15, 2026
Sample Received: April 21, 2026
Uranium Analysis Date: April 29, 2026
Uranium Analysis Time: 10:35

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26D0483-01	0.6 ± 0.2	0.027 ± 0.001	2.0 ± 0.4	2.6 ± 0.5	Activity (pCi/L)
	1.7 ± 0.6	0.012 ± 0.001	0.00033 ± 0.00006	1.7 ± 0.6	Content (µg/L)
	Comments:				

Robert L. Metzger, Ph.D., C.H.P.
Laboratory License Number AZ0462

May 1, 2026
Date

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

April 15, 2026 (Sample Date) 10:15 (Sample Time) (24 hour clock) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring Date Q1 collected: _____

☐ Quarterly Date Q2 collected: _____

☐ Composite of four quarterly samples Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	4/29/2026	< 1.0		
EPA 00-02		3 pCi/L	Gross Alpha	4002	4/29/2026	2.6 ± 0.4		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	4/29/2026	1.7 ± 0.6	µg/L	
			Uranium 234	4007	4/29/2026	0.00033 ± 0.00006		
			Uranium 235	4008	4/29/2026	0.012 ± 0.001		
			Uranium 238	4009	4/29/2026	1.7 ± 0.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	4/30/2026	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	4/30/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	4/30/2026	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79865

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26D0483-01

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 15, 2026
Sample Received: April 21, 2026
Analysis Completed: May 01, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26D0483-02	5.1 ± 0.5	3.9 ± 0.7	1.2 ± 0.9	< 0.5	< 0.8	< 0.8

Analysis Date/Time	4/29/2026	4/29/2026	4/29/2026	4/30/2026	4/30/2026	4/30/2026
	11:01	11:56	11:56	4:47	4:47	4:47

Robert L. Metzger, Ph.D., C.H.P. — 5/1/2026 Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 15, 2026
Sample Received: April 21, 2026
Uranium Analysis Date: April 29, 2026
Uranium Analysis Time: 11:56

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26D0483-02	1.4 ± 0.3	0.063 ± 0.002	2.4 ± 0.4	3.9 ± 0.7	Activity (pCi/L)
	4.0 ± 0.8	0.030 ± 0.001	0.00039 ± 0.00006	4.1 ± 0.8	Content (µg/L)
	Comments:				

May 1, 2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

April 15, 2026 (Sample Date) 12:10 (Sample Time) (24 hour clock) _____ Owner/Contact Person

_____ Owner/Contact Fax Number _____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring Date Q1 collected: _____

☐ Quarterly Date Q2 collected: _____

☐ Composite of four quarterly samples Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	4/29/2026	1.2 ± 0.9		
EPA 00-02		3 pCi/L	Gross Alpha	4002	4/29/2026	5.1 ± 0.5		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	4/29/2026	4.1 ± 0.8	µg/L	
			Uranium 234	4007	4/29/2026	0.00039 ± 0.00006		
			Uranium 235	4008	4/29/2026	0.030 ± 0.001		
			Uranium 238	4009	4/29/2026	4.0 ± 0.8		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	4/30/2026	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	4/30/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	4/30/2026	< 0.8		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79866

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26D0483-02

Authorized Signature: Robert L. Metzger

Date Public Water System Notified: _____

DWAR 6: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 15, 2026
Sample Received: April 21, 2026
Analysis Completed: May 01, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26D0483-03	2.2 ± 0.4	1.2 ± 0.4	1.0 ± 0.6	< 0.5	< 0.8	< 0.8

Analysis Date/Time	4/29/2026	4/29/2026	4/29/2026	4/30/2026	4/30/2026	4/30/2026
	12:41	12:14	12:14	8:48	8:48	8:48

Robert L. Metzger, Ph.D., C.H.P. — 5/1/2026 Date
Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 15, 2026
Sample Received: April 21, 2026
Uranium Analysis Date: April 29, 2026
Uranium Analysis Time: 12:14

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26D0483-03	0.6 ± 0.2	0.026 ± 0.001	0.6 ± 0.2	1.2 ± 0.4	Activity (pCi/L)
	1.7 ± 0.6	0.012 ± 0.001	0.00009 ± 0.00003	1.7 ± 0.6	Content (µg/L)
	Comments:				

May 1, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

April 15, 2026 (Sample Date) 13:35 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring

☐ Quarterly

☐ Composite of four quarterly samples

Date Q1 collected: _____

Date Q2 collected: _____

Date Q3 collected: _____

Date Q4 collected: _____

RADIOCHEMICAL ANALYSIS

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	4/29/2026	1.0 ± 0.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	4/29/2026	2.2 ± 0.4		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	4/29/2026	1.7 ± 0.6	µg/L	
			Uranium 234	4007	4/29/2026	0.00009 ± 0.00003		
			Uranium 235	4008	4/29/2026	0.012 ± 0.001		
			Uranium 238	4009	4/29/2026	1.7 ± 0.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	4/30/2026	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	4/30/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	4/30/2026	< 0.8		

LABORATORY INFORMATION

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79867

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26D0483-03

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com
(480) 897-9459
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 15, 2026
Sample Received: April 21, 2026
Analysis Completed: May 01, 2026

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method ASTM D6239 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method GammaRay HPGE (pCi/L)	Radium 228 Activity Method GammaRay HPGE (pCi/L)	Total Radium (pCi/L)
26D0483-04	3.1 ± 0.4	2.5 ± 0.5	0.6 ± 0.6	< 0.5	< 0.8	< 0.8

Analysis Date/Time	4/29/2026	4/29/2026	4/29/2026	4/30/2026	4/30/2026	4/30/2026
	14:21	13:50	13:50	12:50	12:50	12:50

5/1/2026

Robert L. Metzger, Ph.D., C.H.P. — Date

Laboratory License Number AZ0462

Radiation Safety Engineering, Inc.
3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121 (480) 897-9459
Website: www.radsafe.com FAX (480) 892-5446

Isotopic Uranium Analysis

Turner Laboratories
2445 N. Coyote Drive, Ste. 104
Tucson, AZ 85745

Sampling Date: April 15, 2026
Sample Received: April 21, 2026
Uranium Analysis Date: April 29, 2026
Uranium Analysis Time: 13:50

Sample No.	^{238}U	^{235}U	^{234}U	Total	
26D0483-04	0.8 ± 0.2	0.035 ± 0.002	1.7 ± 0.3	2.5 ± 0.5	Activity (pCi/L)
	2.2 ± 0.6	0.016 ± 0.001	0.00027 ± 0.00005	2.3 ± 0.6	Content (µg/L)
	Comments:				

May 1, 2026
Robert L. Metzger, Ph.D., C.H.P. Date
Laboratory License Number AZ0462

Arizona Department of Environmental Quality

Drinking Water Radionuclides-Adjusted Gross Alpha, Radium 226 & 228, Uranium Analysis Report

Samples To Be Taken At Entry Point Into Distribution System (EPDS) Only

PWS ID#: AZ04 _____ PWS Name: _____

April 15, 2026 (Sample Date) 15:10 (Sample Time) (24 hour clock)

_____ Owner/Contact Person

_____ Owner/Contact Fax Number

_____ Owner/Contact Phone Number

Sample Collection Point

☐ EPDS # _____

Compliance Sample Type:

☐ Reduced Monitoring — Date Q1 collected: _____

☐ Quarterly — Date Q2 collected: _____

☐ Composite of four quarterly samples — Date Q3 collected: _____

Date Q4 collected: _____

*****RADIOCHEMICAL ANALYSIS*****

>>>To be filled out by laboratory personnel<<<

*****Combined Uranium must be reported in micrograms per liter*****

Analysis Method	MCL	Reporting Limit	Contaminant Name	Cont. Code	Analyses Run Date	Result		Exceed MCL
Calculated	15 pCi/L		Adjusted Gross Alpha	4000	4/29/2026	0.6 ± 0.6		
EPA 00-02		3 pCi/L	Gross Alpha	4002	4/29/2026	3.1 ± 0.4		
7500 - Rn			Radon	4004				
ASTM D6239	30 µg/L	1 µg/L	Combined Uranium	4006	4/29/2026	2.3 ± 0.6	µg/L	
			Uranium 234	4007	4/29/2026	0.00027 ± 0.00005		
			Uranium 235	4008	4/29/2026	0.016 ± 0.001		
			Uranium 238	4009	4/29/2026	2.2 ± 0.6		
	5 pCi/L	1 pCi/L	Combined Radium (226,228)	4010	4/30/2026	< 0.8		
GammaRay HPGE		1 pCi/L	Radium 226	4020	4/30/2026	< 0.5		
GammaRay HPGE		1 pCi/L	Radium 228	4030	4/30/2026	< 0.8		

*****LABORATORY INFORMATION*****

>>>To be filled out by laboratory personnel<<<

Specimen Number: RSE79868

Lab ID Number: AZ0462

Lab Name: Radiation Safety Engineering, Inc.

Printed Name and Phone Number of Laboratory Contact: Robert L. Metzger, Ph.D., C.H.P.

Comments: 26D0483-04

Authorized Signature: _____

Date Public Water System Notified: _____

DWAR 6: 11/2007

SUBCONTRACT ORDER

Turner Laboratories, Inc.

26D0483

SENDING LABORATORY:

Turner Laboratories, Inc.
2445 N. Coyote Drive, Ste #104
Tucson, AZ 85745
Phone: 520.882.5880
Fax: 520.882.9788
Project Manager: Elizabeth Kasik

RECEIVING LABORATORY:

Radiation Safety Engineering, Inc.
3245 N. Washington St.
Chandler, AZ 85225-1121
Phone :(480) 897-9459
Fax: (480) 892-5446
Please CC Kevin Brim Lab Lab Kbrim@turnerlabs.com

Analysis	Expires	Laboratory ID	Comments
Sample ID: 26D0483-01 Non-Potable Wa Sampled:04/15/2026 10:15			
Radiochemistry, Gross Alpha	10/12/2026 10:15		
Radiochemistry, Radium 226/228	05/15/2026 10:15		
Radiochemistry, Uranium	10/12/2026 10:15		79865
Radiochemistry, Adjusted Gross alpha	10/12/2026 10:15		
Containers Supplied: 1			
Sample ID: 26D0483-02 Non-Potable Wa Sampled:04/15/2026 12:10			
Radiochemistry, Uranium	10/12/2026 12:10		
Radiochemistry, Adjusted Gross alpha	10/12/2026 12:10		
Radiochemistry, Gross Alpha	10/12/2026 12:10		~~79867~~ JMC
Radiochemistry, Radium 226/228	05/15/2026 12:10		79866
Containers Supplied: 1			
Sample ID: 26D0483-03 Non-Potable Wa Sampled:04/15/2026 13:35			
Radiochemistry, Gross Alpha	10/12/2026 13:35		
Radiochemistry, Radium 226/228	05/15/2026 13:35		
Radiochemistry, Uranium	10/12/2026 13:35		~~79868~~ JMC
Radiochemistry, Adjusted Gross alpha	10/12/2026 13:35		79867
Containers Supplied: 1			
Sample ID: 26D0483-04 Non-Potable Wa Sampled:04/15/2026 15:10			
Radiochemistry, Uranium	10/12/2026 15:10		
Radiochemistry, Adjusted Gross alpha	10/12/2026 15:10		
Radiochemistry, Gross Alpha	10/12/2026 15:10		~~79869~~ JMC
Radiochemistry, Radium 226/228	05/15/2026 15:10		79868
Containers Supplied: 1			

Released By	Date	Received By	Date
Skyler Zahn 4170176 1700 ST		BZB 4170176 1700	
Released By	Date	Received By	Date
			4-21-2026 8:12

ATTACHMENT 3
Tables

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-01	7/23/2025	Adjusted Gross Alpha	pCi/L	3.2	NA	NA	No	25G0696-01
POC-01	8/19/2025	Adjusted Gross Alpha	pCi/L	3.5	NA	NA	No	25H0524-01
POC-01	9/16/2025	Adjusted Gross Alpha	pCi/L	0.5	NA	NA	No	25I0457-03
POC-01	10/15/2025	Adjusted Gross Alpha	pCi/L	<0.1	NA	NA	No	25J0484-01
POC-01	11/12/2025	Adjusted Gross Alpha	pCi/L	2.6	NA	NA	No	25K0411-01
POC-01	12/17/2025	Adjusted Gross Alpha	pCi/L	3.3	NA	NA	No	25L0522-04
POC-01	1/14/2026	Adjusted Gross Alpha	pCi/L	<1	NA	NA	No	26A0379-03
POC-01	2/12/2026	Adjusted Gross Alpha	pCi/L	<1.0	NA	NA	No	26B0429-05
POC-01	4/14/2026	Adjusted Gross Alpha	pCi/L	3.2	NA	NA	No	26D0430-01
POC-01	7/22/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	NA	No	25G0696-01
POC-01	8/19/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	NA	No	25H0524-01
POC-01	9/16/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	NA	No	25I0457-03
POC-01	10/15/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	2	No	25J0484-01
POC-01	11/12/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	180	2	2	No	25K0411-01
POC-01	12/17/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	2	No	25L0522-04
POC-01	1/14/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	200	2	2	No	26A0379-03
POC-01	2/12/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	2	No	26B0429-05
POC-01	4/14/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	2	No	26D0430-01
POC-01	7/22/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-01
POC-01	8/19/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25H0524-01
POC-01	9/16/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25I0457-03
POC-01	10/15/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25J0484-01
POC-01	11/12/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25K0411-01
POC-01	12/17/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25L0522-04
POC-01	1/14/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26A0379-03
POC-01	2/12/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26B0429-05
POC-01	4/14/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26D0430-01
POC-01	7/22/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-01
POC-01	8/19/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25H0524-01
POC-01	9/16/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25I0457-03
POC-01	10/15/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25J0484-01
POC-01	11/12/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25K0411-01
POC-01	12/17/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25L0522-04
POC-01	1/14/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26A0379-03
POC-01	2/12/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26B0429-05
POC-01	4/14/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26D0430-01
POC-01	7/22/2025	Alkalinity, Total (As CaCO3)	mg/L	190	2	NA	No	25G0696-01
POC-01	8/19/2025	Alkalinity, Total (As CaCO3)	mg/L	190	2	NA	No	25H0524-01
POC-01	9/16/2025	Alkalinity, Total (As CaCO3)	mg/L	190	2	NA	No	25I0457-03
POC-01	10/15/2025	Alkalinity, Total (As CaCO3)	mg/L	190	2	2	No	25J0484-01
POC-01	11/12/2025	Alkalinity, Total (As CaCO3)	mg/L	180	2	2	No	25K0411-01
POC-01	12/17/2025	Alkalinity, Total (As CaCO3)	mg/L	190	2	2	No	25L0522-04
POC-01	1/14/2026	Alkalinity, Total (As CaCO3)	mg/L	200	2	2	No	26A0379-03
POC-01	2/12/2026	Alkalinity, Total (As CaCO3)	mg/L	190	2	2	No	26B0429-05
POC-01	4/14/2026	Alkalinity, Total (As CaCO3)	mg/L	190	2	2	No	26D0430-01
POC-01	7/22/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25G0696-01
POC-01	8/19/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25H0524-01
POC-01	9/16/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25I0457-03
POC-01	10/15/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25J0484-01
POC-01	11/12/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25K0411-01
POC-01	12/17/2025	Aluminum	mg/L	<0.066	0.2	0.066	No	25L0522-04
POC-01	1/14/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26A0379-03
POC-01	2/12/2026	Aluminum	mg/L	<0.066	0.2	0.066	No	26B0429-05
POC-01	4/14/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26D0430-01
POC-01	7/22/2025	Antimony	mg/L	0.00033	0.0005	NA	No	25G0696-01
POC-01	8/19/2025	Antimony	mg/L	<0.0050	0.005	NA	YES	25H0524-01
POC-01	9/16/2025	Antimony	mg/L	0.00034	0.0005	NA	No	25I0457-03
POC-01	10/15/2025	Antimony	mg/L	0.00035	0.0005	3.90E-05	No	25J0484-01
POC-01	11/12/2025	Antimony	mg/L	0.00031	0.0005	3.90E-05	No	25K0411-01
POC-01	12/17/2025	Antimony	mg/L	0.00035	0.0005	3.90E-05	No	25L0522-04
POC-01	1/14/2026	Antimony	mg/L	0.00032	0.0005	3.90E-05	No	26A0379-03
POC-01	2/12/2026	Antimony	mg/L	0.00031	0.0005	3.90E-05	No	26B0429-05

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-01	4/14/2026	Antimony	mg/L	0.00028	0.0005	3.90E-05	No	26D0430-01
POC-01	7/22/2025	Arsenic	mg/L	0.0037	0.0005	NA	No	25G0696-01
POC-01	8/19/2025	Arsenic	mg/L	0.0037	0.0005	NA	No	25H0524-01
POC-01	9/16/2025	Arsenic	mg/L	0.0045	0.0005	NA	No	25I0457-03
POC-01	10/15/2025	Arsenic	mg/L	0.0041	0.0005	0.0001	No	25J0484-01
POC-01	11/12/2025	Arsenic	mg/L	0.0045	0.0005	0.0001	No	25K0411-01
POC-01	12/17/2025	Arsenic	mg/L	0.0042	0.0005	0.0001	No	25L0522-04
POC-01	1/14/2026	Arsenic	mg/L	0.0042	0.0005	0.0001	No	26A0379-03
POC-01	2/12/2026	Arsenic	mg/L	0.0044	0.0005	0.0001	No	26B0429-05
POC-01	4/14/2026	Arsenic	mg/L	0.0041	0.0005	0.0001	No	26D0430-01
POC-01	7/22/2025	Barium	mg/L	0.039	0.0005	NA	No	25G0696-01
POC-01	8/19/2025	Barium	mg/L	0.028	0.005	NA	No	25H0524-01
POC-01	9/16/2025	Barium	mg/L	0.036	0.0005	NA	No	25I0457-03
POC-01	10/15/2025	Barium	mg/L	0.031	0.0005	2.90E-05	No	25J0484-01
POC-01	11/12/2025	Barium	mg/L	0.03	0.0005	2.90E-05	No	25K0411-01
POC-01	12/17/2025	Barium	mg/L	0.029	0.0005	2.90E-05	No	25L0522-04
POC-01	1/14/2026	Barium	mg/L	0.031	0.0005	2.90E-05	No	26A0379-03
POC-01	2/12/2026	Barium	mg/L	0.029	0.0005	2.90E-05	No	26B0429-05
POC-01	4/14/2026	Barium	mg/L	0.026	0.0005	2.90E-05	No	26D0430-01
POC-01	7/22/2025	Benzene	ug/L	<0.50	0.5	NA	No	25G0696-01
POC-01	8/19/2025	Benzene	ug/L	<0.50	0.5	NA	No	25H0524-01
POC-01	9/16/2025	Benzene	ug/L	<0.50	0.5	NA	No	25I0457-03
POC-01	10/15/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25J0484-01
POC-01	11/12/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25K0411-01
POC-01	12/17/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25L0522-04
POC-01	1/14/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26A0379-03
POC-01	2/12/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26B0429-05
POC-01	4/14/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26D0430-01
POC-01	7/22/2025	Beryllium	mg/L	0.000018	0.00025	NA	No	25G0696-01
POC-01	8/19/2025	Beryllium	mg/L	0.000016	0.00025	NA	No	25H0524-01
POC-01	9/16/2025	Beryllium	mg/L	0.00002	0.00025	NA	No	25I0457-03
POC-01	10/15/2025	Beryllium	mg/L	0.00004	0.00025	1.30E-05	No	25J0484-01
POC-01	11/12/2025	Beryllium	mg/L	0.000014	0.00025	1.30E-05	No	25K0411-01
POC-01	12/17/2025	Beryllium	mg/L	0.00012	0.0013	6.60E-05	No	25L0522-04
POC-01	1/14/2026	Beryllium	mg/L	<0.000013	0.00025	1.30E-05	No	26A0379-03
POC-01	2/12/2026	Beryllium	mg/L	<0.000066	0.0013	6.60E-05	No	26B0429-05
POC-01	4/14/2026	Beryllium	mg/L	<0.000013	0.00025	1.30E-05	No	26D0430-01
POC-01	7/22/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25G0696-01
POC-01	8/19/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25H0524-01
POC-01	9/16/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25I0457-03
POC-01	10/15/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25J0484-01
POC-01	11/12/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25K0411-01
POC-01	12/17/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25L0522-04
POC-01	1/14/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26A0379-03
POC-01	2/12/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26B0429-05
POC-01	4/14/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26D0430-01
POC-01	7/22/2025	Calcium	mg/L	240	4	NA	No	25G0696-01
POC-01	8/19/2025	Calcium	mg/L	250	4	NA	No	25H0524-01
POC-01	9/16/2025	Calcium	mg/L	270	4	NA	No	25I0457-03
POC-01	10/15/2025	Calcium	mg/L	240	4	0.13	No	25J0484-01
POC-01	11/12/2025	Calcium	mg/L	280	4	0.13	No	25K0411-01
POC-01	12/17/2025	Calcium	mg/L	89	4	0.13	No	25L0522-04
POC-01	1/14/2026	Calcium	mg/L	270	4	0.13	No	26A0379-03
POC-01	2/12/2026	Calcium	mg/L	260	4	0.13	No	26B0429-05
POC-01	4/14/2026	Calcium	mg/L	260	4.4	0.14	No	26D0430-01
POC-01	7/22/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25G0696-01
POC-01	8/19/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25H0524-01
POC-01	9/16/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25I0457-03
POC-01	10/15/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25J0484-01
POC-01	11/12/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25K0411-01
POC-01	12/17/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25L0522-04
POC-01	1/14/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26A0379-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-01	2/12/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26B0429-05
POC-01	4/14/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26D0430-01
POC-01	7/22/2025	Chloride	mg/L	39	10	NA	No	25G0696-01
POC-01	8/19/2025	Chloride	mg/L	43	5	NA	No	25H0524-01
POC-01	9/16/2025	Chloride	mg/L	42	5	NA	No	25I0457-03
POC-01	10/15/2025	Chloride	mg/L	39	5	3.8	No	25J0484-01
POC-01	11/12/2025	Chloride	mg/L	40	5	3.8	No	25K0411-01
POC-01	12/17/2025	Chloride	mg/L	42	5	3.8	No	25L0522-04
POC-01	1/14/2026	Chloride	mg/L	38	5	3.8	No	26A0379-03
POC-01	2/12/2026	Chloride	mg/L	18	1	0.75	No	26B0429-05
POC-01	4/14/2026	Chloride	mg/L	41	5	3.8	No	26D0430-01
POC-01	7/22/2025	Chromium	mg/L	0.00094	0.0005	NA	No	25G0696-01
POC-01	8/19/2025	Chromium	mg/L	0.00088	0.0005	NA	No	25H0524-01
POC-01	9/16/2025	Chromium	mg/L	0.0013	0.0005	NA	No	25I0457-03
POC-01	10/15/2025	Chromium	mg/L	0.00014	0.0005	2.30E-05	No	25J0484-01
POC-01	11/12/2025	Chromium	mg/L	0.00084	0.0005	2.30E-05	No	25K0411-01
POC-01	12/17/2025	Chromium	mg/L	0.00029	0.0005	2.30E-05	No	25L0522-04
POC-01	1/14/2026	Chromium	mg/L	0.00034	0.0005	2.30E-05	No	26A0379-03
POC-01	2/12/2026	Chromium	mg/L	<0.00012	0.0025	0.00012	No	26B0429-05
POC-01	4/14/2026	Chromium	mg/L	0.00028	0.0005	2.30E-05	No	26D0430-01
POC-01	7/22/2025	Cobalt	mg/L	0.00049	0.00025	NA	No	25G0696-01
POC-01	8/19/2025	Cobalt	mg/L	0.0005	0.00025	NA	No	25H0524-01
POC-01	9/16/2025	Cobalt	mg/L	0.00065	0.00025	NA	No	25I0457-03
POC-01	10/15/2025	Cobalt	mg/L	0.00049	0.00025	1.00E-05	No	25J0484-01
POC-01	11/12/2025	Cobalt	mg/L	0.00053	0.00025	1.00E-05	No	25K0411-01
POC-01	12/17/2025	Cobalt	mg/L	0.00036	0.00025	1.00E-05	No	25L0522-04
POC-01	1/14/2026	Cobalt	mg/L	0.00034	0.00025	1.00E-05	No	26A0379-03
POC-01	2/12/2026	Cobalt	mg/L	0.00028	0.0013	5.20E-05	No	26B0429-05
POC-01	4/14/2026	Cobalt	mg/L	0.00033	0.00025	1.00E-05	No	26D0430-01
POC-01	10/15/2025	Conductivity	Âµmhos/cm	2300	0.5	NA	No	25J0484-01
POC-01	7/22/2025	Conductivity	mhos/cm	1648	NA	NA	No	NA
POC-01	8/19/2025	Conductivity	mhos/cm	1651	NA	NA	No	NA
POC-01	9/16/2025	Conductivity	mhos/cm	1640	NA	NA	No	NA
POC-01	10/15/2025	Conductivity	mhos/cm	1662	NA	NA	No	NA
POC-01	11/12/2025	Conductivity	mhos/cm	1661	NA	NA	No	NA
POC-01	12/17/2025	Conductivity	mhos/cm	1639	NA	NA	No	NA
POC-01	1/14/2026	Conductivity	mhos/cm	1652	NA	NA	No	NA
POC-01	2/12/2026	Conductivity	mhos/cm	1616	NA	NA	No	NA
POC-01	4/14/2026	Conductivity	mhos/cm	1682	NA	NA	No	NA
POC-01	7/22/2025	Copper	mg/L	0.0011	0.0005	NA	No	25G0696-01
POC-01	8/19/2025	Copper	mg/L	<0.0050	0.005	NA	No	25H0524-01
POC-01	9/16/2025	Copper	mg/L	0.00068	0.0005	NA	No	25I0457-03
POC-01	10/15/2025	Copper	mg/L	0.00073	0.0005	0.00015	No	25J0484-01
POC-01	11/12/2025	Copper	mg/L	0.00083	0.0005	0.00015	No	25K0411-01
POC-01	12/17/2025	Copper	mg/L	0.00093	0.0005	0.00015	No	25L0522-04
POC-01	1/14/2026	Copper	mg/L	0.00087	0.0005	0.00015	No	26A0379-03
POC-01	2/12/2026	Copper	mg/L	<0.00077	0.0025	0.00077	No	26B0429-05
POC-01	4/14/2026	Copper	mg/L	0.0006	0.0005	0.00015	No	26D0430-01
POC-01	7/22/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25G0696-01
POC-01	8/19/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25H0524-01
POC-01	9/16/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25I0457-03
POC-01	10/15/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25J0484-01
POC-01	11/12/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25K0411-01
POC-01	12/17/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25L0522-04
POC-01	1/14/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26A0379-03
POC-01	2/12/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26B0429-05
POC-01	4/14/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26D0430-01
POC-01	7/22/2025	DTW	ft	47.99	NA	NA	No	NA
POC-01	8/19/2025	DTW	ft	48.62	NA	NA	No	NA
POC-01	9/16/2025	DTW	ft	48.91	NA	NA	No	NA
POC-01	10/15/2025	DTW	ft	48.68	NA	NA	No	NA
POC-01	11/12/2025	DTW	ft	47.92	NA	NA	No	NA

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-01	12/17/2025	DTW	ft	49.04	NA	NA	No	NA
POC-01	1/14/2026	DTW	ft	49.56	NA	NA	No	NA
POC-01	2/12/2026	DTW	ft	49.79	NA	NA	No	NA
POC-01	4/14/2026	DTW	ft	51.12	NA	NA	No	NA
POC-01	7/22/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25G0696-01
POC-01	8/19/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25H0524-01
POC-01	9/16/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25I0457-03
POC-01	10/15/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25J0484-01
POC-01	11/12/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25K0411-01
POC-01	12/17/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25L0522-04
POC-01	1/14/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26A0379-03
POC-01	2/12/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26B0429-05
POC-01	4/14/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26D0430-01
POC-01	7/22/2025	Fluoride	mg/L	0.87	0.5	NA	No	25G0696-01
POC-01	8/19/2025	Fluoride	mg/L	0.91	0.5	NA	No	25H0524-01
POC-01	9/16/2025	Fluoride	mg/L	0.87	0.5	NA	No	25I0457-03
POC-01	10/15/2025	Fluoride	mg/L	1.1	0.5	0.18	No	25J0484-01
POC-01	11/12/2025	Fluoride	mg/L	0.88	0.5	0.18	No	25K0411-01
POC-01	12/17/2025	Fluoride	mg/L	0.99	0.5	0.18	No	25L0522-04
POC-01	1/14/2026	Fluoride	mg/L	1	0.5	0.18	No	26A0379-03
POC-01	2/12/2026	Fluoride	mg/L	1.1	0.5	0.18	No	26B0429-05
POC-01	4/14/2026	Fluoride	mg/L	1.1	0.5	0.18	No	26D0430-01
POC-01	7/23/2025	Gross Alpha Activity	pCi/L	13.5	NA	NA	No	25G0696-01
POC-01	8/19/2025	Gross Alpha Activity	pCi/L	15.7	NA	NA	No	25H0524-01
POC-01	9/16/2025	Gross Alpha Activity	pCi/L	20.4	NA	NA	YES	25I0457-03
POC-01	10/15/2025	Gross Alpha Activity	pCi/L	17.6	NA	NA	No	25J0484-01
POC-01	11/12/2025	Gross Alpha Activity	pCi/L	12.8	NA	NA	No	25K0411-01
POC-01	12/17/2025	Gross Alpha Activity	pCi/L	14.8	NA	NA	No	25L0522-04
POC-01	1/14/2026	Gross Alpha Activity	pCi/L	10	NA	NA	No	26A0379-03
POC-01	2/12/2026	Gross Alpha Activity	pCi/L	9.6	NA	NA	No	26B0429-05
POC-01	4/14/2026	Gross Alpha Activity	pCi/L	12.7	NA	NA	No	26D0430-01
POC-01	7/22/2025	Iron	mg/L	0.017	0.3	NA	No	25G0696-01
POC-01	8/19/2025	Iron	mg/L	<0.33	0.33	NA	No	25H0524-01
POC-01	9/16/2025	Iron	mg/L	<0.30	0.3	NA	No	25I0457-03
POC-01	10/15/2025	Iron	mg/L	<0.022	0.33	0.022	No	25J0484-01
POC-01	11/12/2025	Iron	mg/L	0.064	0.3	0.02	No	25K0411-01
POC-01	12/17/2025	Iron	mg/L	<0.022	0.33	0.022	No	25L0522-04
POC-01	1/14/2026	Iron	mg/L	<0.022	0.33	0.022	No	26A0379-03
POC-01	2/12/2026	Iron	mg/L	<0.020	0.3	0.02	No	26B0429-05
POC-01	4/14/2026	Iron	mg/L	<0.020	0.3	0.02	No	26D0430-01
POC-01	7/22/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25G0696-01
POC-01	8/19/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25H0524-01
POC-01	9/16/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25I0457-03
POC-01	10/15/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25J0484-01
POC-01	11/12/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25K0411-01
POC-01	12/17/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25L0522-04
POC-01	1/14/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26A0379-03
POC-01	2/12/2026	Lead	mg/L	0.00026	0.0005	5.70E-05	No	26B0429-05
POC-01	4/14/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26D0430-01
POC-01	7/22/2025	Magnesium	mg/L	69	3	NA	No	25G0696-01
POC-01	8/19/2025	Magnesium	mg/L	71	3	NA	No	25H0524-01
POC-01	9/16/2025	Magnesium	mg/L	77	3	NA	No	25I0457-03
POC-01	10/15/2025	Magnesium	mg/L	69	3	0.1	No	25J0484-01
POC-01	11/12/2025	Magnesium	mg/L	85	3	0.1	No	25K0411-01
POC-01	12/17/2025	Magnesium	mg/L	21	3	0.1	No	25L0522-04
POC-01	1/14/2026	Magnesium	mg/L	79	3	0.1	No	26A0379-03
POC-01	2/12/2026	Magnesium	mg/L	73	3	0.1	No	26B0429-05
POC-01	4/14/2026	Magnesium	mg/L	75	3.3	0.12	No	26D0430-01
POC-01	7/22/2025	Manganese	mg/L	0.022	0.00025	NA	No	25G0696-01
POC-01	8/19/2025	Manganese	mg/L	0.0013	0.0025	NA	No	25H0524-01
POC-01	9/16/2025	Manganese	mg/L	0.0017	0.00025	NA	No	25I0457-03
POC-01	10/15/2025	Manganese	mg/L	0.00075	0.00025	3.80E-05	No	25J0484-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-01	11/12/2025	Manganese	mg/L	0.00032	0.00025	3.80E-05	No	25K0411-01
POC-01	12/17/2025	Manganese	mg/L	0.00039	0.00025	3.80E-05	No	25L0522-04
POC-01	1/14/2026	Manganese	mg/L	0.0025	0.00025	3.80E-05	No	26A0379-03
POC-01	2/12/2026	Manganese	mg/L	<0.00019	0.0013	0.00019	No	26B0429-05
POC-01	4/14/2026	Manganese	mg/L	0.00017	0.00025	3.80E-05	No	26D0430-01
POC-01	7/22/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25G0696-01
POC-01	8/19/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25H0524-01
POC-01	9/16/2025	Mercury	mg/L	0.00031	0.001	NA	No	25I0457-03
POC-01	10/15/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25J0484-01
POC-01	11/12/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25K0411-01
POC-01	12/17/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25L0522-04
POC-01	1/14/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26A0379-03
POC-01	2/12/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26B0429-05
POC-01	4/14/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26D0430-01
POC-01	7/22/2025	Molybdenum	mg/L	0.081	0.00025	NA	No	25G0696-01
POC-01	8/19/2025	Molybdenum	mg/L	0.076	0.00025	NA	No	25H0524-01
POC-01	9/16/2025	Molybdenum	mg/L	0.078	0.00025	NA	No	25I0457-03
POC-01	10/15/2025	Molybdenum	mg/L	0.077	0.00025	2.50E-05	No	25J0484-01
POC-01	11/12/2025	Molybdenum	mg/L	0.076	0.00025	2.50E-05	No	25K0411-01
POC-01	12/17/2025	Molybdenum	mg/L	0.075	0.00025	2.50E-05	No	25L0522-04
POC-01	1/14/2026	Molybdenum	mg/L	0.081	0.00025	2.50E-05	No	26A0379-03
POC-01	2/12/2026	Molybdenum	mg/L	0.078	0.00025	2.50E-05	No	26B0429-05
POC-01	4/14/2026	Molybdenum	mg/L	0.068	0.00025	2.50E-05	No	26D0430-01
POC-01	7/22/2025	Nickel	mg/L	0.004	0.0005	NA	No	25G0696-01
POC-01	8/19/2025	Nickel	mg/L	0.0033	0.0005	NA	No	25H0524-01
POC-01	9/16/2025	Nickel	mg/L	0.0056	0.0005	NA	No	25I0457-03
POC-01	10/15/2025	Nickel	mg/L	0.0031	0.0005	1.50E-05	No	25J0484-01
POC-01	11/12/2025	Nickel	mg/L	0.0042	0.0005	1.50E-05	No	25K0411-01
POC-01	12/17/2025	Nickel	mg/L	0.0025	0.0005	1.50E-05	No	25L0522-04
POC-01	1/14/2026	Nickel	mg/L	0.0027	0.0005	1.50E-05	No	26A0379-03
POC-01	2/12/2026	Nickel	mg/L	0.012	0.0025	7.60E-05	No	26B0429-05
POC-01	4/14/2026	Nickel	mg/L	0.0025	0.0005	1.50E-05	No	26D0430-01
POC-01	7/22/2025	Nitrate and Nitrite Sum	NA	22	5.1	NA	No	25G0696-01
POC-01	8/19/2025	Nitrate and Nitrite Sum	NA	23	2.6	NA	No	25H0524-01
POC-01	9/16/2025	Nitrate and Nitrite Sum	NA	25	2.6	NA	No	25I0457-03
POC-01	10/15/2025	Nitrate and Nitrite Sum	NA	23	2.6	1.4	No	25J0484-01
POC-01	11/12/2025	Nitrate and Nitrite Sum	NA	24	2.6	1.4	No	25K0411-01
POC-01	12/17/2025	Nitrate and Nitrite Sum	NA	23	2.6	1.4	No	25L0522-04
POC-01	1/14/2026	Nitrate and Nitrite Sum	NA	23	2.6	1.4	No	26A0379-03
POC-01	2/12/2026	Nitrate and Nitrite Sum	NA	24	5.1	2.7	No	26B0429-05
POC-01	4/14/2026	Nitrate and Nitrite Sum	NA	25	2.6	1.4	No	26D0430-01
POC-01	7/22/2025	Nitrogen, Nitrate (As N)	mg/L	22	5	NA	No	25G0696-01
POC-01	8/19/2025	Nitrogen, Nitrate (As N)	mg/L	23	2.5	NA	No	25H0524-01
POC-01	9/16/2025	Nitrogen, Nitrate (As N)	mg/L	25	2.5	NA	No	25I0457-03
POC-01	10/15/2025	Nitrogen, Nitrate (As N)	mg/L	23	2.5	1.3	No	25J0484-01
POC-01	11/20/2025	Nitrogen, Nitrate (As N)	mg/L	25	2.5	1.3	No	25K0624-01
POC-01	12/17/2025	Nitrogen, Nitrate (As N)	mg/L	23	2.5	1.3	No	25L0522-04
POC-01	1/14/2026	Nitrogen, Nitrate (As N)	mg/L	23	2.5	1.3	No	26A0379-03
POC-01	2/12/2026	Nitrogen, Nitrate (As N)	mg/L	24	5	2.7	No	26B0429-05
POC-01	4/14/2026	Nitrogen, Nitrate (As N)	mg/L	25	2.5	1.3	No	26D0430-01
POC-01	7/22/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25G0696-01
POC-01	8/19/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25H0524-01
POC-01	9/16/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25I0457-03
POC-01	10/15/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25J0484-01
POC-01	11/20/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25K0624-01
POC-01	12/17/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25L0522-04
POC-01	1/14/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26A0379-03
POC-01	2/12/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26B0429-05
POC-01	4/14/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26D0430-01
POC-01	7/22/2025	Nitrogen, Total	NA	22	5.6	NA	No	25G0696-01
POC-01	8/19/2025	Nitrogen, Total	NA	24	3.1	NA	No	25H0524-01
POC-01	9/16/2025	Nitrogen, Total	NA	25	3.1	NA	No	25I0457-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-01	10/15/2025	Nitrogen, Total	NA	24	3.1	1.7	No	25J0484-01
POC-01	11/12/2025	Nitrogen, Total	NA	25	3.1	1.7	No	25K0411-01
POC-01	12/17/2025	Nitrogen, Total	NA	25	3.6	2	No	25L0522-04
POC-01	1/14/2026	Nitrogen, Total	NA	23	3.6	2	No	26A0379-03
POC-01	2/12/2026	Nitrogen, Total	NA	25	6.1	3.3	No	26B0429-05
POC-01	4/14/2026	Nitrogen, Total	NA	26	3.6	2	No	26D0430-01
POC-01	7/22/2025	pH	s.u.	7.53	NA	NA	No	NA
POC-01	8/19/2025	pH	s.u.	7.49	NA	NA	No	NA
POC-01	9/16/2025	pH	s.u.	7.18	NA	NA	No	NA
POC-01	10/15/2025	pH	s.u.	7.16	NA	NA	No	NA
POC-01	11/12/2025	pH	s.u.	7.35	NA	NA	No	NA
POC-01	12/17/2025	pH	s.u.	7.32	NA	NA	No	NA
POC-01	1/14/2026	pH	s.u.	7.19	NA	NA	No	NA
POC-01	2/12/2026	pH	s.u.	7	NA	NA	No	NA
POC-01	4/14/2026	pH	s.u.	6.96	NA	NA	No	NA
POC-01	8/19/2025	pH (pH Units)	-	7.1	NA	NA	No	25H0524-01
POC-01	9/16/2025	pH (pH Units)	-	7.3	NA	NA	No	25I0457-03
POC-01	10/15/2025	pH (pH Units)	-	7.1	NA	NA	No	25J0484-01
POC-01	11/12/2025	pH (pH Units)	-	7.1	NA	NA	No	25K0411-01
POC-01	12/17/2025	pH (pH Units)	-	7.3	NA	NA	No	25L0522-04
POC-01	1/14/2026	pH (pH Units)	-	7.1	NA	NA	No	26A0379-03
POC-01	2/12/2026	pH (pH Units)	-	7.4	NA	NA	No	26B0429-05
POC-01	4/14/2026	pH (pH Units)	-	7.2	NA	NA	No	26D0430-01
POC-01	7/22/2025	Potassium	mg/L	5.7	5	NA	No	25G0696-01
POC-01	8/19/2025	Potassium	mg/L	5.5	5	NA	No	25H0524-01
POC-01	9/16/2025	Potassium	mg/L	5.8	5	NA	No	25I0457-03
POC-01	10/15/2025	Potassium	mg/L	5.7	5	0.14	No	25J0484-01
POC-01	11/12/2025	Potassium	mg/L	5.3	5	0.14	No	25K0411-01
POC-01	12/17/2025	Potassium	mg/L	5.2	5	0.14	No	25L0522-04
POC-01	1/14/2026	Potassium	mg/L	5.8	5	0.14	No	26A0379-03
POC-01	2/12/2026	Potassium	mg/L	5.8	5	0.14	No	26B0429-05
POC-01	4/14/2026	Potassium	mg/L	5.9	5.6	0.16	No	26D0430-01
POC-01	7/22/2025	Selenium	mg/L	0.013	0.0025	NA	No	25G0696-01
POC-01	8/19/2025	Selenium	mg/L	0.012	0.0025	NA	No	25H0524-01
POC-01	9/16/2025	Selenium	mg/L	0.015	0.0025	NA	No	25I0457-03
POC-01	10/15/2025	Selenium	mg/L	0.013	0.0025	0.00025	No	25J0484-01
POC-01	11/12/2025	Selenium	mg/L	0.014	0.0025	0.00025	No	25K0411-01
POC-01	12/17/2025	Selenium	mg/L	0.013	0.0025	0.00025	No	25L0522-04
POC-01	1/14/2026	Selenium	mg/L	0.013	0.0025	0.00025	No	26A0379-03
POC-01	2/12/2026	Selenium	mg/L	0.012	0.0025	0.00025	No	26B0429-05
POC-01	4/14/2026	Selenium	mg/L	0.012	0.0025	0.00025	No	26D0430-01
POC-01	7/22/2025	Sodium	mg/L	20	5	NA	No	25G0696-01
POC-01	8/19/2025	Sodium	mg/L	19	5	NA	No	25H0524-01
POC-01	9/16/2025	Sodium	mg/L	20	5	NA	No	25I0457-03
POC-01	10/15/2025	Sodium	mg/L	19	5	0.58	No	25J0484-01
POC-01	11/12/2025	Sodium	mg/L	18	5	0.58	No	25K0411-01
POC-01	12/17/2025	Sodium	mg/L	140	5	0.58	No	25L0522-04
POC-01	1/14/2026	Sodium	mg/L	20	5	0.58	No	26A0379-03
POC-01	2/12/2026	Sodium	mg/L	20	5	0.58	No	26B0429-05
POC-01	4/14/2026	Sodium	mg/L	21	5.6	0.65	No	26D0430-01
POC-01	7/22/2025	Sulfate	mg/L	610	50	NA	No	25G0696-01
POC-01	8/19/2025	Sulfate	mg/L	640	50	NA	No	25H0524-01
POC-01	9/16/2025	Sulfate	mg/L	670	50	NA	No	25I0457-03
POC-01	10/15/2025	Sulfate	mg/L	600	50	28	No	25J0484-01
POC-01	11/12/2025	Sulfate	mg/L	630	50	28	No	25K0411-01
POC-01	12/17/2025	Sulfate	mg/L	680	50	28	No	25L0522-04
POC-01	1/14/2026	Sulfate	mg/L	630	50	28	No	26A0379-03
POC-01	2/12/2026	Sulfate	mg/L	670	50	28	No	26B0429-05
POC-01	4/14/2026	Sulfate	mg/L	650	50	28	No	26D0430-01
POC-01	7/22/2025	Field Temperature	°C	24.1	NA	NA	No	NA
POC-01	8/19/2025	Field Temperature	°C	26.4	NA	NA	No	NA
POC-01	9/16/2025	Field Temperature	°C	23.9	NA	NA	No	NA

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-01	10/15/2025	Field Temperature	°C	23.4	NA	NA	No	NA
POC-01	11/12/2025	Field Temperature	°C	22.7	NA	NA	No	NA
POC-01	12/17/2025	Field Temperature	°C	23.2	NA	NA	No	NA
POC-01	1/14/2026	Field Temperature	°C	22.1	NA	NA	No	NA
POC-01	2/12/2026	Field Temperature	°C	23.8	NA	NA	No	NA
POC-01	4/14/2026	Field Temperature	°C	23.3	NA	NA	No	NA
POC-01	7/22/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25G0696-01
POC-01	8/19/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25H0524-01
POC-01	9/16/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25I0457-03
POC-01	10/15/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25J0484-01
POC-01	11/12/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25K0411-01
POC-01	12/17/2025	Thallium	mg/L	0.00006	0.0005	2.30E-05	No	25L0522-04
POC-01	1/14/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26A0379-03
POC-01	2/12/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26B0429-05
POC-01	4/14/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26D0430-01
POC-01	7/22/2025	Toluene	ug/L	0.058	0.5	NA	No	25G0696-01
POC-01	8/19/2025	Toluene	ug/L	<0.50	0.5	NA	No	25H0524-01
POC-01	9/16/2025	Toluene	ug/L	<0.50	0.5	NA	No	25I0457-03
POC-01	10/15/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25J0484-01
POC-01	11/12/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25K0411-01
POC-01	12/17/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25L0522-04
POC-01	1/14/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26A0379-03
POC-01	2/12/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26B0429-05
POC-01	4/14/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26D0430-01
POC-01	7/22/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	1400	20	NA	No	25G0696-01
POC-01	8/19/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	1400	20	NA	No	25H0524-01
POC-01	9/16/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	1400	20	NA	No	25I0457-03
POC-01	10/15/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	1300	20	20	No	25J0484-01
POC-01	11/12/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	1400	20	20	No	25K0411-01
POC-01	12/17/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	1300	20	20	No	25L0522-04
POC-01	1/14/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	1300	20	20	No	26A0379-03
POC-01	2/12/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	1400	20	20	No	26B0429-05
POC-01	4/14/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	1400	20	20	No	26D0430-01
POC-01	7/23/2025	Total Radium	pCi/L	1.2	NA	NA	No	25G0696-01
POC-01	8/19/2025	Total Radium	pCi/L	1.5	NA	NA	No	25H0524-01
POC-01	9/16/2025	Total Radium	pCi/L	0.6	NA	NA	No	25I0457-03
POC-01	10/15/2025	Total Radium	pCi/L	0.5	NA	NA	No	25J0484-01
POC-01	11/12/2025	Total Radium	pCi/L	1.2	NA	NA	No	25K0411-01
POC-01	12/17/2025	Total Radium	pCi/L	2.7	NA	NA	No	25L0522-04
POC-01	1/14/2026	Total Radium	pCi/L	1.3	NA	NA	No	26A0379-03
POC-01	2/12/2026	Total Radium	pCi/L	0.8	NA	NA	No	26B0429-05
POC-01	4/14/2026	Total Radium	pCi/L	2.3	NA	NA	No	26D0430-01
POC-01	7/22/2025	Uranium	mg/L	0.016	0.0005	NA	No	25G0696-01
POC-01	8/19/2025	Uranium	mg/L	0.021	0.0005	NA	No	25H0524-01
POC-01	9/16/2025	Uranium	mg/L	0.033	0.00056	NA	YES	25I0457-03
POC-01	10/15/2025	Uranium	mg/L	0.028	0.0005	1.50E-05	No	25J0484-01
POC-01	11/12/2025	Uranium	mg/L	0.018	0.00056	1.60E-05	No	25K0411-01
POC-01	12/17/2025	Uranium	mg/L	0.016	0.0005	1.50E-05	No	25L0522-04
POC-01	1/14/2026	Uranium	mg/L	0.017	0.00056	1.60E-05	No	26A0379-03
POC-01	2/12/2026	Uranium	mg/L	0.013	0.00056	1.60E-05	No	26B0429-05
POC-01	4/14/2026	Uranium	mg/L	0.013	0.00056	1.60E-05	No	26D0430-01
POC-01	7/23/2025	Uranium Total Activity	pCi/L	10.3	NA	NA	No	25G0696-01
POC-01	8/19/2025	Uranium Total Activity	pCi/L	12.2	NA	NA	No	25H0524-01
POC-01	9/16/2025	Uranium Total Activity	pCi/L	19.9	NA	NA	No	25I0457-03
POC-01	10/15/2025	Uranium Total Activity	pCi/L	19.2	NA	NA	No	25J0484-01
POC-01	11/12/2025	Uranium Total Activity	pCi/L	10.2	NA	NA	No	25K0411-01
POC-01	12/17/2025	Uranium Total Activity	pCi/L	11.5	NA	NA	No	25L0522-04
POC-01	1/14/2026	Uranium Total Activity	pCi/L	13.4	NA	NA	No	26A0379-03
POC-01	2/12/2026	Uranium Total Activity	pCi/L	11.5	NA	NA	No	26B0429-05
POC-01	4/14/2026	Uranium Total Activity	pCi/L	9.5	NA	NA	No	26D0430-01
POC-01	7/23/2025	Uranium Total Content	ug/L	12	NA	NA	No	25G0696-01
POC-01	8/19/2025	Uranium Total Content	ug/L	15.2	NA	NA	No	25H0524-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-01	9/16/2025	Uranium Total Content	ug/L	25.8	NA	NA	No	25I0457-03
POC-01	10/15/2025	Uranium Total Content	ug/L	24.8	NA	NA	No	25J0484-01
POC-01	11/12/2025	Uranium Total Content	ug/L	11.5	NA	NA	No	25K0411-01
POC-01	12/17/2025	Uranium Total Content	ug/L	18.8	NA	NA	No	25L0522-04
POC-01	1/14/2026	Uranium Total Content	ug/L	18.2	NA	NA	No	26A0379-03
POC-01	2/12/2026	Uranium Total Content	ug/L	13.3	NA	NA	No	26B0429-05
POC-01	4/14/2026	Uranium Total Content	ug/L	10.7	NA	NA	No	26D0430-01
POC-01	7/22/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25G0696-01
POC-01	8/19/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25H0524-01
POC-01	9/16/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25I0457-03
POC-01	10/15/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25J0484-01
POC-01	11/12/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25K0411-01
POC-01	12/17/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25L0522-04
POC-01	1/14/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26A0379-03
POC-01	2/12/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26B0429-05
POC-01	4/14/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26D0430-01
POC-01	7/22/2025	Zinc	mg/L	0.032	0.04	NA	No	25G0696-01
POC-01	8/19/2025	Zinc	mg/L	0.01	0.04	NA	No	25H0524-01
POC-01	9/16/2025	Zinc	mg/L	0.0065	0.04	NA	No	25I0457-03
POC-01	10/15/2025	Zinc	mg/L	0.0065	0.04	0.0023	No	25J0484-01
POC-01	11/12/2025	Zinc	mg/L	0.011	0.04	0.0023	No	25K0411-01
POC-01	12/17/2025	Zinc	mg/L	0.0027	0.04	0.0023	No	25L0522-04
POC-01	1/14/2026	Zinc	mg/L	<0.0023	0.04	0.0023	No	26A0379-03
POC-01	2/12/2026	Zinc	mg/L	<0.011	0.2	0.011	No	26B0429-05
POC-01	4/14/2026	Zinc	mg/L	0.0028	0.04	0.0023	No	26D0430-01
POC-02	7/23/2025	Adjusted Gross Alpha	pCi/L	3.7	NA	NA	No	25G0696-02
POC-02	8/19/2025	Adjusted Gross Alpha	pCi/L	0.7	NA	NA	No	25H0524-03
POC-02	9/16/2025	Adjusted Gross Alpha	pCi/L	1.2	NA	NA	No	25I0457-02
POC-02	10/15/2025	Adjusted Gross Alpha	pCi/L	<0.1	NA	NA	No	25J0484-02
POC-02	11/12/2025	Adjusted Gross Alpha	pCi/L	2.9	NA	NA	No	25K0411-02
POC-02	12/17/2025	Adjusted Gross Alpha	pCi/L	2.3	NA	NA	No	25L0522-03
POC-02	1/15/2026	Adjusted Gross Alpha	pCi/L	<1	NA	NA	No	26A0433-01
POC-02	2/12/2026	Adjusted Gross Alpha	pCi/L	0.4	NA	NA	No	26B0429-03
POC-02	4/14/2026	Adjusted Gross Alpha	pCi/L	8.1	NA	NA	YES	26D0430-02
POC-02	7/22/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	180	2	NA	No	25G0696-02
POC-02	8/19/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	180	2	NA	No	25H0524-03
POC-02	9/16/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	180	2	NA	No	25I0457-02
POC-02	10/15/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	280	2	2	No	25J0484-02
POC-02	11/12/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	310	2	2	No	25K0411-02
POC-02	12/17/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	310	2	2	No	25L0522-03
POC-02	1/15/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	180	2	2	No	26A0433-01
POC-02	2/12/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	2	No	26B0429-03
POC-02	4/14/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	180	2	2	No	26D0430-02
POC-02	7/22/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-02
POC-02	8/19/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25H0524-03
POC-02	9/16/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25I0457-02
POC-02	10/15/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25J0484-02
POC-02	11/12/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25K0411-02
POC-02	12/17/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25L0522-03
POC-02	1/15/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26A0433-01
POC-02	2/12/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26B0429-03
POC-02	4/14/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26D0430-02
POC-02	7/22/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-02
POC-02	8/19/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25H0524-03
POC-02	9/16/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25I0457-02
POC-02	10/15/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25J0484-02
POC-02	11/12/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25K0411-02
POC-02	12/17/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25L0522-03
POC-02	1/15/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26A0433-01
POC-02	2/12/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26B0429-03
POC-02	4/14/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26D0430-02
POC-02	7/22/2025	Alkalinity, Total (As CaCO3)	mg/L	180	2	NA	No	25G0696-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-02	8/19/2025	Alkalinity, Total (As CaCO3)	mg/L	180	2	NA	No	25H0524-03
POC-02	9/16/2025	Alkalinity, Total (As CaCO3)	mg/L	180	2	NA	No	25I0457-02
POC-02	10/15/2025	Alkalinity, Total (As CaCO3)	mg/L	280	2	2	No	25J0484-02
POC-02	11/12/2025	Alkalinity, Total (As CaCO3)	mg/L	310	2	2	No	25K0411-02
POC-02	12/17/2025	Alkalinity, Total (As CaCO3)	mg/L	310	2	2	No	25L0522-03
POC-02	1/15/2026	Alkalinity, Total (As CaCO3)	mg/L	180	2	2	No	26A0433-01
POC-02	2/12/2026	Alkalinity, Total (As CaCO3)	mg/L	190	2	2	No	26B0429-03
POC-02	4/14/2026	Alkalinity, Total (As CaCO3)	mg/L	180	2	2	No	26D0430-02
POC-02	7/22/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25G0696-02
POC-02	8/19/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25H0524-03
POC-02	9/16/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25I0457-02
POC-02	10/15/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25J0484-02
POC-02	11/12/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25K0411-02
POC-02	12/17/2025	Aluminum	mg/L	<0.066	0.2	0.066	No	25L0522-03
POC-02	1/15/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26A0433-01
POC-02	2/12/2026	Aluminum	mg/L	<0.066	0.2	0.066	No	26B0429-03
POC-02	4/14/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26D0430-02
POC-02	7/22/2025	Antimony	mg/L	0.00084	0.0005	NA	No	25G0696-02
POC-02	8/19/2025	Antimony	mg/L	0.00058	0.005	NA	No	25H0524-03
POC-02	9/16/2025	Antimony	mg/L	0.00091	0.0005	NA	No	25I0457-02
POC-02	10/15/2025	Antimony	mg/L	0.001	0.0005	3.90E-05	No	25J0484-02
POC-02	11/12/2025	Antimony	mg/L	0.00097	0.0005	3.90E-05	No	25K0411-02
POC-02	12/17/2025	Antimony	mg/L	0.00093	0.0005	3.90E-05	No	25L0522-03
POC-02	1/15/2026	Antimony	mg/L	0.00092	0.0005	3.90E-05	No	26A0433-01
POC-02	2/12/2026	Antimony	mg/L	0.00088	0.0005	3.90E-05	No	26B0429-03
POC-02	4/14/2026	Antimony	mg/L	0.00085	0.0005	3.90E-05	No	26D0430-02
POC-02	7/22/2025	Arsenic	mg/L	0.006	0.0005	NA	No	25G0696-02
POC-02	8/19/2025	Arsenic	mg/L	0.0061	0.0005	NA	No	25H0524-03
POC-02	9/16/2025	Arsenic	mg/L	0.0075	0.0005	NA	No	25I0457-02
POC-02	10/15/2025	Arsenic	mg/L	0.0068	0.0005	0.0001	No	25J0484-02
POC-02	11/12/2025	Arsenic	mg/L	0.0072	0.0005	0.0001	No	25K0411-02
POC-02	12/17/2025	Arsenic	mg/L	0.0064	0.0005	0.0001	No	25L0522-03
POC-02	1/15/2026	Arsenic	mg/L	0.0073	0.0005	0.0001	No	26A0433-01
POC-02	2/12/2026	Arsenic	mg/L	0.0069	0.0005	0.0001	No	26B0429-03
POC-02	4/14/2026	Arsenic	mg/L	0.0068	0.0005	0.0001	No	26D0430-02
POC-02	7/22/2025	Barium	mg/L	0.026	0.0005	NA	No	25G0696-02
POC-02	8/19/2025	Barium	mg/L	0.023	0.005	NA	No	25H0524-03
POC-02	9/16/2025	Barium	mg/L	0.027	0.0005	NA	No	25I0457-02
POC-02	10/15/2025	Barium	mg/L	0.025	0.0005	2.90E-05	No	25J0484-02
POC-02	11/12/2025	Barium	mg/L	0.03	0.0005	2.90E-05	No	25K0411-02
POC-02	12/17/2025	Barium	mg/L	0.028	0.0005	2.90E-05	No	25L0522-03
POC-02	1/15/2026	Barium	mg/L	0.024	0.0005	2.90E-05	No	26A0433-01
POC-02	2/12/2026	Barium	mg/L	0.024	0.0005	2.90E-05	No	26B0429-03
POC-02	4/14/2026	Barium	mg/L	0.021	0.0005	2.90E-05	No	26D0430-02
POC-02	7/22/2025	Benzene	ug/L	<0.50	0.5	NA	No	25G0696-02
POC-02	8/19/2025	Benzene	ug/L	<0.50	0.5	NA	No	25H0524-03
POC-02	9/16/2025	Benzene	ug/L	<0.50	0.5	NA	No	25I0457-02
POC-02	10/15/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25J0484-02
POC-02	11/12/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25K0411-02
POC-02	12/17/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25L0522-03
POC-02	1/15/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26A0433-01
POC-02	2/12/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26B0429-03
POC-02	4/14/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26D0430-02
POC-02	7/22/2025	Beryllium	mg/L	0.000028	0.00025	NA	No	25G0696-02
POC-02	8/19/2025	Beryllium	mg/L	<0.00025	0.00025	NA	No	25H0524-03
POC-02	9/16/2025	Beryllium	mg/L	0.000036	0.00025	NA	No	25I0457-02
POC-02	10/15/2025	Beryllium	mg/L	0.000041	0.00025	1.30E-05	No	25J0484-02
POC-02	11/12/2025	Beryllium	mg/L	0.000024	0.00025	1.30E-05	No	25K0411-02
POC-02	12/17/2025	Beryllium	mg/L	0.000096	0.0013	6.60E-05	No	25L0522-03
POC-02	1/15/2026	Beryllium	mg/L	0.000058	0.00025	1.30E-05	No	26A0433-01
POC-02	2/12/2026	Beryllium	mg/L	<0.000066	0.0013	6.60E-05	No	26B0429-03
POC-02	4/14/2026	Beryllium	mg/L	0.000031	0.00025	1.30E-05	No	26D0430-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-02	7/22/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25G0696-02
POC-02	8/19/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25H0524-03
POC-02	9/16/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25I0457-02
POC-02	10/15/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25J0484-02
POC-02	11/12/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25K0411-02
POC-02	12/17/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25L0522-03
POC-02	1/15/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26A0433-01
POC-02	2/12/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26B0429-03
POC-02	4/14/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26D0430-02
POC-02	7/22/2025	Calcium	mg/L	210	4	NA	No	25G0696-02
POC-02	8/19/2025	Calcium	mg/L	220	4	NA	No	25H0524-03
POC-02	9/16/2025	Calcium	mg/L	230	4	NA	No	25I0457-02
POC-02	10/15/2025	Calcium	mg/L	220	4	0.13	No	25J0484-02
POC-02	11/12/2025	Calcium	mg/L	300	4	0.13	No	25K0411-02
POC-02	12/17/2025	Calcium	mg/L	50	4	0.13	No	25L0522-03
POC-02	1/15/2026	Calcium	mg/L	220	4	0.13	No	26A0433-01
POC-02	2/12/2026	Calcium	mg/L	240	4	0.13	No	26B0429-03
POC-02	4/14/2026	Calcium	mg/L	260	4.4	0.14	No	26D0430-02
POC-02	7/22/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25G0696-02
POC-02	8/19/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25H0524-03
POC-02	9/16/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25I0457-02
POC-02	10/15/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25J0484-02
POC-02	11/12/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25K0411-02
POC-02	12/17/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25L0522-03
POC-02	1/15/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26A0433-01
POC-02	2/12/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26B0429-03
POC-02	4/14/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26D0430-02
POC-02	7/22/2025	Chloride	mg/L	57	10	NA	No	25G0696-02
POC-02	8/19/2025	Chloride	mg/L	66	5	NA	No	25H0524-03
POC-02	9/16/2025	Chloride	mg/L	67	5	NA	No	25I0457-02
POC-02	10/15/2025	Chloride	mg/L	69	10	7.5	No	25J0484-02
POC-02	11/12/2025	Chloride	mg/L	52	5	3.8	No	25K0411-02
POC-02	12/17/2025	Chloride	mg/L	58	5	3.8	No	25L0522-03
POC-02	1/15/2026	Chloride	mg/L	91	10	7.5	No	26A0433-01
POC-02	2/12/2026	Chloride	mg/L	96	20	15	No	26B0429-03
POC-02	4/14/2026	Chloride	mg/L	96	10	7.5	No	26D0430-02
POC-02	7/22/2025	Chromium	mg/L	0.001	0.0005	NA	No	25G0696-02
POC-02	8/19/2025	Chromium	mg/L	0.00086	0.0005	NA	No	25H0524-03
POC-02	9/16/2025	Chromium	mg/L	0.0011	0.0005	NA	No	25I0457-02
POC-02	10/15/2025	Chromium	mg/L	0.00005	0.0005	2.30E-05	No	25J0484-02
POC-02	11/12/2025	Chromium	mg/L	0.0012	0.0005	2.30E-05	No	25K0411-02
POC-02	12/17/2025	Chromium	mg/L	0.00018	0.0005	2.30E-05	No	25L0522-03
POC-02	1/15/2026	Chromium	mg/L	0.0006	0.0005	2.30E-05	No	26A0433-01
POC-02	2/12/2026	Chromium	mg/L	<0.00012	0.0025	0.00012	No	26B0429-03
POC-02	4/14/2026	Chromium	mg/L	0.00022	0.0005	2.30E-05	No	26D0430-02
POC-02	7/22/2025	Cobalt	mg/L	0.00031	0.00025	NA	No	25G0696-02
POC-02	8/19/2025	Cobalt	mg/L	0.00034	0.00025	NA	No	25H0524-03
POC-02	9/16/2025	Cobalt	mg/L	0.00048	0.00025	NA	No	25I0457-02
POC-02	10/15/2025	Cobalt	mg/L	0.00029	0.00025	1.00E-05	No	25J0484-02
POC-02	11/12/2025	Cobalt	mg/L	0.00049	0.00025	1.00E-05	No	25K0411-02
POC-02	12/17/2025	Cobalt	mg/L	0.00028	0.00025	1.00E-05	No	25L0522-03
POC-02	1/15/2026	Cobalt	mg/L	0.00026	0.00025	1.00E-05	No	26A0433-01
POC-02	2/12/2026	Cobalt	mg/L	0.00019	0.0013	5.20E-05	No	26B0429-03
POC-02	4/14/2026	Cobalt	mg/L	0.00026	0.00025	1.00E-05	No	26D0430-02
POC-02	10/15/2025	Conductivity	Âµmhos/cm	2000	0.5	NA	No	25J0484-02
POC-02	7/22/2025	Conductivity	mhos/cm	1584	NA	NA	No	NA
POC-02	8/19/2025	Conductivity	mhos/cm	1548	NA	NA	No	NA
POC-02	9/16/2025	Conductivity	mhos/cm	1545	NA	NA	No	NA
POC-02	10/15/2025	Conductivity	mhos/cm	1676	NA	NA	No	NA
POC-02	11/12/2025	Conductivity	mhos/cm	1962	NA	NA	No	NA
POC-02	12/17/2025	Conductivity	mhos/cm	1837	NA	NA	No	NA
POC-02	1/15/2026	Conductivity	mhos/cm	1694	NA	NA	No	NA

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-02	2/12/2026	Conductivity	mhos/cm	1687	NA	NA	No	NA
POC-02	4/13/2026	Conductivity	mhos/cm	1749	NA	NA	No	NA
POC-02	7/22/2025	Copper	mg/L	0.0011	0.0005	NA	No	25G0696-02
POC-02	8/19/2025	Copper	mg/L	0.0017	0.005	NA	No	25H0524-03
POC-02	9/16/2025	Copper	mg/L	0.0011	0.0005	NA	No	25I0457-02
POC-02	10/15/2025	Copper	mg/L	0.0022	0.0005	0.00015	No	25J0484-02
POC-02	11/12/2025	Copper	mg/L	0.0043	0.0005	0.00015	No	25K0411-02
POC-02	12/17/2025	Copper	mg/L	0.0042	0.0005	0.00015	No	25L0522-03
POC-02	1/15/2026	Copper	mg/L	0.0014	0.0005	0.00015	No	26A0433-01
POC-02	2/12/2026	Copper	mg/L	<0.00077	0.0025	0.00077	No	26B0429-03
POC-02	4/14/2026	Copper	mg/L	0.0011	0.0005	0.00015	No	26D0430-02
POC-02	7/22/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25G0696-02
POC-02	8/19/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25H0524-03
POC-02	9/16/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25I0457-02
POC-02	10/15/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25J0484-02
POC-02	11/12/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25K0411-02
POC-02	12/17/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25L0522-03
POC-02	1/15/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26A0433-01
POC-02	2/12/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26B0429-03
POC-02	4/14/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26D0430-02
POC-02	7/22/2025	DTW	ft	40.85	NA	NA	No	NA
POC-02	8/19/2025	DTW	ft	40.42	NA	NA	No	NA
POC-02	9/16/2025	DTW	ft	39.75	NA	NA	No	NA
POC-02	10/15/2025	DTW	ft	37.49	NA	NA	No	NA
POC-02	11/12/2025	DTW	ft	35.95	NA	NA	No	NA
POC-02	12/17/2025	DTW	ft	35.33	NA	NA	No	NA
POC-02	1/15/2026	DTW	ft	33.61	NA	NA	No	NA
POC-02	2/12/2026	DTW	ft	30.38	NA	NA	No	NA
POC-02	4/13/2026	DTW	ft	35.95	NA	NA	No	NA
POC-02	7/22/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25G0696-02
POC-02	8/19/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25H0524-03
POC-02	9/16/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25I0457-02
POC-02	10/15/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25J0484-02
POC-02	11/12/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25K0411-02
POC-02	12/17/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25L0522-03
POC-02	1/15/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26A0433-01
POC-02	2/12/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26B0429-03
POC-02	4/14/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26D0430-02
POC-02	7/22/2025	Fluoride	mg/L	1.5	0.5	NA	No	25G0696-02
POC-02	8/19/2025	Fluoride	mg/L	1.6	0.5	NA	No	25H0524-03
POC-02	9/16/2025	Fluoride	mg/L	1.5	0.5	NA	No	25I0457-02
POC-02	10/15/2025	Fluoride	mg/L	1.5	0.5	0.18	No	25J0484-02
POC-02	11/12/2025	Fluoride	mg/L	0.92	0.5	0.18	No	25K0411-02
POC-02	12/17/2025	Fluoride	mg/L	1.2	0.5	0.18	No	25L0522-03
POC-02	1/15/2026	Fluoride	mg/L	1.7	0.5	0.18	No	26A0433-01
POC-02	2/12/2026	Fluoride	mg/L	1.9	0.5	0.18	No	26B0429-03
POC-02	4/14/2026	Fluoride	mg/L	1.9	0.5	0.18	No	26D0430-02
POC-02	7/23/2025	Gross Alpha Activity	pCi/L	16.1	NA	NA	No	25G0696-02
POC-02	8/19/2025	Gross Alpha Activity	pCi/L	17.1	NA	NA	No	25H0524-03
POC-02	9/16/2025	Gross Alpha Activity	pCi/L	15.9	NA	NA	No	25I0457-02
POC-02	10/15/2025	Gross Alpha Activity	pCi/L	13.8	NA	NA	No	25J0484-02
POC-02	11/12/2025	Gross Alpha Activity	pCi/L	17.9	NA	NA	No	25K0411-02
POC-02	12/17/2025	Gross Alpha Activity	pCi/L	18.7	NA	NA	No	25L0522-03
POC-02	1/15/2026	Gross Alpha Activity	pCi/L	12.4	NA	NA	YES	26A0433-01
POC-02	2/12/2026	Gross Alpha Activity	pCi/L	15.9	NA	NA	No	26B0429-03
POC-02	4/14/2026	Gross Alpha Activity	pCi/L	20.8	NA	NA	No	26D0430-02
POC-02	7/22/2025	Iron	mg/L	0.053	0.3	NA	No	25G0696-02
POC-02	8/19/2025	Iron	mg/L	<0.33	0.33	NA	No	25H0524-03
POC-02	9/16/2025	Iron	mg/L	<0.30	0.3	NA	No	25I0457-02
POC-02	10/15/2025	Iron	mg/L	<0.022	0.33	0.022	No	25J0484-02
POC-02	11/12/2025	Iron	mg/L	0.11	0.3	0.02	No	25K0411-02
POC-02	12/17/2025	Iron	mg/L	<0.022	0.33	0.022	No	25L0522-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-02	1/15/2026	Iron	mg/L	<0.022	0.33	0.022	No	26A0433-01
POC-02	2/12/2026	Iron	mg/L	<0.020	0.3	0.02	No	26B0429-03
POC-02	4/14/2026	Iron	mg/L	<0.020	0.3	0.02	No	26D0430-02
POC-02	7/22/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25G0696-02
POC-02	8/19/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25H0524-03
POC-02	9/16/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25I0457-02
POC-02	10/15/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25J0484-02
POC-02	11/12/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25K0411-02
POC-02	12/17/2025	Lead	mg/L	0.000068	0.0005	5.70E-05	No	25L0522-03
POC-02	1/15/2026	Lead	mg/L	0.000094	0.0005	5.70E-05	No	26A0433-01
POC-02	2/12/2026	Lead	mg/L	0.00031	0.0005	5.70E-05	No	26B0429-03
POC-02	4/14/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26D0430-02
POC-02	7/22/2025	Magnesium	mg/L	64	3	NA	No	25G0696-02
POC-02	8/19/2025	Magnesium	mg/L	66	3	NA	No	25H0524-03
POC-02	9/16/2025	Magnesium	mg/L	71	3	NA	No	25I0457-02
POC-02	10/15/2025	Magnesium	mg/L	65	3	0.1	No	25J0484-02
POC-02	11/12/2025	Magnesium	mg/L	96	3	0.1	No	25K0411-02
POC-02	12/17/2025	Magnesium	mg/L	13	3	0.1	No	25L0522-03
POC-02	1/15/2026	Magnesium	mg/L	67	3	0.1	No	26A0433-01
POC-02	2/12/2026	Magnesium	mg/L	74	3	0.1	No	26B0429-03
POC-02	4/14/2026	Magnesium	mg/L	79	3.3	0.12	No	26D0430-02
POC-02	7/22/2025	Manganese	mg/L	0.0024	0.00025	NA	No	25G0696-02
POC-02	8/19/2025	Manganese	mg/L	0.00092	0.0025	NA	No	25H0524-03
POC-02	9/16/2025	Manganese	mg/L	0.0066	0.00025	NA	No	25I0457-02
POC-02	10/15/2025	Manganese	mg/L	0.00096	0.00025	3.80E-05	No	25J0484-02
POC-02	11/12/2025	Manganese	mg/L	0.00062	0.00025	3.80E-05	No	25K0411-02
POC-02	12/17/2025	Manganese	mg/L	0.00078	0.00025	3.80E-05	No	25L0522-03
POC-02	1/15/2026	Manganese	mg/L	0.0004	0.00025	3.80E-05	No	26A0433-01
POC-02	2/12/2026	Manganese	mg/L	<0.00019	0.0013	0.00019	No	26B0429-03
POC-02	4/14/2026	Manganese	mg/L	0.00036	0.00025	3.80E-05	No	26D0430-02
POC-02	7/22/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25G0696-02
POC-02	8/19/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25H0524-03
POC-02	9/16/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25I0457-02
POC-02	10/15/2025	Mercury	mg/L	0.00017	0.001	0.00015	No	25J0484-02
POC-02	11/12/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25K0411-02
POC-02	12/17/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25L0522-03
POC-02	1/15/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26A0433-01
POC-02	2/12/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26B0429-03
POC-02	4/14/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26D0430-02
POC-02	7/22/2025	Molybdenum	mg/L	0.17	0.00025	NA	No	25G0696-02
POC-02	8/19/2025	Molybdenum	mg/L	0.17	0.00025	NA	No	25H0524-03
POC-02	9/16/2025	Molybdenum	mg/L	0.18	0.00025	NA	No	25I0457-02
POC-02	10/15/2025	Molybdenum	mg/L	0.12	0.00025	2.50E-05	No	25J0484-02
POC-02	11/12/2025	Molybdenum	mg/L	0.1	0.00025	2.50E-05	No	25K0411-02
POC-02	12/17/2025	Molybdenum	mg/L	0.1	0.00025	2.50E-05	No	25L0522-03
POC-02	1/15/2026	Molybdenum	mg/L	0.17	0.00025	2.50E-05	No	26A0433-01
POC-02	2/12/2026	Molybdenum	mg/L	0.17	0.00025	2.50E-05	No	26B0429-03
POC-02	4/14/2026	Molybdenum	mg/L	0.17	0.00025	2.50E-05	No	26D0430-02
POC-02	7/22/2025	Nickel	mg/L	0.0032	0.0005	NA	No	25G0696-02
POC-02	8/19/2025	Nickel	mg/L	0.0028	0.0005	NA	No	25H0524-03
POC-02	9/16/2025	Nickel	mg/L	0.0049	0.0005	NA	No	25I0457-02
POC-02	10/15/2025	Nickel	mg/L	0.0019	0.0005	1.50E-05	No	25J0484-02
POC-02	11/12/2025	Nickel	mg/L	0.0046	0.0005	1.50E-05	No	25K0411-02
POC-02	12/17/2025	Nickel	mg/L	0.0028	0.0005	1.50E-05	No	25L0522-03
POC-02	1/15/2026	Nickel	mg/L	0.0027	0.0005	1.50E-05	No	26A0433-01
POC-02	2/12/2026	Nickel	mg/L	0.0029	0.0025	7.60E-05	No	26B0429-03
POC-02	4/14/2026	Nickel	mg/L	0.0026	0.0005	1.50E-05	No	26D0430-02
POC-02	7/22/2025	Nitrate and Nitrite Sum	NA	1.9	0.6	NA	No	25G0696-02
POC-02	8/19/2025	Nitrate and Nitrite Sum	NA	1.8	0.6	NA	No	25H0524-03
POC-02	9/16/2025	Nitrate and Nitrite Sum	NA	1.7	0.6	NA	No	25I0457-02
POC-02	10/15/2025	Nitrate and Nitrite Sum	NA	3.7	0.6	0.28	No	25J0484-02
POC-02	11/12/2025	Nitrate and Nitrite Sum	NA	2.8	0.6	0.28	No	25K0411-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-02	12/17/2025	Nitrate and Nitrite Sum	NA	3.2	0.6	0.28	No	25L0522-03
POC-02	1/15/2026	Nitrate and Nitrite Sum	NA	2.4	0.6	0.28	No	26A0433-01
POC-02	2/12/2026	Nitrate and Nitrite Sum	NA	2.5	0.6	0.28	No	26B0429-03
POC-02	4/14/2026	Nitrate and Nitrite Sum	NA	2.3	0.6	0.28	No	26D0430-02
POC-02	7/22/2025	Nitrogen, Nitrate (As N)	mg/L	1.9	0.5	NA	No	25G0696-02
POC-02	8/19/2025	Nitrogen, Nitrate (As N)	mg/L	1.8	0.5	NA	No	25H0524-03
POC-02	9/16/2025	Nitrogen, Nitrate (As N)	mg/L	1.7	0.5	NA	No	25I0457-02
POC-02	10/15/2025	Nitrogen, Nitrate (As N)	mg/L	3.7	0.5	0.27	No	25J0484-02
POC-02	11/20/2025	Nitrogen, Nitrate (As N)	mg/L	2.9	0.5	0.27	No	25K0624-02
POC-02	12/17/2025	Nitrogen, Nitrate (As N)	mg/L	3.2	0.5	0.27	No	25L0522-03
POC-02	1/15/2026	Nitrogen, Nitrate (As N)	mg/L	2.4	0.5	0.27	No	26A0433-01
POC-02	2/12/2026	Nitrogen, Nitrate (As N)	mg/L	2.5	0.5	0.27	No	26B0429-03
POC-02	4/14/2026	Nitrogen, Nitrate (As N)	mg/L	2.3	0.5	0.27	No	26D0430-02
POC-02	7/22/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25G0696-02
POC-02	8/19/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25H0524-03
POC-02	9/16/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25I0457-02
POC-02	10/15/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25J0484-02
POC-02	11/20/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25K0624-02
POC-02	12/17/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25L0522-03
POC-02	1/15/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26A0433-01
POC-02	2/12/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26B0429-03
POC-02	4/14/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26D0430-02
POC-02	7/22/2025	Nitrogen, Total	NA	1.9	1.1	NA	No	25G0696-02
POC-02	8/19/2025	Nitrogen, Total	NA	1.8	1.1	NA	No	25H0524-03
POC-02	9/16/2025	Nitrogen, Total	NA	1.7	1.1	NA	No	25I0457-02
POC-02	10/15/2025	Nitrogen, Total	NA	3.7	1.1	0.58	No	25J0484-02
POC-02	11/12/2025	Nitrogen, Total	NA	2.8	1.1	0.58	No	25K0411-02
POC-02	12/17/2025	Nitrogen, Total	NA	3.6	1.1	0.58	No	25L0522-03
POC-02	1/15/2026	Nitrogen, Total	NA	2.4	1.1	0.58	No	26A0433-01
POC-02	2/12/2026	Nitrogen, Total	NA	2.9	1.1	0.58	No	26B0429-03
POC-02	4/14/2026	Nitrogen, Total	NA	2.8	1.1	0.58	No	26D0430-02
POC-02	7/22/2025	pH	s.u.	7.46	NA	NA	No	NA
POC-02	8/19/2025	pH	s.u.	7.26	NA	NA	No	NA
POC-02	9/16/2025	pH	s.u.	7.53	NA	NA	No	NA
POC-02	10/15/2025	pH	s.u.	7.33	NA	NA	No	NA
POC-02	11/12/2025	pH	s.u.	7.19	NA	NA	No	NA
POC-02	12/17/2025	pH	s.u.	7.19	NA	NA	No	NA
POC-02	1/15/2026	pH	s.u.	7.2	NA	NA	No	NA
POC-02	2/12/2026	pH	s.u.	6.99	NA	NA	No	NA
POC-02	4/13/2026	pH	s.u.	7.17	NA	NA	No	NA
POC-02	8/19/2025	pH (pH Units)	-	7.2	NA	NA	No	25H0524-03
POC-02	9/16/2025	pH (pH Units)	-	7.3	NA	NA	No	25I0457-02
POC-02	10/15/2025	pH (pH Units)	-	7	NA	NA	No	25J0484-02
POC-02	11/12/2025	pH (pH Units)	-	6.9	NA	NA	No	25K0411-02
POC-02	12/17/2025	pH (pH Units)	-	7.1	NA	NA	No	25L0522-03
POC-02	1/15/2026	pH (pH Units)	-	7.3	NA	NA	No	26A0433-01
POC-02	2/12/2026	pH (pH Units)	-	7.4	NA	NA	No	26B0429-03
POC-02	4/14/2026	pH (pH Units)	-	7.1	NA	NA	No	26D0430-02
POC-02	7/22/2025	Potassium	mg/L	4.6	5	NA	No	25G0696-02
POC-02	8/19/2025	Potassium	mg/L	4.5	5	NA	No	25H0524-03
POC-02	9/16/2025	Potassium	mg/L	4.4	5	NA	No	25I0457-02
POC-02	10/15/2025	Potassium	mg/L	4.5	5	0.14	No	25J0484-02
POC-02	11/12/2025	Potassium	mg/L	4.6	5	0.14	No	25K0411-02
POC-02	12/17/2025	Potassium	mg/L	0.7	5	0.14	No	25L0522-03
POC-02	1/15/2026	Potassium	mg/L	4.2	5	0.14	No	26A0433-01
POC-02	2/12/2026	Potassium	mg/L	4.6	5	0.14	No	26B0429-03
POC-02	4/14/2026	Potassium	mg/L	5	5.6	0.16	No	26D0430-02
POC-02	7/22/2025	Selenium	mg/L	0.0094	0.0025	NA	No	25G0696-02
POC-02	8/19/2025	Selenium	mg/L	0.0086	0.0025	NA	No	25H0524-03
POC-02	9/16/2025	Selenium	mg/L	0.011	0.0025	NA	No	25I0457-02
POC-02	10/15/2025	Selenium	mg/L	0.0045	0.0025	0.00025	No	25J0484-02
POC-02	11/12/2025	Selenium	mg/L	0.0042	0.0025	0.00025	No	25K0411-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-02	12/17/2025	Selenium	mg/L	0.0034	0.0025	0.00025	No	25L0522-03
POC-02	1/15/2026	Selenium	mg/L	0.011	0.0025	0.00025	No	26A0433-01
POC-02	2/12/2026	Selenium	mg/L	0.009	0.0025	0.00025	No	26B0429-03
POC-02	4/14/2026	Selenium	mg/L	0.0098	0.0025	0.00025	No	26D0430-02
POC-02	7/22/2025	Sodium	mg/L	32	5	NA	No	25G0696-02
POC-02	8/19/2025	Sodium	mg/L	33	5	NA	No	25H0524-03
POC-02	9/16/2025	Sodium	mg/L	32	5	NA	No	25I0457-02
POC-02	10/15/2025	Sodium	mg/L	61	5	0.58	No	25J0484-02
POC-02	11/12/2025	Sodium	mg/L	89	5	0.58	No	25K0411-02
POC-02	12/17/2025	Sodium	mg/L	17	5	0.58	No	25L0522-03
POC-02	1/15/2026	Sodium	mg/L	34	5	0.58	No	26A0433-01
POC-02	2/12/2026	Sodium	mg/L	35	5	0.58	No	26B0429-03
POC-02	4/14/2026	Sodium	mg/L	37	5.6	0.65	No	26D0430-02
POC-02	7/22/2025	Sulfate	mg/L	600	50	NA	No	25G0696-02
POC-02	8/19/2025	Sulfate	mg/L	640	50	NA	No	25H0524-03
POC-02	9/16/2025	Sulfate	mg/L	660	50	NA	No	25I0457-02
POC-02	10/15/2025	Sulfate	mg/L	550	50	28	No	25J0484-02
POC-02	11/12/2025	Sulfate	mg/L	770	100	56	No	25K0411-02
POC-02	12/17/2025	Sulfate	mg/L	720	100	56	No	25L0522-03
POC-02	1/15/2026	Sulfate	mg/L	770	50	28	No	26A0433-01
POC-02	2/12/2026	Sulfate	mg/L	710	100	56	No	26B0429-03
POC-02	4/14/2026	Sulfate	mg/L	700	50	28	No	26D0430-02
POC-02	7/22/2025	Field Temperature	°C	24.7	NA	NA	No	NA
POC-02	8/19/2025	Field Temperature	°C	24.3	NA	NA	No	NA
POC-02	9/16/2025	Field Temperature	°C	25	NA	NA	No	NA
POC-02	10/15/2025	Field Temperature	°C	23.4	NA	NA	No	NA
POC-02	11/12/2025	Field Temperature	°C	22.9	NA	NA	No	NA
POC-02	12/17/2025	Field Temperature	°C	23.1	NA	NA	No	NA
POC-02	1/15/2026	Field Temperature	°C	19.9	NA	NA	No	NA
POC-02	2/12/2026	Field Temperature	°C	22.7	NA	NA	No	NA
POC-02	4/13/2026	Field Temperature	°C	23	NA	NA	No	NA
POC-02	7/22/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25G0696-02
POC-02	8/19/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25H0524-03
POC-02	9/16/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25I0457-02
POC-02	10/15/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25J0484-02
POC-02	11/12/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25K0411-02
POC-02	12/17/2025	Thallium	mg/L	0.000052	0.0005	2.30E-05	No	25L0522-03
POC-02	1/15/2026	Thallium	mg/L	0.000058	0.0005	2.30E-05	No	26A0433-01
POC-02	2/12/2026	Thallium	mg/L	0.000051	0.0005	2.30E-05	No	26B0429-03
POC-02	4/14/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26D0430-02
POC-02	7/22/2025	Toluene	ug/L	<0.50	0.5	NA	No	25G0696-02
POC-02	8/19/2025	Toluene	ug/L	<0.50	0.5	NA	No	25H0524-03
POC-02	9/16/2025	Toluene	ug/L	<0.50	0.5	NA	No	25I0457-02
POC-02	10/15/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25J0484-02
POC-02	11/12/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25K0411-02
POC-02	12/17/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25L0522-03
POC-02	1/15/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26A0433-01
POC-02	2/12/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26B0429-03
POC-02	4/14/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26D0430-02
POC-02	7/22/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	1300	20	NA	No	25G0696-02
POC-02	8/19/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	1300	20	NA	No	25H0524-03
POC-02	9/16/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	1300	20	NA	No	25I0457-02
POC-02	10/15/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	1400	20	20	No	25J0484-02
POC-02	11/12/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	1700	20	20	No	25K0411-02
POC-02	12/17/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	1600	20	20	No	25L0522-03
POC-02	1/15/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	1400	20	20	No	26A0433-01
POC-02	2/12/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	1400	20	20	No	26B0429-03
POC-02	4/14/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	1400	20	20	No	26D0430-02
POC-02	7/23/2025	Total Radium	pCi/L	3.6	NA	NA	No	25G0696-02
POC-02	8/19/2025	Total Radium	pCi/L	3.5	NA	NA	No	25H0524-03
POC-02	9/16/2025	Total Radium	pCi/L	2.7	NA	NA	No	25I0457-02
POC-02	10/15/2025	Total Radium	pCi/L	<0.9	NA	NA	No	25J0484-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-02	11/12/2025	Total Radium	pCi/L	<0.9	NA	NA	No	25K0411-02
POC-02	12/17/2025	Total Radium	pCi/L	1.7	NA	NA	No	25L0522-03
POC-02	1/15/2026	Total Radium	pCi/L	4.4	NA	NA	No	26A0433-01
POC-02	2/12/2026	Total Radium	pCi/L	4.2	NA	NA	No	26B0429-03
POC-02	4/14/2026	Total Radium	pCi/L	5.9	NA	NA	No	26D0430-02
POC-02	7/22/2025	Uranium	mg/L	0.018	0.0005	NA	No	25G0696-02
POC-02	8/19/2025	Uranium	mg/L	0.019	0.0005	NA	No	25H0524-03
POC-02	9/16/2025	Uranium	mg/L	0.016	0.00056	NA	No	25I0457-02
POC-02	10/15/2025	Uranium	mg/L	0.018	0.0005	1.50E-05	No	25J0484-02
POC-02	11/12/2025	Uranium	mg/L	0.025	0.00056	1.60E-05	No	25K0411-02
POC-02	12/17/2025	Uranium	mg/L	0.023	0.0005	1.50E-05	No	25L0522-03
POC-02	1/15/2026	Uranium	mg/L	0.022	0.00056	1.60E-05	No	26A0433-01
POC-02	2/12/2026	Uranium	mg/L	0.02	0.00056	1.60E-05	No	26B0429-03
POC-02	4/14/2026	Uranium	mg/L	0.017	0.00056	1.60E-05	No	26D0430-02
POC-02	7/23/2025	Uranium Total Activity	pCi/L	12.4	NA	NA	No	25G0696-02
POC-02	8/19/2025	Uranium Total Activity	pCi/L	16.4	NA	NA	No	25H0524-03
POC-02	9/16/2025	Uranium Total Activity	pCi/L	14.7	NA	NA	No	25I0457-02
POC-02	10/15/2025	Uranium Total Activity	pCi/L	17.1	NA	NA	No	25J0484-02
POC-02	11/12/2025	Uranium Total Activity	pCi/L	15	NA	NA	No	25K0411-02
POC-02	12/17/2025	Uranium Total Activity	pCi/L	16.4	NA	NA	No	25L0522-03
POC-02	1/15/2026	Uranium Total Activity	pCi/L	12.8	NA	NA	No	26A0433-01
POC-02	2/12/2026	Uranium Total Activity	pCi/L	15.5	NA	NA	No	26B0429-03
POC-02	4/14/2026	Uranium Total Activity	pCi/L	12.7	NA	NA	No	26D0430-02
POC-02	7/23/2025	Uranium Total Content	ug/L	13.4	NA	NA	No	25G0696-02
POC-02	8/19/2025	Uranium Total Content	ug/L	16.2	NA	NA	No	25H0524-03
POC-02	9/16/2025	Uranium Total Content	ug/L	15.6	NA	NA	No	25I0457-02
POC-02	10/15/2025	Uranium Total Content	ug/L	20.5	NA	NA	No	25J0484-02
POC-02	11/12/2025	Uranium Total Content	ug/L	18	NA	NA	No	25K0411-02
POC-02	12/17/2025	Uranium Total Content	ug/L	17.4	NA	NA	No	25L0522-03
POC-02	1/15/2026	Uranium Total Content	ug/L	14.3	NA	NA	No	26A0433-01
POC-02	2/12/2026	Uranium Total Content	ug/L	13.9	NA	NA	No	26B0429-03
POC-02	4/14/2026	Uranium Total Content	ug/L	14.2	NA	NA	No	26D0430-02
POC-02	7/22/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25G0696-02
POC-02	8/19/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25H0524-03
POC-02	9/16/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25I0457-02
POC-02	10/15/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25J0484-02
POC-02	11/12/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25K0411-02
POC-02	12/17/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25L0522-03
POC-02	1/15/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26A0433-01
POC-02	2/12/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26B0429-03
POC-02	4/14/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26D0430-02
POC-02	7/22/2025	Zinc	mg/L	0.023	0.04	NA	No	25G0696-02
POC-02	8/19/2025	Zinc	mg/L	0.0053	0.04	NA	No	25H0524-03
POC-02	9/16/2025	Zinc	mg/L	0.0036	0.04	NA	No	25I0457-02
POC-02	10/15/2025	Zinc	mg/L	0.007	0.04	0.0023	No	25J0484-02
POC-02	11/12/2025	Zinc	mg/L	0.0093	0.04	0.0023	No	25K0411-02
POC-02	12/17/2025	Zinc	mg/L	0.0045	0.04	0.0023	No	25L0522-03
POC-02	1/15/2026	Zinc	mg/L	<0.0023	0.04	0.0023	No	26A0433-01
POC-02	2/12/2026	Zinc	mg/L	<0.011	0.2	0.011	No	26B0429-03
POC-02	4/14/2026	Zinc	mg/L	0.0025	0.04	0.0023	No	26D0430-02
POC-03	7/23/2025	Adjusted Gross Alpha	pCi/L	1.8	NA	NA	No	25G0696-03
POC-03	8/20/2025	Adjusted Gross Alpha	pCi/L	1.2	NA	NA	No	25H0579-01
POC-03	9/16/2025	Adjusted Gross Alpha	pCi/L	2.3	NA	NA	No	25I0457-01
POC-03	10/14/2025	Adjusted Gross Alpha	pCi/L	3.3	NA	NA	No	25J0442-01
POC-03	11/12/2025	Adjusted Gross Alpha	pCi/L	<1	NA	NA	No	25K0411-03
POC-03	12/17/2025	Adjusted Gross Alpha	pCi/L	1.7	NA	NA	No	25L0522-02
POC-03	1/14/2026	Adjusted Gross Alpha	pCi/L	1.4	NA	NA	No	26A0379-02
POC-03	2/12/2026	Adjusted Gross Alpha	pCi/L	2.9	NA	NA	No	26B0429-02
POC-03	4/13/2026	Adjusted Gross Alpha	pCi/L	2.5	NA	NA	No	26D0386-01
POC-03	7/22/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	220	2	NA	No	25G0696-03
POC-03	8/20/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	240	2	NA	No	25H0579-01
POC-03	9/16/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	260	2	NA	No	25I0457-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-03	10/14/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	250	2	2	No	25J0442-01
POC-03	11/12/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	220	2	2	No	25K0411-03
POC-03	12/17/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	250	2	2	No	25L0522-02
POC-03	1/14/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	240	2	2	No	26A0379-02
POC-03	2/12/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	240	2	2	No	26B0429-02
POC-03	4/13/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	2	No	26D0386-01
POC-03	7/22/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-03
POC-03	8/20/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25H0579-01
POC-03	9/16/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25I0457-01
POC-03	10/14/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25J0442-01
POC-03	11/12/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25K0411-03
POC-03	12/17/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25L0522-02
POC-03	1/14/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26A0379-02
POC-03	2/12/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26B0429-02
POC-03	4/13/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26D0386-01
POC-03	7/22/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-03
POC-03	8/20/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25H0579-01
POC-03	9/16/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25I0457-01
POC-03	10/14/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25J0442-01
POC-03	11/12/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25K0411-03
POC-03	12/17/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25L0522-02
POC-03	1/14/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26A0379-02
POC-03	2/12/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26B0429-02
POC-03	4/13/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26D0386-01
POC-03	7/22/2025	Alkalinity, Total (As CaCO3)	mg/L	220	2	NA	No	25G0696-03
POC-03	8/20/2025	Alkalinity, Total (As CaCO3)	mg/L	240	2	NA	No	25H0579-01
POC-03	9/16/2025	Alkalinity, Total (As CaCO3)	mg/L	260	2	NA	No	25I0457-01
POC-03	10/14/2025	Alkalinity, Total (As CaCO3)	mg/L	250	2	2	No	25J0442-01
POC-03	11/12/2025	Alkalinity, Total (As CaCO3)	mg/L	220	2	2	No	25K0411-03
POC-03	12/17/2025	Alkalinity, Total (As CaCO3)	mg/L	250	2	2	No	25L0522-02
POC-03	1/14/2026	Alkalinity, Total (As CaCO3)	mg/L	240	2	2	No	26A0379-02
POC-03	2/12/2026	Alkalinity, Total (As CaCO3)	mg/L	240	2	2	No	26B0429-02
POC-03	4/13/2026	Alkalinity, Total (As CaCO3)	mg/L	230	2	2	No	26D0386-01
POC-03	7/22/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25G0696-03
POC-03	8/20/2025	Aluminum	mg/L	0.015	0.04	NA	No	25H0579-01
POC-03	9/16/2025	Aluminum	mg/L	0.043	0.04	NA	No	25I0457-01
POC-03	10/14/2025	Aluminum	mg/L	<0.066	0.2	0.066	No	25J0442-01
POC-03	11/12/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25K0411-03
POC-03	12/17/2025	Aluminum	mg/L	<0.066	0.2	0.066	No	25L0522-02
POC-03	1/14/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26A0379-02
POC-03	2/12/2026	Aluminum	mg/L	<0.066	0.2	0.066	No	26B0429-02
POC-03	4/13/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26D0386-01
POC-03	7/22/2025	Antimony	mg/L	0.0011	0.0005	NA	No	25G0696-03
POC-03	8/20/2025	Antimony	mg/L	0.00091	0.0005	NA	No	25H0579-01
POC-03	9/16/2025	Antimony	mg/L	0.00083	0.0005	NA	No	25I0457-01
POC-03	10/14/2025	Antimony	mg/L	0.0007	0.0025	0.0002	No	25J0442-01
POC-03	11/12/2025	Antimony	mg/L	0.00069	0.0005	3.90E-05	No	25K0411-03
POC-03	12/17/2025	Antimony	mg/L	0.00057	0.0005	3.90E-05	No	25L0522-02
POC-03	1/14/2026	Antimony	mg/L	0.00052	0.0005	3.90E-05	No	26A0379-02
POC-03	2/12/2026	Antimony	mg/L	0.00054	0.0005	3.90E-05	No	26B0429-02
POC-03	4/13/2026	Antimony	mg/L	0.00038	0.0005	3.90E-05	No	26D0386-01
POC-03	7/22/2025	Arsenic	mg/L	0.0076	0.0005	NA	No	25G0696-03
POC-03	8/20/2025	Arsenic	mg/L	0.0078	0.0005	NA	No	25H0579-01
POC-03	9/16/2025	Arsenic	mg/L	0.0069	0.0005	NA	No	25I0457-01
POC-03	10/14/2025	Arsenic	mg/L	0.0069	0.0025	0.00051	No	25J0442-01
POC-03	11/12/2025	Arsenic	mg/L	0.0071	0.0005	0.0001	No	25K0411-03
POC-03	12/17/2025	Arsenic	mg/L	0.0078	0.0005	0.0001	No	25L0522-02
POC-03	1/14/2026	Arsenic	mg/L	0.0088	0.0005	0.0001	No	26A0379-02
POC-03	2/12/2026	Arsenic	mg/L	0.0076	0.0005	0.0001	No	26B0429-02
POC-03	4/13/2026	Arsenic	mg/L	0.0067	0.0005	0.0001	No	26D0386-01
POC-03	7/22/2025	Barium	mg/L	0.063	0.0005	NA	No	25G0696-03
POC-03	8/20/2025	Barium	mg/L	0.076	0.0005	NA	No	25H0579-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-03	9/16/2025	Barium	mg/L	0.076	0.0005	NA	No	25I0457-01
POC-03	10/14/2025	Barium	mg/L	0.077	0.0025	0.00015	No	25J0442-01
POC-03	11/12/2025	Barium	mg/L	0.082	0.0005	2.90E-05	No	25K0411-03
POC-03	12/17/2025	Barium	mg/L	0.075	0.0005	2.90E-05	No	25L0522-02
POC-03	1/14/2026	Barium	mg/L	0.078	0.0005	2.90E-05	No	26A0379-02
POC-03	2/12/2026	Barium	mg/L	0.073	0.0005	2.90E-05	No	26B0429-02
POC-03	4/13/2026	Barium	mg/L	0.069	0.0005	2.90E-05	No	26D0386-01
POC-03	7/22/2025	Benzene	ug/L	<0.50	0.5	NA	No	25G0696-03
POC-03	8/20/2025	Benzene	ug/L	<0.50	0.5	NA	No	25H0579-01
POC-03	9/16/2025	Benzene	ug/L	<0.50	0.5	NA	No	25I0457-01
POC-03	10/14/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25J0442-01
POC-03	11/12/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25K0411-03
POC-03	12/17/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25L0522-02
POC-03	1/14/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26A0379-02
POC-03	2/12/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26B0429-02
POC-03	4/13/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26D0386-01
POC-03	7/22/2025	Beryllium	mg/L	0.000026	0.00025	NA	No	25G0696-03
POC-03	8/20/2025	Beryllium	mg/L	<0.00025	0.00025	NA	No	25H0579-01
POC-03	9/16/2025	Beryllium	mg/L	0.000053	0.00025	NA	No	25I0457-01
POC-03	10/14/2025	Beryllium	mg/L	<0.000066	0.0013	6.60E-05	No	25J0442-01
POC-03	11/12/2025	Beryllium	mg/L	0.000034	0.00025	1.30E-05	No	25K0411-03
POC-03	12/17/2025	Beryllium	mg/L	<0.000066	0.0013	6.60E-05	No	25L0522-02
POC-03	1/14/2026	Beryllium	mg/L	0.000017	0.00025	1.30E-05	No	26A0379-02
POC-03	2/12/2026	Beryllium	mg/L	<0.000066	0.0013	6.60E-05	No	26B0429-02
POC-03	4/13/2026	Beryllium	mg/L	0.000025	0.00025	1.30E-05	No	26D0386-01
POC-03	7/22/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25G0696-03
POC-03	8/20/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25H0579-01
POC-03	9/16/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25I0457-01
POC-03	10/14/2025	Cadmium	mg/L	<0.00025	0.0013	0.00025	No	25J0442-01
POC-03	11/12/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25K0411-03
POC-03	12/17/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25L0522-02
POC-03	1/14/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26A0379-02
POC-03	2/12/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26B0429-02
POC-03	4/13/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26D0386-01
POC-03	7/22/2025	Calcium	mg/L	110	4	NA	No	25G0696-03
POC-03	8/20/2025	Calcium	mg/L	110	4	NA	No	25H0579-01
POC-03	9/16/2025	Calcium	mg/L	110	4	NA	No	25I0457-01
POC-03	10/14/2025	Calcium	mg/L	100	4	0.13	No	25J0442-01
POC-03	11/12/2025	Calcium	mg/L	110	4	0.13	No	25K0411-03
POC-03	12/17/2025	Calcium	mg/L	160	4	0.13	No	25L0522-02
POC-03	1/14/2026	Calcium	mg/L	110	4	0.13	No	26A0379-02
POC-03	2/12/2026	Calcium	mg/L	97	4	0.13	No	26B0429-02
POC-03	4/13/2026	Calcium	mg/L	110	4.4	0.14	No	26D0386-01
POC-03	7/22/2025	Carbon disulfide	ug/L	0.26	2	NA	No	25G0696-03
POC-03	8/20/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25H0579-01
POC-03	9/16/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25I0457-01
POC-03	10/14/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25J0442-01
POC-03	11/12/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25K0411-03
POC-03	12/17/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25L0522-02
POC-03	1/14/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26A0379-02
POC-03	2/12/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26B0429-02
POC-03	4/13/2026	Carbon disulfide	ug/L	0.41	2	0.11	No	26D0386-01
POC-03	7/22/2025	Chloride	mg/L	26	5	NA	No	25G0696-03
POC-03	8/20/2025	Chloride	mg/L	30	5	NA	No	25H0579-01
POC-03	9/16/2025	Chloride	mg/L	26	5	NA	No	25I0457-01
POC-03	10/14/2025	Chloride	mg/L	26	5	3.8	No	25J0442-01
POC-03	11/12/2025	Chloride	mg/L	27	2	1.5	No	25K0411-03
POC-03	12/17/2025	Chloride	mg/L	27	2	1.5	No	25L0522-02
POC-03	1/14/2026	Chloride	mg/L	29	2	1.5	No	26A0379-02
POC-03	2/12/2026	Chloride	mg/L	28	5	3.8	No	26B0429-02
POC-03	4/13/2026	Chloride	mg/L	27	2	1.5	No	26D0386-01
POC-03	7/22/2025	Chromium	mg/L	0.0011	0.0005	NA	No	25G0696-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-03	8/20/2025	Chromium	mg/L	0.00096	0.0005	NA	No	25H0579-01
POC-03	9/16/2025	Chromium	mg/L	0.0012	0.0005	NA	No	25I0457-01
POC-03	10/14/2025	Chromium	mg/L	0.00021	0.0025	0.00012	No	25J0442-01
POC-03	11/12/2025	Chromium	mg/L	0.00027	0.0005	2.30E-05	No	25K0411-03
POC-03	12/17/2025	Chromium	mg/L	<0.000023	0.0005	2.30E-05	No	25L0522-02
POC-03	1/14/2026	Chromium	mg/L	0.00054	0.0005	2.30E-05	No	26A0379-02
POC-03	2/12/2026	Chromium	mg/L	<0.00012	0.0025	0.00012	No	26B0429-02
POC-03	4/13/2026	Chromium	mg/L	0.0002	0.0005	2.30E-05	No	26D0386-01
POC-03	7/22/2025	Cobalt	mg/L	0.0013	0.00025	NA	No	25G0696-03
POC-03	8/20/2025	Cobalt	mg/L	0.00025	0.00025	NA	No	25H0579-01
POC-03	9/16/2025	Cobalt	mg/L	0.00035	0.00025	NA	No	25I0457-01
POC-03	10/14/2025	Cobalt	mg/L	0.00016	0.0013	5.20E-05	No	25J0442-01
POC-03	11/12/2025	Cobalt	mg/L	0.00019	0.00025	1.00E-05	No	25K0411-03
POC-03	12/17/2025	Cobalt	mg/L	0.00012	0.00025	1.00E-05	No	25L0522-02
POC-03	1/14/2026	Cobalt	mg/L	0.000097	0.00025	1.00E-05	No	26A0379-02
POC-03	2/12/2026	Cobalt	mg/L	0.0001	0.0013	5.20E-05	No	26B0429-02
POC-03	4/13/2026	Cobalt	mg/L	0.0001	0.00025	1.00E-05	No	26D0386-01
POC-03	10/14/2025	Conductivity	Âµmhos/cm	930	0.1	NA	No	25J0442-01
POC-03	7/22/2025	Conductivity	mhos/cm	603.1	NA	NA	No	NA
POC-03	8/20/2025	Conductivity	mhos/cm	919.5	NA	NA	No	NA
POC-03	9/16/2025	Conductivity	mhos/cm	900.1	NA	NA	No	NA
POC-03	10/14/2025	Conductivity	mhos/cm	904.5	NA	NA	No	NA
POC-03	11/12/2025	Conductivity	mhos/cm	900.5	NA	NA	No	NA
POC-03	12/17/2025	Conductivity	mhos/cm	883.8	NA	NA	No	NA
POC-03	1/14/2026	Conductivity	mhos/cm	886.8	NA	NA	No	NA
POC-03	2/12/2026	Conductivity	mhos/cm	863.8	NA	NA	No	NA
POC-03	4/13/2026	Conductivity	mhos/cm	808.7	NA	NA	No	NA
POC-03	7/22/2025	Copper	mg/L	0.00096	0.0005	NA	No	25G0696-03
POC-03	8/20/2025	Copper	mg/L	0.0013	0.0005	NA	No	25H0579-01
POC-03	9/16/2025	Copper	mg/L	0.002	0.0005	NA	No	25I0457-01
POC-03	10/14/2025	Copper	mg/L	0.0014	0.0025	0.00077	No	25J0442-01
POC-03	11/12/2025	Copper	mg/L	0.0017	0.0005	0.00015	No	25K0411-03
POC-03	12/17/2025	Copper	mg/L	0.0018	0.0005	0.00015	No	25L0522-02
POC-03	1/14/2026	Copper	mg/L	0.0015	0.0005	0.00015	No	26A0379-02
POC-03	2/12/2026	Copper	mg/L	<0.00077	0.0025	0.00077	No	26B0429-02
POC-03	4/13/2026	Copper	mg/L	0.001	0.0005	0.00015	No	26D0386-01
POC-03	7/22/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25G0696-03
POC-03	8/20/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25H0579-01
POC-03	9/16/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25I0457-01
POC-03	10/14/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25J0442-01
POC-03	11/12/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25K0411-03
POC-03	12/17/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25L0522-02
POC-03	1/14/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26A0379-02
POC-03	2/12/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26B0429-02
POC-03	4/13/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26D0386-01
POC-03	7/22/2025	DTW	ft	111.4	NA	NA	No	NA
POC-03	8/20/2025	DTW	ft	111.4	NA	NA	No	NA
POC-03	9/16/2025	DTW	ft	111.4	NA	NA	No	NA
POC-03	10/14/2025	DTW	ft	111.4	NA	NA	No	NA
POC-03	11/12/2025	DTW	ft	154.7	NA	NA	No	NA
POC-03	12/17/2025	DTW	ft	111.4	NA	NA	No	NA
POC-03	1/14/2026	DTW	ft	111.4	NA	NA	No	NA
POC-03	2/12/2026	DTW	ft	111.4	NA	NA	No	NA
POC-03	4/13/2026	DTW	ft	111.4	NA	NA	No	NA
POC-03	7/22/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25G0696-03
POC-03	8/20/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25H0579-01
POC-03	9/16/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25I0457-01
POC-03	10/14/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25J0442-01
POC-03	11/12/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25K0411-03
POC-03	12/17/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25L0522-02
POC-03	1/14/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26A0379-02
POC-03	2/12/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26B0429-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-03	4/13/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26D0386-01
POC-03	7/22/2025	Fluoride	mg/L	1.4	0.5	NA	No	25G0696-03
POC-03	8/20/2025	Fluoride	mg/L	1.4	0.5	NA	No	25H0579-01
POC-03	9/16/2025	Fluoride	mg/L	1.6	0.5	NA	No	25I0457-01
POC-03	10/14/2025	Fluoride	mg/L	1.4	0.5	0.18	No	25J0442-01
POC-03	11/12/2025	Fluoride	mg/L	1.3	0.5	0.18	No	25K0411-03
POC-03	12/17/2025	Fluoride	mg/L	1.5	0.5	0.18	No	25L0522-02
POC-03	1/14/2026	Fluoride	mg/L	1.3	0.5	0.18	No	26A0379-02
POC-03	2/12/2026	Fluoride	mg/L	1.4	0.5	0.18	No	26B0429-02
POC-03	4/13/2026	Fluoride	mg/L	1.4	0.5	0.18	No	26D0386-01
POC-03	7/23/2025	Gross Alpha Activity	pCi/L	11.6	NA	NA	No	25G0696-03
POC-03	8/20/2025	Gross Alpha Activity	pCi/L	10.9	NA	NA	No	25H0579-01
POC-03	9/16/2025	Gross Alpha Activity	pCi/L	12.7	NA	NA	No	25I0457-01
POC-03	10/14/2025	Gross Alpha Activity	pCi/L	11.4	NA	NA	No	25J0442-01
POC-03	11/12/2025	Gross Alpha Activity	pCi/L	9.9	NA	NA	No	25K0411-03
POC-03	12/17/2025	Gross Alpha Activity	pCi/L	10	NA	NA	No	25L0522-02
POC-03	1/14/2026	Gross Alpha Activity	pCi/L	8.6	NA	NA	No	26A0379-02
POC-03	2/12/2026	Gross Alpha Activity	pCi/L	8.4	NA	NA	No	26B0429-02
POC-03	4/13/2026	Gross Alpha Activity	pCi/L	9.1	NA	NA	No	26D0386-01
POC-03	7/22/2025	Iron	mg/L	0.041	0.3	NA	No	25G0696-03
POC-03	8/20/2025	Iron	mg/L	0.039	0.3	NA	No	25H0579-01
POC-03	9/16/2025	Iron	mg/L	<0.30	0.3	NA	No	25I0457-01
POC-03	10/14/2025	Iron	mg/L	<0.022	0.33	0.022	No	25J0442-01
POC-03	11/12/2025	Iron	mg/L	<0.020	0.3	0.02	No	25K0411-03
POC-03	12/17/2025	Iron	mg/L	<0.022	0.33	0.022	No	25L0522-02
POC-03	1/14/2026	Iron	mg/L	<0.022	0.33	0.022	No	26A0379-02
POC-03	2/12/2026	Iron	mg/L	0.023	0.3	0.02	No	26B0429-02
POC-03	4/13/2026	Iron	mg/L	0.18	0.33	0.022	No	26D0386-01
POC-03	7/22/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25G0696-03
POC-03	8/20/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25H0579-01
POC-03	9/16/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25I0457-01
POC-03	10/14/2025	Lead	mg/L	<0.00029	0.0025	0.00029	No	25J0442-01
POC-03	11/12/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25K0411-03
POC-03	12/17/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25L0522-02
POC-03	1/14/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26A0379-02
POC-03	2/12/2026	Lead	mg/L	0.00053	0.0005	5.70E-05	No	26B0429-02
POC-03	4/13/2026	Lead	mg/L	0.000065	0.0005	5.70E-05	No	26D0386-01
POC-03	7/22/2025	Magnesium	mg/L	30	3	NA	No	25G0696-03
POC-03	8/20/2025	Magnesium	mg/L	16	3	NA	No	25H0579-01
POC-03	9/16/2025	Magnesium	mg/L	33	3	NA	No	25I0457-01
POC-03	10/14/2025	Magnesium	mg/L	30	3	0.1	No	25J0442-01
POC-03	11/12/2025	Magnesium	mg/L	34	3	0.1	No	25K0411-03
POC-03	12/17/2025	Magnesium	mg/L	71	3	0.1	No	25L0522-02
POC-03	1/14/2026	Magnesium	mg/L	33	3	0.1	No	26A0379-02
POC-03	2/12/2026	Magnesium	mg/L	29	3	0.1	No	26B0429-02
POC-03	4/13/2026	Magnesium	mg/L	33	3.3	0.12	No	26D0386-01
POC-03	7/22/2025	Manganese	mg/L	0.087	0.00025	NA	No	25G0696-03
POC-03	8/20/2025	Manganese	mg/L	0.049	0.00025	NA	No	25H0579-01
POC-03	9/16/2025	Manganese	mg/L	0.026	0.00025	NA	No	25I0457-01
POC-03	10/14/2025	Manganese	mg/L	0.011	0.0013	0.00019	No	25J0442-01
POC-03	11/12/2025	Manganese	mg/L	0.012	0.00025	3.80E-05	No	25K0411-03
POC-03	12/17/2025	Manganese	mg/L	0.011	0.00025	3.80E-05	No	25L0522-02
POC-03	1/14/2026	Manganese	mg/L	0.004	0.00025	3.80E-05	No	26A0379-02
POC-03	2/12/2026	Manganese	mg/L	0.003	0.0013	0.00019	No	26B0429-02
POC-03	4/13/2026	Manganese	mg/L	0.0019	0.00025	3.80E-05	No	26D0386-01
POC-03	7/22/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25G0696-03
POC-03	8/20/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25H0579-01
POC-03	9/16/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25I0457-01
POC-03	10/14/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25J0442-01
POC-03	11/12/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25K0411-03
POC-03	12/17/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25L0522-02
POC-03	1/14/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26A0379-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-03	2/12/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26B0429-02
POC-03	4/13/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26D0386-01
POC-03	7/22/2025	Molybdenum	mg/L	0.22	0.00025	NA	No	25G0696-03
POC-03	8/20/2025	Molybdenum	mg/L	0.22	0.00025	NA	No	25H0579-01
POC-03	9/16/2025	Molybdenum	mg/L	0.18	0.00025	NA	No	25I0457-01
POC-03	10/14/2025	Molybdenum	mg/L	0.18	0.0013	0.00012	No	25J0442-01
POC-03	11/12/2025	Molybdenum	mg/L	0.18	0.00025	2.50E-05	No	25K0411-03
POC-03	12/17/2025	Molybdenum	mg/L	0.16	0.00025	2.50E-05	No	25L0522-02
POC-03	1/14/2026	Molybdenum	mg/L	0.17	0.00025	2.50E-05	No	26A0379-02
POC-03	2/12/2026	Molybdenum	mg/L	0.16	0.00025	2.50E-05	No	26B0429-02
POC-03	4/13/2026	Molybdenum	mg/L	0.14	0.00025	2.50E-05	No	26D0386-01
POC-03	7/22/2025	Nickel	mg/L	0.0029	0.0005	NA	No	25G0696-03
POC-03	8/20/2025	Nickel	mg/L	0.0024	0.0005	NA	No	25H0579-01
POC-03	9/16/2025	Nickel	mg/L	0.0031	0.0005	NA	No	25I0457-01
POC-03	10/14/2025	Nickel	mg/L	0.00059	0.0025	7.60E-05	No	25J0442-01
POC-03	11/12/2025	Nickel	mg/L	0.002	0.0005	1.50E-05	No	25K0411-03
POC-03	12/17/2025	Nickel	mg/L	0.0015	0.0005	1.50E-05	No	25L0522-02
POC-03	1/14/2026	Nickel	mg/L	0.0014	0.0005	1.50E-05	No	26A0379-02
POC-03	2/12/2026	Nickel	mg/L	0.0015	0.0025	7.60E-05	No	26B0429-02
POC-03	4/13/2026	Nickel	mg/L	0.0012	0.0005	1.50E-05	No	26D0386-01
POC-03	7/22/2025	Nitrate and Nitrite Sum	NA	1.6	0.6	NA	No	25G0696-03
POC-03	8/20/2025	Nitrate and Nitrite Sum	NA	1.5	0.6	NA	No	25H0579-01
POC-03	9/16/2025	Nitrate and Nitrite Sum	NA	1.1	0.6	NA	No	25I0457-01
POC-03	10/14/2025	Nitrate and Nitrite Sum	NA	0.75	0.6	0.28	No	25J0442-01
POC-03	11/12/2025	Nitrate and Nitrite Sum	NA	0.52	0.6	0.28	No	25K0411-03
POC-03	12/17/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25L0522-02
POC-03	1/14/2026	Nitrate and Nitrite Sum	NA	1.7	0.6	0.28	No	26A0379-02
POC-03	2/12/2026	Nitrate and Nitrite Sum	NA	0.32	0.6	0.28	No	26B0429-02
POC-03	4/13/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26D0386-01
POC-03	7/22/2025	Nitrogen, Nitrate (As N)	mg/L	1.5	0.5	NA	No	25G0696-03
POC-03	8/20/2025	Nitrogen, Nitrate (As N)	mg/L	1.5	0.5	NA	No	25H0579-01
POC-03	9/16/2025	Nitrogen, Nitrate (As N)	mg/L	1.1	0.5	NA	No	25I0457-01
POC-03	10/14/2025	Nitrogen, Nitrate (As N)	mg/L	0.75	0.5	0.27	No	25J0442-01
POC-03	11/20/2025	Nitrogen, Nitrate (As N)	mg/L	0.61	0.5	0.27	No	25K0624-03
POC-03	12/17/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25L0522-02
POC-03	1/14/2026	Nitrogen, Nitrate (As N)	mg/L	1.7	0.5	0.27	No	26A0379-02
POC-03	2/12/2026	Nitrogen, Nitrate (As N)	mg/L	0.32	0.5	0.27	No	26B0429-02
POC-03	4/13/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26D0386-01
POC-03	7/22/2025	Nitrogen, Nitrite (As N)	mg/L	0.066	0.1	NA	No	25G0696-03
POC-03	8/20/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25H0579-01
POC-03	9/16/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25I0457-01
POC-03	10/14/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25J0442-01
POC-03	11/20/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25K0624-03
POC-03	12/17/2025	Nitrogen, Nitrite (As N)	mg/L	0.073	0.1	0.014	No	25L0522-02
POC-03	1/14/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26A0379-02
POC-03	2/12/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26B0429-02
POC-03	4/13/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26D0386-01
POC-03	7/22/2025	Nitrogen, Total	NA	1.6	1.1	NA	No	25G0696-03
POC-03	8/20/2025	Nitrogen, Total	NA	1.5	1.1	NA	No	25H0579-01
POC-03	9/16/2025	Nitrogen, Total	NA	1.1	1.1	NA	No	25I0457-01
POC-03	10/14/2025	Nitrogen, Total	NA	1.2	1.1	0.58	No	25J0442-01
POC-03	11/12/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25K0411-03
POC-03	12/17/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25L0522-02
POC-03	1/14/2026	Nitrogen, Total	NA	1.7	1.1	0.58	No	26A0379-02
POC-03	2/12/2026	Nitrogen, Total	NA	0.89	1.1	0.58	No	26B0429-02
POC-03	4/13/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26D0386-01
POC-03	7/22/2025	pH	s.u.	7.52	NA	NA	No	NA
POC-03	8/20/2025	pH	s.u.	7.34	NA	NA	No	NA
POC-03	9/16/2025	pH	s.u.	6.89	NA	NA	No	NA
POC-03	10/14/2025	pH	s.u.	7.4	NA	NA	No	NA
POC-03	11/12/2025	pH	s.u.	7.5	NA	NA	No	NA
POC-03	12/17/2025	pH	s.u.	7.29	NA	NA	No	NA

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-03	1/14/2026	pH	s.u.	7.37	NA	NA	No	NA
POC-03	2/12/2026	pH	s.u.	7.08	NA	NA	No	NA
POC-03	4/13/2026	pH	s.u.	7.74	NA	NA	No	NA
POC-03	8/20/2025	pH (pH Units)	-	7.5	NA	NA	No	25H0579-01
POC-03	9/16/2025	pH (pH Units)	-	7.4	NA	NA	No	25I0457-01
POC-03	10/14/2025	pH (pH Units)	-	7.2	NA	NA	No	25J0442-01
POC-03	11/12/2025	pH (pH Units)	-	6.9	NA	NA	No	25K0411-03
POC-03	12/17/2025	pH (pH Units)	-	7.4	NA	NA	No	25L0522-02
POC-03	1/14/2026	pH (pH Units)	-	7.3	NA	NA	No	26A0379-02
POC-03	2/12/2026	pH (pH Units)	-	7.3	NA	NA	No	26B0429-02
POC-03	4/13/2026	pH (pH Units)	-	7.2	NA	NA	No	26D0386-01
POC-03	7/22/2025	Potassium	mg/L	4.5	5	NA	No	25G0696-03
POC-03	8/20/2025	Potassium	mg/L	5	5	NA	No	25H0579-01
POC-03	9/16/2025	Potassium	mg/L	5.4	5	NA	No	25I0457-01
POC-03	10/14/2025	Potassium	mg/L	5.4	5	0.14	No	25J0442-01
POC-03	11/12/2025	Potassium	mg/L	5.4	5	0.14	No	25K0411-03
POC-03	12/17/2025	Potassium	mg/L	5.6	5	0.14	No	25L0522-02
POC-03	1/14/2026	Potassium	mg/L	5.4	5	0.14	No	26A0379-02
POC-03	2/12/2026	Potassium	mg/L	5.1	5	0.14	No	26B0429-02
POC-03	4/13/2026	Potassium	mg/L	5.3	5.6	0.16	No	26D0386-01
POC-03	7/22/2025	Selenium	mg/L	0.0046	0.0025	NA	No	25G0696-03
POC-03	8/20/2025	Selenium	mg/L	0.0045	0.0025	NA	No	25H0579-01
POC-03	9/16/2025	Selenium	mg/L	0.0037	0.0025	NA	No	25I0457-01
POC-03	10/14/2025	Selenium	mg/L	0.0026	0.013	0.0012	No	25J0442-01
POC-03	11/12/2025	Selenium	mg/L	0.0025	0.0025	0.00025	No	25K0411-03
POC-03	12/17/2025	Selenium	mg/L	0.002	0.0025	0.00025	No	25L0522-02
POC-03	1/14/2026	Selenium	mg/L	0.0021	0.0025	0.00025	No	26A0379-02
POC-03	2/12/2026	Selenium	mg/L	0.002	0.0025	0.00025	No	26B0429-02
POC-03	4/13/2026	Selenium	mg/L	0.0021	0.0025	0.00025	No	26D0386-01
POC-03	7/22/2025	Sodium	mg/L	33	5	NA	No	25G0696-03
POC-03	8/20/2025	Sodium	mg/L	50	5	NA	No	25H0579-01
POC-03	9/16/2025	Sodium	mg/L	36	5	NA	No	25I0457-01
POC-03	10/14/2025	Sodium	mg/L	36	5	0.58	No	25J0442-01
POC-03	11/12/2025	Sodium	mg/L	37	5	0.58	No	25K0411-03
POC-03	12/17/2025	Sodium	mg/L	74	5	0.58	No	25L0522-02
POC-03	1/14/2026	Sodium	mg/L	38	5	0.58	No	26A0379-02
POC-03	2/12/2026	Sodium	mg/L	36	5	0.58	No	26B0429-02
POC-03	4/13/2026	Sodium	mg/L	38	5.6	0.65	No	26D0386-01
POC-03	7/22/2025	Sulfate	mg/L	200	25	NA	No	25G0696-03
POC-03	8/20/2025	Sulfate	mg/L	210	25	NA	No	25H0579-01
POC-03	9/16/2025	Sulfate	mg/L	220	25	NA	No	25I0457-01
POC-03	10/14/2025	Sulfate	mg/L	200	25	14	No	25J0442-01
POC-03	11/12/2025	Sulfate	mg/L	230	25	14	No	25K0411-03
POC-03	12/17/2025	Sulfate	mg/L	200	10	5.6	No	25L0522-02
POC-03	1/14/2026	Sulfate	mg/L	230	25	14	No	26A0379-02
POC-03	2/12/2026	Sulfate	mg/L	200	25	14	No	26B0429-02
POC-03	4/13/2026	Sulfate	mg/L	190	10	5.6	No	26D0386-01
POC-03	7/22/2025	Field Temperature	°C	25.1	NA	NA	No	NA
POC-03	8/20/2025	Field Temperature	°C	30.9	NA	NA	No	NA
POC-03	9/16/2025	Field Temperature	°C	23.7	NA	NA	No	NA
POC-03	10/14/2025	Field Temperature	°C	24.7	NA	NA	No	NA
POC-03	11/12/2025	Field Temperature	°C	23.2	NA	NA	No	NA
POC-03	12/17/2025	Field Temperature	°C	22	NA	NA	No	NA
POC-03	1/14/2026	Field Temperature	°C	20.7	NA	NA	No	NA
POC-03	2/12/2026	Field Temperature	°C	22.9	NA	NA	No	NA
POC-03	4/13/2026	Field Temperature	°C	22.6	NA	NA	No	NA
POC-03	7/22/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25G0696-03
POC-03	8/20/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25H0579-01
POC-03	9/16/2025	Thallium	mg/L	0.000025	0.0005	NA	No	25I0457-01
POC-03	10/14/2025	Thallium	mg/L	<0.00012	0.0025	0.00012	No	25J0442-01
POC-03	11/12/2025	Thallium	mg/L	0.000061	0.0005	2.30E-05	No	25K0411-03
POC-03	12/17/2025	Thallium	mg/L	0.000063	0.0005	2.30E-05	No	25L0522-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-03	1/14/2026	Thallium	mg/L	0.000024	0.0005	2.30E-05	No	26A0379-02
POC-03	2/12/2026	Thallium	mg/L	0.000076	0.0005	2.30E-05	No	26B0429-02
POC-03	4/13/2026	Thallium	mg/L	0.000042	0.0005	2.30E-05	No	26D0386-01
POC-03	7/22/2025	Toluene	ug/L	<0.50	0.5	NA	No	25G0696-03
POC-03	8/20/2025	Toluene	ug/L	<0.50	0.5	NA	No	25H0579-01
POC-03	9/16/2025	Toluene	ug/L	<0.50	0.5	NA	No	25I0457-01
POC-03	10/14/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25J0442-01
POC-03	11/12/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25K0411-03
POC-03	12/17/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25L0522-02
POC-03	1/14/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26A0379-02
POC-03	2/12/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26B0429-02
POC-03	4/13/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26D0386-01
POC-03	7/22/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	660	20	NA	No	25G0696-03
POC-03	8/20/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	650	20	NA	No	25H0579-01
POC-03	9/16/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	660	20	NA	No	25I0457-01
POC-03	10/14/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	640	20	20	No	25J0442-01
POC-03	11/12/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	660	20	20	No	25K0411-03
POC-03	12/17/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	650	20	20	No	25L0522-02
POC-03	1/14/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	620	20	20	No	26A0379-02
POC-03	2/12/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	620	20	20	No	26B0429-02
POC-03	4/13/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	610	20	20	No	26D0386-01
POC-03	7/23/2025	Total Radium	pCi/L	0.6	NA	NA	No	25G0696-03
POC-03	8/20/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25H0579-01
POC-03	9/16/2025	Total Radium	pCi/L	4.1	NA	NA	YES	25I0457-01
POC-03	10/14/2025	Total Radium	pCi/L	1.6	NA	NA	No	25J0442-01
POC-03	11/12/2025	Total Radium	pCi/L	0.6	NA	NA	No	25K0411-03
POC-03	12/17/2025	Total Radium	pCi/L	2.2	NA	NA	No	25L0522-02
POC-03	1/14/2026	Total Radium	pCi/L	<0.8	NA	NA	No	26A0379-02
POC-03	2/12/2026	Total Radium	pCi/L	<0.7	NA	NA	No	26B0429-02
POC-03	4/13/2026	Total Radium	pCi/L	0.9	NA	NA	No	26D0386-01
POC-03	7/22/2025	Uranium	mg/L	0.011	0.0005	NA	No	25G0696-03
POC-03	8/20/2025	Uranium	mg/L	0.0099	0.001	NA	No	25H0579-01
POC-03	9/16/2025	Uranium	mg/L	0.0098	0.00056	NA	No	25I0457-01
POC-03	10/14/2025	Uranium	mg/L	0.0095	0.0005	1.50E-05	No	25J0442-01
POC-03	11/12/2025	Uranium	mg/L	0.0099	0.00056	1.60E-05	No	25K0411-03
POC-03	12/17/2025	Uranium	mg/L	0.0086	0.0005	1.50E-05	No	25L0522-02
POC-03	1/14/2026	Uranium	mg/L	0.0094	0.00056	1.60E-05	No	26A0379-02
POC-03	2/12/2026	Uranium	mg/L	0.0087	0.00056	1.60E-05	No	26B0429-02
POC-03	4/13/2026	Uranium	mg/L	0.0066	0.0005	1.50E-05	YES	26D0386-01
POC-03	7/23/2025	Uranium Total Activity	pCi/L	9.8	NA	NA	No	25G0696-03
POC-03	8/20/2025	Uranium Total Activity	pCi/L	9.7	NA	NA	No	25H0579-01
POC-03	9/16/2025	Uranium Total Activity	pCi/L	10.4	NA	NA	No	25I0457-01
POC-03	10/14/2025	Uranium Total Activity	pCi/L	8.1	NA	NA	No	25J0442-01
POC-03	11/12/2025	Uranium Total Activity	pCi/L	10.4	NA	NA	No	25K0411-03
POC-03	12/17/2025	Uranium Total Activity	pCi/L	8.3	NA	NA	No	25L0522-02
POC-03	1/14/2026	Uranium Total Activity	pCi/L	7.2	NA	NA	No	26A0379-02
POC-03	2/12/2026	Uranium Total Activity	pCi/L	5.5	NA	NA	No	26B0429-02
POC-03	4/13/2026	Uranium Total Activity	pCi/L	6.6	NA	NA	No	26D0386-01
POC-03	7/23/2025	Uranium Total Content	ug/L	8	NA	NA	No	25G0696-03
POC-03	8/20/2025	Uranium Total Content	ug/L	8.6	NA	NA	No	25H0579-01
POC-03	9/16/2025	Uranium Total Content	ug/L	11.1	NA	NA	No	25I0457-01
POC-03	10/14/2025	Uranium Total Content	ug/L	10.9	NA	NA	No	25J0442-01
POC-03	11/12/2025	Uranium Total Content	ug/L	10.1	NA	NA	No	25K0411-03
POC-03	12/17/2025	Uranium Total Content	ug/L	7.5	NA	NA	No	25L0522-02
POC-03	1/14/2026	Uranium Total Content	ug/L	7	NA	NA	No	26A0379-02
POC-03	2/12/2026	Uranium Total Content	ug/L	5.2	NA	NA	No	26B0429-02
POC-03	4/13/2026	Uranium Total Content	ug/L	7	NA	NA	No	26D0386-01
POC-03	7/22/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25G0696-03
POC-03	8/20/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25H0579-01
POC-03	9/16/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25I0457-01
POC-03	10/14/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25J0442-01
POC-03	11/12/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25K0411-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-03	12/17/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25L0522-02
POC-03	1/14/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26A0379-02
POC-03	2/12/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26B0429-02
POC-03	4/13/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26D0386-01
POC-03	7/22/2025	Zinc	mg/L	0.034	0.04	NA	No	25G0696-03
POC-03	8/20/2025	Zinc	mg/L	0.032	0.04	NA	No	25H0579-01
POC-03	9/16/2025	Zinc	mg/L	0.026	0.04	NA	No	25I0457-01
POC-03	10/14/2025	Zinc	mg/L	0.019	0.2	0.011	No	25J0442-01
POC-03	11/12/2025	Zinc	mg/L	0.021	0.04	0.0023	No	25K0411-03
POC-03	12/17/2025	Zinc	mg/L	0.018	0.04	0.0023	No	25L0522-02
POC-03	1/14/2026	Zinc	mg/L	0.015	0.04	0.0023	No	26A0379-02
POC-03	2/12/2026	Zinc	mg/L	0.014	0.2	0.011	No	26B0429-02
POC-03	4/13/2026	Zinc	mg/L	0.013	0.04	0.0023	No	26D0386-01
POC-04	7/28/2025	Adjusted Gross Alpha	pCi/L	4.3	NA	NA	No	25G0784-01
POC-04	8/20/2025	Adjusted Gross Alpha	pCi/L	<1	NA	NA	No	25H0579-02
POC-04	9/17/2025	Adjusted Gross Alpha	pCi/L	2.3	NA	NA	No	25I0480-01
POC-04	10/15/2025	Adjusted Gross Alpha	pCi/L	4.3	NA	NA	No	25J0484-03
POC-04	11/12/2025	Adjusted Gross Alpha	pCi/L	0.3	NA	NA	No	25K0411-04
POC-04	12/17/2025	Adjusted Gross Alpha	pCi/L	1.1	NA	NA	No	25L0522-01
POC-04	1/14/2026	Adjusted Gross Alpha	pCi/L	<1	NA	NA	No	26A0379-01
POC-04	2/12/2026	Adjusted Gross Alpha	pCi/L	0.1	NA	NA	No	26B0429-01
POC-04	4/13/2026	Adjusted Gross Alpha	pCi/L	1.9	NA	NA	No	26D0386-02
POC-04	7/28/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	250	2	NA	No	25G0784-01
POC-04	8/20/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	240	2	NA	No	25H0579-02
POC-04	9/17/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	280	2	NA	No	25I0480-01
POC-04	10/15/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	2	No	25J0484-03
POC-04	11/12/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	240	2	2	No	25K0411-04
POC-04	12/17/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	2	No	25L0522-01
POC-04	1/14/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	2	No	26A0379-01
POC-04	2/12/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	2	No	26B0429-01
POC-04	4/13/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	2	No	26D0386-02
POC-04	7/28/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25G0784-01
POC-04	8/20/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25H0579-02
POC-04	9/17/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25I0480-01
POC-04	10/15/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25J0484-03
POC-04	11/12/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25K0411-04
POC-04	12/17/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25L0522-01
POC-04	1/14/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26A0379-01
POC-04	2/12/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26B0429-01
POC-04	4/13/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26D0386-02
POC-04	7/28/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25G0784-01
POC-04	8/20/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25H0579-02
POC-04	9/17/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25I0480-01
POC-04	10/15/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25J0484-03
POC-04	11/12/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25K0411-04
POC-04	12/17/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25L0522-01
POC-04	1/14/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26A0379-01
POC-04	2/12/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26B0429-01
POC-04	4/13/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26D0386-02
POC-04	7/28/2025	Alkalinity, Total (As CaCO3)	mg/L	250	2	NA	No	25G0784-01
POC-04	8/20/2025	Alkalinity, Total (As CaCO3)	mg/L	240	2	NA	No	25H0579-02
POC-04	9/17/2025	Alkalinity, Total (As CaCO3)	mg/L	280	2	NA	No	25I0480-01
POC-04	10/15/2025	Alkalinity, Total (As CaCO3)	mg/L	230	2	2	No	25J0484-03
POC-04	11/12/2025	Alkalinity, Total (As CaCO3)	mg/L	240	2	2	No	25K0411-04
POC-04	12/17/2025	Alkalinity, Total (As CaCO3)	mg/L	230	2	2	No	25L0522-01
POC-04	1/14/2026	Alkalinity, Total (As CaCO3)	mg/L	230	2	2	No	26A0379-01
POC-04	2/12/2026	Alkalinity, Total (As CaCO3)	mg/L	230	2	2	No	26B0429-01
POC-04	4/13/2026	Alkalinity, Total (As CaCO3)	mg/L	230	2	2	No	26D0386-02
POC-04	7/28/2025	Aluminum	mg/L	0.059	0.04	NA	No	25G0784-01
POC-04	8/20/2025	Aluminum	mg/L	0.028	0.04	NA	No	25H0579-02
POC-04	9/17/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25I0480-01
POC-04	10/15/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25J0484-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-04	11/12/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25K0411-04
POC-04	12/17/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25L0522-01
POC-04	1/14/2026	Aluminum	mg/L	0.015	0.04	0.013	No	26A0379-01
POC-04	2/12/2026	Aluminum	mg/L	<0.066	0.2	0.066	No	26B0429-01
POC-04	4/13/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26D0386-02
POC-04	7/28/2025	Antimony	mg/L	0.00018	0.0005	NA	No	25G0784-01
POC-04	8/20/2025	Antimony	mg/L	0.001	0.0005	NA	No	25H0579-02
POC-04	9/17/2025	Antimony	mg/L	0.00024	0.0005	NA	No	25I0480-01
POC-04	10/15/2025	Antimony	mg/L	0.00012	0.0005	3.90E-05	No	25J0484-03
POC-04	11/12/2025	Antimony	mg/L	0.000078	0.0005	3.90E-05	No	25K0411-04
POC-04	12/17/2025	Antimony	mg/L	0.000066	0.0005	3.90E-05	No	25L0522-01
POC-04	1/14/2026	Antimony	mg/L	0.000045	0.0005	3.90E-05	No	26A0379-01
POC-04	2/12/2026	Antimony	mg/L	0.00008	0.0005	3.90E-05	No	26B0429-01
POC-04	4/13/2026	Antimony	mg/L	<0.000039	0.0005	3.90E-05	No	26D0386-02
POC-04	7/28/2025	Arsenic	mg/L	0.0044	0.0005	NA	No	25G0784-01
POC-04	8/20/2025	Arsenic	mg/L	0.005	0.0005	NA	No	25H0579-02
POC-04	9/17/2025	Arsenic	mg/L	0.008	0.0005	NA	YES	25I0480-01
POC-04	10/15/2025	Arsenic	mg/L	0.0031	0.0005	0.0001	No	25J0484-03
POC-04	11/12/2025	Arsenic	mg/L	0.0029	0.0005	0.0001	No	25K0411-04
POC-04	12/17/2025	Arsenic	mg/L	0.0029	0.0005	0.0001	No	25L0522-01
POC-04	1/14/2026	Arsenic	mg/L	0.0036	0.0005	0.0001	No	26A0379-01
POC-04	2/12/2026	Arsenic	mg/L	0.0035	0.0005	0.0001	No	26B0429-01
POC-04	4/13/2026	Arsenic	mg/L	0.0036	0.0005	0.0001	No	26D0386-02
POC-04	7/28/2025	Barium	mg/L	0.05	0.0005	NA	No	25G0784-01
POC-04	8/20/2025	Barium	mg/L	0.068	0.0005	NA	No	25H0579-02
POC-04	9/17/2025	Barium	mg/L	0.07	0.0005	NA	No	25I0480-01
POC-04	10/15/2025	Barium	mg/L	0.053	0.0005	2.90E-05	No	25J0484-03
POC-04	11/12/2025	Barium	mg/L	0.057	0.0005	2.90E-05	No	25K0411-04
POC-04	12/17/2025	Barium	mg/L	0.058	0.0005	2.90E-05	No	25L0522-01
POC-04	1/14/2026	Barium	mg/L	0.061	0.0005	2.90E-05	No	26A0379-01
POC-04	2/12/2026	Barium	mg/L	0.057	0.0005	2.90E-05	No	26B0429-01
POC-04	4/13/2026	Barium	mg/L	0.057	0.0005	2.90E-05	No	26D0386-02
POC-04	7/28/2025	Benzene	ug/L	<0.50	0.5	NA	No	25G0784-01
POC-04	8/20/2025	Benzene	ug/L	<0.50	0.5	NA	No	25H0579-02
POC-04	9/17/2025	Benzene	ug/L	<0.50	0.5	NA	No	25I0480-01
POC-04	10/15/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25J0484-03
POC-04	11/12/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25K0411-04
POC-04	12/17/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25L0522-01
POC-04	1/14/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26A0379-01
POC-04	2/12/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26B0429-01
POC-04	4/13/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26D0386-02
POC-04	7/28/2025	Beryllium	mg/L	0.000021	0.00025	NA	No	25G0784-01
POC-04	8/20/2025	Beryllium	mg/L	0.000041	0.00025	NA	No	25H0579-02
POC-04	9/17/2025	Beryllium	mg/L	0.000024	0.00025	NA	No	25I0480-01
POC-04	10/15/2025	Beryllium	mg/L	<0.000013	0.00025	1.30E-05	No	25J0484-03
POC-04	11/12/2025	Beryllium	mg/L	0.000014	0.00025	1.30E-05	No	25K0411-04
POC-04	12/17/2025	Beryllium	mg/L	0.000017	0.00025	1.30E-05	No	25L0522-01
POC-04	1/14/2026	Beryllium	mg/L	0.000017	0.00025	1.30E-05	No	26A0379-01
POC-04	2/12/2026	Beryllium	mg/L	<0.000066	0.0013	6.60E-05	No	26B0429-01
POC-04	4/13/2026	Beryllium	mg/L	0.000018	0.00025	1.30E-05	No	26D0386-02
POC-04	7/28/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25G0784-01
POC-04	8/20/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25H0579-02
POC-04	9/17/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25I0480-01
POC-04	10/15/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25J0484-03
POC-04	11/12/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25K0411-04
POC-04	12/17/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25L0522-01
POC-04	1/14/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26A0379-01
POC-04	2/12/2026	Cadmium	mg/L	0.00005	0.00025	5.00E-05	No	26B0429-01
POC-04	4/13/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26D0386-02
POC-04	7/28/2025	Calcium	mg/L	45	4	NA	No	25G0784-01
POC-04	8/20/2025	Calcium	mg/L	50	40	NA	No	25H0579-02
POC-04	9/17/2025	Calcium	mg/L	55	4	NA	No	25I0480-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-04	10/15/2025	Calcium	mg/L	57	4	0.13	No	25J0484-03
POC-04	11/12/2025	Calcium	mg/L	61	4	0.13	No	25K0411-04
POC-04	12/17/2025	Calcium	mg/L	50	4	0.13	No	25L0522-01
POC-04	1/14/2026	Calcium	mg/L	63	4	0.13	No	26A0379-01
POC-04	2/12/2026	Calcium	mg/L	60	4	0.13	No	26B0429-01
POC-04	4/13/2026	Calcium	mg/L	65	4.4	0.14	No	26D0386-02
POC-04	7/28/2025	Carbon disulfide	ug/L	0.12	2	NA	No	25G0784-01
POC-04	8/20/2025	Carbon disulfide	ug/L	0.14	2	NA	No	25H0579-02
POC-04	9/17/2025	Carbon disulfide	ug/L	0.28	2	NA	No	25I0480-01
POC-04	10/15/2025	Carbon disulfide	ug/L	0.16	2	0.11	No	25J0484-03
POC-04	11/12/2025	Carbon disulfide	ug/L	0.18	2	0.11	No	25K0411-04
POC-04	12/17/2025	Carbon disulfide	ug/L	0.13	2	0.11	No	25L0522-01
POC-04	1/14/2026	Carbon disulfide	ug/L	0.18	2	0.11	No	26A0379-01
POC-04	2/12/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26B0429-01
POC-04	4/13/2026	Carbon disulfide	ug/L	0.58	2	0.11	No	26D0386-02
POC-04	7/28/2025	Chloride	mg/L	24	1	NA	No	25G0784-01
POC-04	8/20/2025	Chloride	mg/L	23	1	NA	No	25H0579-02
POC-04	9/17/2025	Chloride	mg/L	21	1	NA	No	25I0480-01
POC-04	10/15/2025	Chloride	mg/L	23	1	0.75	No	25J0484-03
POC-04	11/12/2025	Chloride	mg/L	24	2	1.5	No	25K0411-04
POC-04	12/17/2025	Chloride	mg/L	26	2	1.5	No	25L0522-01
POC-04	1/14/2026	Chloride	mg/L	26	2	1.5	No	26A0379-01
POC-04	2/12/2026	Chloride	mg/L	25	2	1.5	No	26B0429-01
POC-04	4/13/2026	Chloride	mg/L	25	2	1.5	No	26D0386-02
POC-04	7/28/2025	Chromium	mg/L	0.000064	0.0005	NA	No	25G0784-01
POC-04	8/20/2025	Chromium	mg/L	0.00059	0.0005	NA	No	25H0579-02
POC-04	9/17/2025	Chromium	mg/L	0.0016	0.0005	NA	No	25I0480-01
POC-04	10/15/2025	Chromium	mg/L	0.000084	0.0005	2.30E-05	No	25J0484-03
POC-04	11/12/2025	Chromium	mg/L	0.00023	0.0005	2.30E-05	No	25K0411-04
POC-04	12/17/2025	Chromium	mg/L	0.00029	0.0005	2.30E-05	No	25L0522-01
POC-04	1/14/2026	Chromium	mg/L	0.00054	0.0005	2.30E-05	No	26A0379-01
POC-04	2/12/2026	Chromium	mg/L	<0.00012	0.0025	0.00012	No	26B0429-01
POC-04	4/13/2026	Chromium	mg/L	0.00022	0.0005	2.30E-05	No	26D0386-02
POC-04	7/28/2025	Cobalt	mg/L	0.00027	0.00025	NA	No	25G0784-01
POC-04	8/20/2025	Cobalt	mg/L	0.0004	0.00025	NA	No	25H0579-02
POC-04	9/17/2025	Cobalt	mg/L	0.00026	0.00025	NA	No	25I0480-01
POC-04	10/15/2025	Cobalt	mg/L	0.0002	0.00025	1.00E-05	No	25J0484-03
POC-04	11/12/2025	Cobalt	mg/L	0.00021	0.00025	1.00E-05	No	25K0411-04
POC-04	12/17/2025	Cobalt	mg/L	0.0002	0.00025	1.00E-05	No	25L0522-01
POC-04	1/14/2026	Cobalt	mg/L	0.00033	0.00025	1.00E-05	No	26A0379-01
POC-04	2/12/2026	Cobalt	mg/L	0.00034	0.0013	5.20E-05	No	26B0429-01
POC-04	4/13/2026	Cobalt	mg/L	0.00032	0.00025	1.00E-05	No	26D0386-02
POC-04	10/15/2025	Conductivity	Âµmhos/cm	660	0.1	NA	No	25J0484-03
POC-04	7/28/2025	Conductivity	mhos/cm	656.1	NA	NA	No	NA
POC-04	8/20/2025	Conductivity	mhos/cm	639.2	NA	NA	No	NA
POC-04	9/17/2025	Conductivity	mhos/cm	605.1	NA	NA	No	NA
POC-04	10/15/2025	Conductivity	mhos/cm	645.3	NA	NA	No	NA
POC-04	11/12/2025	Conductivity	mhos/cm	653.3	NA	NA	No	NA
POC-04	12/17/2025	Conductivity	mhos/cm	654.4	NA	NA	No	NA
POC-04	1/14/2026	Conductivity	mhos/cm	668.1	NA	NA	No	NA
POC-04	2/12/2026	Conductivity	mhos/cm	662.6	NA	NA	No	NA
POC-04	4/13/2026	Conductivity	mhos/cm	691.2	NA	NA	No	NA
POC-04	7/28/2025	Copper	mg/L	0.012	0.0005	NA	No	25G0784-01
POC-04	8/20/2025	Copper	mg/L	0.005	0.0005	NA	No	25H0579-02
POC-04	9/17/2025	Copper	mg/L	0.0022	0.0005	NA	No	25I0480-01
POC-04	10/15/2025	Copper	mg/L	0.0015	0.0005	0.00015	No	25J0484-03
POC-04	11/12/2025	Copper	mg/L	0.0024	0.0005	0.00015	No	25K0411-04
POC-04	12/17/2025	Copper	mg/L	0.0022	0.0005	0.00015	No	25L0522-01
POC-04	1/14/2026	Copper	mg/L	0.0018	0.0005	0.00015	No	26A0379-01
POC-04	2/12/2026	Copper	mg/L	0.0017	0.0025	0.00077	No	26B0429-01
POC-04	4/13/2026	Copper	mg/L	0.0011	0.0005	0.00015	No	26D0386-02
POC-04	7/28/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25G0784-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-04	8/20/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25H0579-02
POC-04	9/17/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25I0480-01
POC-04	10/15/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25J0484-03
POC-04	11/12/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25K0411-04
POC-04	12/17/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25L0522-01
POC-04	1/14/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26A0379-01
POC-04	2/12/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26B0429-01
POC-04	4/13/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26D0386-02
POC-04	7/28/2025	DTW	ft	212.9	NA	NA	No	NA
POC-04	8/20/2025	DTW	ft	148.2	NA	NA	No	NA
POC-04	9/17/2025	DTW	ft	177.7	NA	NA	No	NA
POC-04	10/15/2025	DTW	ft	162.9	NA	NA	No	NA
POC-04	11/12/2025	DTW	ft	151.8	NA	NA	No	NA
POC-04	12/17/2025	DTW	ft	142.5	NA	NA	No	NA
POC-04	1/14/2026	DTW	ft	137.3	NA	NA	No	NA
POC-04	2/12/2026	DTW	ft	133.9	NA	NA	No	NA
POC-04	4/13/2026	DTW	ft	128.8	NA	NA	No	NA
POC-04	7/28/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25G0784-01
POC-04	8/20/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25H0579-02
POC-04	9/17/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25I0480-01
POC-04	10/15/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25J0484-03
POC-04	11/12/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25K0411-04
POC-04	12/17/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25L0522-01
POC-04	1/14/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26A0379-01
POC-04	2/12/2026	Ethylbenzene	ug/L	0.27	0.5	0.054	No	26B0429-01
POC-04	4/13/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26D0386-02
POC-04	7/28/2025	Fluoride	mg/L	2.2	0.5	NA	No	25G0784-01
POC-04	8/20/2025	Fluoride	mg/L	2.3	0.5	NA	No	25H0579-02
POC-04	9/17/2025	Fluoride	mg/L	2	0.5	NA	No	25I0480-01
POC-04	10/15/2025	Fluoride	mg/L	2.6	0.5	0.18	No	25J0484-03
POC-04	11/12/2025	Fluoride	mg/L	2.5	0.5	0.18	No	25K0411-04
POC-04	12/17/2025	Fluoride	mg/L	2.6	0.5	0.18	No	25L0522-01
POC-04	1/14/2026	Fluoride	mg/L	2.5	0.5	0.18	No	26A0379-01
POC-04	2/12/2026	Fluoride	mg/L	2.8	0.5	0.18	No	26B0429-01
POC-04	4/13/2026	Fluoride	mg/L	2.8	0.5	0.18	No	26D0386-02
POC-04	7/28/2025	Gross Alpha Activity	pCi/L	18.3	NA	NA	No	25G0784-01
POC-04	8/20/2025	Gross Alpha Activity	pCi/L	7.3	NA	NA	No	25H0579-02
POC-04	9/17/2025	Gross Alpha Activity	pCi/L	6.8	NA	NA	YES	25I0480-01
POC-04	10/15/2025	Gross Alpha Activity	pCi/L	17.2	NA	NA	No	25J0484-03
POC-04	11/12/2025	Gross Alpha Activity	pCi/L	15	NA	NA	No	25K0411-04
POC-04	12/17/2025	Gross Alpha Activity	pCi/L	15.7	NA	NA	No	25L0522-01
POC-04	1/14/2026	Gross Alpha Activity	pCi/L	20.1	NA	NA	No	26A0379-01
POC-04	2/12/2026	Gross Alpha Activity	pCi/L	20	NA	NA	No	26B0429-01
POC-04	4/13/2026	Gross Alpha Activity	pCi/L	19.6	NA	NA	No	26D0386-02
POC-04	7/28/2025	Iron	mg/L	6	0.3	NA	No	25G0784-01
POC-04	8/20/2025	Iron	mg/L	0.25	0.3	NA	No	25H0579-02
POC-04	9/17/2025	Iron	mg/L	0.38	0.3	NA	No	25I0480-01
POC-04	10/15/2025	Iron	mg/L	0.13	0.33	0.022	No	25J0484-03
POC-04	11/12/2025	Iron	mg/L	0.22	0.3	0.02	No	25K0411-04
POC-04	12/17/2025	Iron	mg/L	0.084	0.33	0.022	No	25L0522-01
POC-04	1/14/2026	Iron	mg/L	0.17	0.33	0.022	No	26A0379-01
POC-04	2/12/2026	Iron	mg/L	0.18	0.3	0.02	No	26B0429-01
POC-04	4/13/2026	Iron	mg/L	0.26	0.33	0.022	No	26D0386-02
POC-04	7/28/2025	Lead	mg/L	0.0002	0.0005	NA	No	25G0784-01
POC-04	8/20/2025	Lead	mg/L	0.00011	0.0005	NA	No	25H0579-02
POC-04	9/17/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25I0480-01
POC-04	10/15/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25J0484-03
POC-04	11/12/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25K0411-04
POC-04	12/17/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25L0522-01
POC-04	1/14/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26A0379-01
POC-04	2/12/2026	Lead	mg/L	0.0003	0.0005	5.70E-05	No	26B0429-01
POC-04	4/13/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26D0386-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-04	7/28/2025	Magnesium	mg/L	16	3	NA	No	25G0784-01
POC-04	8/20/2025	Magnesium	mg/L	16	30	NA	No	25H0579-02
POC-04	9/17/2025	Magnesium	mg/L	18	3	NA	No	25I0480-01
POC-04	10/15/2025	Magnesium	mg/L	17	3	0.1	No	25J0484-03
POC-04	11/12/2025	Magnesium	mg/L	18	3	0.1	No	25K0411-04
POC-04	12/17/2025	Magnesium	mg/L	13	3	0.1	No	25L0522-01
POC-04	1/14/2026	Magnesium	mg/L	19	3	0.1	No	26A0379-01
POC-04	2/12/2026	Magnesium	mg/L	17	3	0.1	No	26B0429-01
POC-04	4/13/2026	Magnesium	mg/L	20	3.3	0.12	No	26D0386-02
POC-04	7/28/2025	Manganese	mg/L	0.62	0.00025	NA	No	25G0784-01
POC-04	8/20/2025	Manganese	mg/L	0.69	0.0005	NA	No	25H0579-02
POC-04	9/17/2025	Manganese	mg/L	1.4	0.0005	NA	No	25I0480-01
POC-04	10/15/2025	Manganese	mg/L	0.35	0.00025	3.80E-05	No	25J0484-03
POC-04	11/12/2025	Manganese	mg/L	0.41	0.00025	3.80E-05	No	25K0411-04
POC-04	12/17/2025	Manganese	mg/L	0.47	0.00025	3.80E-05	No	25L0522-01
POC-04	1/14/2026	Manganese	mg/L	0.47	0.00025	3.80E-05	No	26A0379-01
POC-04	2/12/2026	Manganese	mg/L	0.45	0.0013	0.00019	No	26B0429-01
POC-04	4/13/2026	Manganese	mg/L	0.46	0.00025	3.80E-05	No	26D0386-02
POC-04	7/28/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25G0784-01
POC-04	8/20/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25H0579-02
POC-04	9/17/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25I0480-01
POC-04	10/15/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25J0484-03
POC-04	11/12/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25K0411-04
POC-04	12/17/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25L0522-01
POC-04	1/14/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26A0379-01
POC-04	2/12/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26B0429-01
POC-04	4/13/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26D0386-02
POC-04	7/28/2025	Molybdenum	mg/L	0.13	0.00025	NA	No	25G0784-01
POC-04	8/20/2025	Molybdenum	mg/L	0.11	0.00025	NA	No	25H0579-02
POC-04	9/17/2025	Molybdenum	mg/L	0.099	0.00025	NA	No	25I0480-01
POC-04	10/15/2025	Molybdenum	mg/L	0.083	0.00025	2.50E-05	No	25J0484-03
POC-04	11/12/2025	Molybdenum	mg/L	0.082	0.00025	2.50E-05	No	25K0411-04
POC-04	12/17/2025	Molybdenum	mg/L	0.073	0.00025	2.50E-05	No	25L0522-01
POC-04	1/14/2026	Molybdenum	mg/L	0.077	0.00025	2.50E-05	No	26A0379-01
POC-04	2/12/2026	Molybdenum	mg/L	0.076	0.00025	2.50E-05	No	26B0429-01
POC-04	4/13/2026	Molybdenum	mg/L	0.073	0.00025	2.50E-05	No	26D0386-02
POC-04	7/28/2025	Nickel	mg/L	0.0021	0.0005	NA	No	25G0784-01
POC-04	8/20/2025	Nickel	mg/L	0.0016	0.0005	NA	No	25H0579-02
POC-04	9/17/2025	Nickel	mg/L	0.0014	0.0005	NA	No	25I0480-01
POC-04	10/15/2025	Nickel	mg/L	0.00092	0.0005	1.50E-05	No	25J0484-03
POC-04	11/12/2025	Nickel	mg/L	0.0012	0.0005	1.50E-05	No	25K0411-04
POC-04	12/17/2025	Nickel	mg/L	0.00089	0.0005	1.50E-05	No	25L0522-01
POC-04	1/14/2026	Nickel	mg/L	0.00098	0.0005	1.50E-05	No	26A0379-01
POC-04	2/12/2026	Nickel	mg/L	0.086	0.0025	7.60E-05	YES	26B0429-01
POC-04	4/13/2026	Nickel	mg/L	0.00099	0.0005	1.50E-05	No	26D0386-02
POC-04	7/28/2025	Nitrate and Nitrite Sum	NA	<0.60	0.6	NA	No	25G0784-01
POC-04	8/20/2025	Nitrate and Nitrite Sum	NA	0.34	0.6	NA	No	25H0579-02
POC-04	9/17/2025	Nitrate and Nitrite Sum	NA	<0.60	0.6	NA	No	25I0480-01
POC-04	10/15/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25J0484-03
POC-04	11/12/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25K0411-04
POC-04	12/17/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25L0522-01
POC-04	1/14/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26A0379-01
POC-04	2/12/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26B0429-01
POC-04	4/13/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26D0386-02
POC-04	7/28/2025	Nitrogen, Nitrate (As N)	mg/L	<0.50	0.5	NA	No	25G0784-01
POC-04	8/20/2025	Nitrogen, Nitrate (As N)	mg/L	0.28	0.5	NA	No	25H0579-02
POC-04	9/17/2025	Nitrogen, Nitrate (As N)	mg/L	<0.50	0.5	NA	No	25I0480-01
POC-04	10/15/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25J0484-03
POC-04	11/20/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25K0624-04
POC-04	12/17/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25L0522-01
POC-04	1/14/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26A0379-01
POC-04	2/12/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26B0429-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-04	4/13/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26D0386-02
POC-04	7/28/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25G0784-01
POC-04	8/20/2025	Nitrogen, Nitrite (As N)	mg/L	0.057	0.1	NA	No	25H0579-02
POC-04	9/17/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25I0480-01
POC-04	10/15/2025	Nitrogen, Nitrite (As N)	mg/L	0.11	0.1	0.014	No	25J0484-03
POC-04	11/20/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25K0624-04
POC-04	12/17/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25L0522-01
POC-04	1/14/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26A0379-01
POC-04	2/12/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26B0429-01
POC-04	4/13/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26D0386-02
POC-04	7/28/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25G0784-01
POC-04	8/20/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25H0579-02
POC-04	9/17/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25I0480-01
POC-04	10/15/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25J0484-03
POC-04	11/12/2025	Nitrogen, Total	NA	0.64	1.1	0.58	No	25K0411-04
POC-04	12/17/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25L0522-01
POC-04	1/14/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26A0379-01
POC-04	2/12/2026	Nitrogen, Total	NA	0.59	1.1	0.58	No	26B0429-01
POC-04	4/13/2026	Nitrogen, Total	NA	5.2	1.1	0.58	No	26D0386-02
POC-04	7/28/2025	pH	s.u.	7.38	NA	NA	No	NA
POC-04	8/20/2025	pH	s.u.	7.79	NA	NA	No	NA
POC-04	9/17/2025	pH	s.u.	7.84	NA	NA	No	NA
POC-04	10/15/2025	pH	s.u.	7.66	NA	NA	No	NA
POC-04	11/12/2025	pH	s.u.	7.16	NA	NA	No	NA
POC-04	12/17/2025	pH	s.u.	7.08	NA	NA	No	NA
POC-04	1/14/2026	pH	s.u.	7.17	NA	NA	No	NA
POC-04	2/12/2026	pH	s.u.	6.89	NA	NA	No	NA
POC-04	4/13/2026	pH	s.u.	7.61	NA	NA	No	NA
POC-04	7/28/2025	pH (pH Units)	-	7.7	NA	NA	No	25G0784-01
POC-04	8/20/2025	pH (pH Units)	-	7.6	NA	NA	No	25H0579-02
POC-04	9/17/2025	pH (pH Units)	-	7.7	NA	NA	No	25I0480-01
POC-04	10/15/2025	pH (pH Units)	-	7.3	NA	NA	No	25J0484-03
POC-04	11/12/2025	pH (pH Units)	-	7.4	NA	NA	No	25K0411-04
POC-04	12/17/2025	pH (pH Units)	-	7.8	NA	NA	No	25L0522-01
POC-04	1/14/2026	pH (pH Units)	-	7.4	NA	NA	No	26A0379-01
POC-04	2/12/2026	pH (pH Units)	-	7.5	NA	NA	No	26B0429-01
POC-04	4/13/2026	pH (pH Units)	-	7.4	NA	NA	No	26D0386-02
POC-04	7/28/2025	Potassium	mg/L	5.1	5	NA	No	25G0784-01
POC-04	8/20/2025	Potassium	mg/L	5	50	NA	No	25H0579-02
POC-04	9/17/2025	Potassium	mg/L	5.4	5	NA	No	25I0480-01
POC-04	10/15/2025	Potassium	mg/L	5.5	5	0.14	No	25J0484-03
POC-04	11/12/2025	Potassium	mg/L	5.8	5	0.14	No	25K0411-04
POC-04	12/17/2025	Potassium	mg/L	0.73	5	0.14	No	25L0522-01
POC-04	1/14/2026	Potassium	mg/L	6	5	0.14	No	26A0379-01
POC-04	2/12/2026	Potassium	mg/L	6	5	0.14	No	26B0429-01
POC-04	4/13/2026	Potassium	mg/L	6	5.6	0.16	No	26D0386-02
POC-04	7/28/2025	Selenium	mg/L	0.0014	0.0025	NA	No	25G0784-01
POC-04	8/20/2025	Selenium	mg/L	0.0015	0.0025	NA	No	25H0579-02
POC-04	9/17/2025	Selenium	mg/L	0.0012	0.0025	NA	No	25I0480-01
POC-04	10/15/2025	Selenium	mg/L	0.00099	0.0025	0.00025	No	25J0484-03
POC-04	11/12/2025	Selenium	mg/L	0.0011	0.0025	0.00025	No	25K0411-04
POC-04	12/17/2025	Selenium	mg/L	0.00075	0.0025	0.00025	No	25L0522-01
POC-04	1/14/2026	Selenium	mg/L	0.00087	0.0025	0.00025	No	26A0379-01
POC-04	2/12/2026	Selenium	mg/L	0.00087	0.0025	0.00025	No	26B0429-01
POC-04	4/13/2026	Selenium	mg/L	0.0012	0.0025	0.00025	No	26D0386-02
POC-04	7/28/2025	Sodium	mg/L	45	5	NA	No	25G0784-01
POC-04	8/20/2025	Sodium	mg/L	57	50	NA	No	25H0579-02
POC-04	9/17/2025	Sodium	mg/L	51	5	NA	No	25I0480-01
POC-04	10/15/2025	Sodium	mg/L	49	5	0.58	No	25J0484-03
POC-04	11/12/2025	Sodium	mg/L	52	5	0.58	No	25K0411-04
POC-04	12/17/2025	Sodium	mg/L	18	5	0.58	No	25L0522-01
POC-04	1/14/2026	Sodium	mg/L	51	5	0.58	No	26A0379-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-04	2/12/2026	Sodium	mg/L	49	5	0.58	No	26B0429-01
POC-04	4/13/2026	Sodium	mg/L	50	5.6	0.65	No	26D0386-02
POC-04	7/28/2025	Sulfate	mg/L	57	5	NA	No	25G0784-01
POC-04	8/20/2025	Sulfate	mg/L	62	5	NA	No	25H0579-02
POC-04	9/17/2025	Sulfate	mg/L	36	5	NA	No	25I0480-01
POC-04	10/15/2025	Sulfate	mg/L	69	5	2.8	No	25J0484-03
POC-04	11/12/2025	Sulfate	mg/L	81	5	2.8	No	25K0411-04
POC-04	12/17/2025	Sulfate	mg/L	99	5	2.8	No	25L0522-01
POC-04	1/14/2026	Sulfate	mg/L	95	5	2.8	No	26A0379-01
POC-04	2/12/2026	Sulfate	mg/L	97	5	2.8	No	26B0429-01
POC-04	4/13/2026	Sulfate	mg/L	98	5	2.8	No	26D0386-02
POC-04	7/28/2025	Field Temperature	°C	29.3	NA	NA	No	NA
POC-04	8/20/2025	Field Temperature	°C	37.4	NA	NA	No	NA
POC-04	9/17/2025	Field Temperature	°C	27.1	NA	NA	No	NA
POC-04	10/15/2025	Field Temperature	°C	23.8	NA	NA	No	NA
POC-04	11/12/2025	Field Temperature	°C	22.8	NA	NA	No	NA
POC-04	12/17/2025	Field Temperature	°C	20.4	NA	NA	No	NA
POC-04	1/14/2026	Field Temperature	°C	20.1	NA	NA	No	NA
POC-04	2/12/2026	Field Temperature	°C	21	NA	NA	No	NA
POC-04	4/13/2026	Field Temperature	°C	23	NA	NA	No	NA
POC-04	7/28/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25G0784-01
POC-04	8/20/2025	Thallium	mg/L	0.000044	0.0005	NA	No	25H0579-02
POC-04	9/17/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25I0480-01
POC-04	10/15/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25J0484-03
POC-04	11/12/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25K0411-04
POC-04	12/17/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25L0522-01
POC-04	1/14/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26A0379-01
POC-04	2/12/2026	Thallium	mg/L	0.000053	0.0005	2.30E-05	No	26B0429-01
POC-04	4/13/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26D0386-02
POC-04	7/28/2025	Toluene	ug/L	0.23	0.5	NA	No	25G0784-01
POC-04	8/20/2025	Toluene	ug/L	0.66	0.5	NA	No	25H0579-02
POC-04	9/17/2025	Toluene	ug/L	0.74	0.5	NA	No	25I0480-01
POC-04	10/15/2025	Toluene	ug/L	0.23	0.5	0.057	No	25J0484-03
POC-04	11/12/2025	Toluene	ug/L	0.08	0.5	0.057	No	25K0411-04
POC-04	12/17/2025	Toluene	ug/L	0.11	0.5	0.057	No	25L0522-01
POC-04	1/14/2026	Toluene	ug/L	0.091	0.5	0.057	No	26A0379-01
POC-04	2/12/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26B0429-01
POC-04	4/13/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26D0386-02
POC-04	7/28/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	410	20	NA	No	25G0784-01
POC-04	8/20/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	390	20	NA	No	25H0579-02
POC-04	9/17/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	400	20	NA	No	25I0480-01
POC-04	10/15/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	400	20	20	No	25J0484-03
POC-04	11/12/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	410	20	20	No	25K0411-04
POC-04	12/17/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	450	20	20	No	25L0522-01
POC-04	1/14/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	420	20	20	No	26A0379-01
POC-04	2/12/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	440	20	20	No	26B0429-01
POC-04	4/13/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	440	20	20	No	26D0386-02
POC-04	7/28/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25G0784-01
POC-04	8/20/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25H0579-02
POC-04	9/17/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25I0480-01
POC-04	10/15/2025	Total Radium	pCi/L	<0.9	NA	NA	No	25J0484-03
POC-04	11/12/2025	Total Radium	pCi/L	0.7	NA	NA	No	25K0411-04
POC-04	12/17/2025	Total Radium	pCi/L	0.7	NA	NA	No	25L0522-01
POC-04	1/14/2026	Total Radium	pCi/L	<0.8	NA	NA	No	26A0379-01
POC-04	2/12/2026	Total Radium	pCi/L	<0.7	NA	NA	No	26B0429-01
POC-04	4/13/2026	Total Radium	pCi/L	<0.7	NA	NA	No	26D0386-02
POC-04	7/28/2025	Uranium	mg/L	0.02	0.005	NA	No	25G0784-01
POC-04	8/20/2025	Uranium	mg/L	0.0097	0.001	NA	No	25H0579-02
POC-04	9/17/2025	Uranium	mg/L	0.0068	0.00056	NA	No	25I0480-01
POC-04	10/15/2025	Uranium	mg/L	0.014	0.0005	1.50E-05	No	25J0484-03
POC-04	11/12/2025	Uranium	mg/L	0.019	0.00056	1.60E-05	No	25K0411-04
POC-04	12/17/2025	Uranium	mg/L	0.02	0.0005	1.50E-05	No	25L0522-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-04	1/14/2026	Uranium	mg/L	0.023	0.00056	1.60E-05	No	26A0379-01
POC-04	2/12/2026	Uranium	mg/L	0.023	0.00056	1.60E-05	No	26B0429-01
POC-04	4/13/2026	Uranium	mg/L	0.018	0.0005	1.50E-05	No	26D0386-02
POC-04	7/28/2025	Uranium Total Activity	pCi/L	14	NA	NA	No	25G0784-01
POC-04	8/20/2025	Uranium Total Activity	pCi/L	9.2	NA	NA	No	25H0579-02
POC-04	9/17/2025	Uranium Total Activity	pCi/L	4.5	NA	NA	No	25I0480-01
POC-04	10/15/2025	Uranium Total Activity	pCi/L	12.9	NA	NA	No	25J0484-03
POC-04	11/12/2025	Uranium Total Activity	pCi/L	14.7	NA	NA	No	25K0411-04
POC-04	12/17/2025	Uranium Total Activity	pCi/L	14.6	NA	NA	No	25L0522-01
POC-04	1/14/2026	Uranium Total Activity	pCi/L	23.2	NA	NA	No	26A0379-01
POC-04	2/12/2026	Uranium Total Activity	pCi/L	19.9	NA	NA	No	26B0429-01
POC-04	4/13/2026	Uranium Total Activity	pCi/L	17.7	NA	NA	No	26D0386-02
POC-04	7/28/2025	Uranium Total Content	ug/L	14.9	NA	NA	No	25G0784-01
POC-04	8/20/2025	Uranium Total Content	ug/L	9.6	NA	NA	No	25H0579-02
POC-04	9/17/2025	Uranium Total Content	ug/L	4	NA	NA	No	25I0480-01
POC-04	10/15/2025	Uranium Total Content	ug/L	13.4	NA	NA	No	25J0484-03
POC-04	11/12/2025	Uranium Total Content	ug/L	15.4	NA	NA	No	25K0411-04
POC-04	12/17/2025	Uranium Total Content	ug/L	15.4	NA	NA	No	25L0522-01
POC-04	1/14/2026	Uranium Total Content	ug/L	23.2	NA	NA	No	26A0379-01
POC-04	2/12/2026	Uranium Total Content	ug/L	16.2	NA	NA	No	26B0429-01
POC-04	4/13/2026	Uranium Total Content	ug/L	15.7	NA	NA	No	26D0386-02
POC-04	7/28/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25G0784-01
POC-04	8/20/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25H0579-02
POC-04	9/17/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25I0480-01
POC-04	10/15/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25J0484-03
POC-04	11/12/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25K0411-04
POC-04	12/17/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25L0522-01
POC-04	1/14/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26A0379-01
POC-04	2/12/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26B0429-01
POC-04	4/13/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26D0386-02
POC-04	7/28/2025	Zinc	mg/L	0.0026	0.04	NA	No	25G0784-01
POC-04	8/20/2025	Zinc	mg/L	0.015	0.04	NA	No	25H0579-02
POC-04	9/17/2025	Zinc	mg/L	0.0077	0.04	NA	No	25I0480-01
POC-04	10/15/2025	Zinc	mg/L	<0.0023	0.04	0.0023	No	25J0484-03
POC-04	11/12/2025	Zinc	mg/L	0.0037	0.04	0.0023	No	25K0411-04
POC-04	12/17/2025	Zinc	mg/L	<0.0023	0.04	0.0023	No	25L0522-01
POC-04	1/14/2026	Zinc	mg/L	<0.0023	0.04	0.0023	No	26A0379-01
POC-04	2/12/2026	Zinc	mg/L	<0.011	0.2	0.011	No	26B0429-01
POC-04	4/13/2026	Zinc	mg/L	<0.0023	0.04	0.0023	No	26D0386-02
POC-05	7/23/2025	Adjusted Gross Alpha	pCi/L	2.1	NA	NA	No	25G0696-05
POC-05	8/25/2025	Adjusted Gross Alpha	pCi/L	1.3	NA	NA	No	25H0656-01
POC-05	9/16/2025	Adjusted Gross Alpha	pCi/L	<1.0	NA	NA	No	25I0457-04
POC-05	10/29/2025	Adjusted Gross Alpha	pCi/L	7.7	NA	NA	YES	25J0817-02
POC-05	11/13/2025	Adjusted Gross Alpha	pCi/L	3.8	NA	NA	No	25K0453-01
POC-05	12/16/2025	Adjusted Gross Alpha	pCi/L	<1.0	NA	NA	No	25L0490-06
POC-05	1/15/2026	Adjusted Gross Alpha	pCi/L	3	NA	NA	No	26A0433-02
POC-05	2/16/2026	Adjusted Gross Alpha	pCi/L	2.2	NA	NA	No	26B0497-04
POC-05	4/14/2026	Adjusted Gross Alpha	pCi/L	<1	NA	NA	No	26D0430-04
POC-05	7/22/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	160	2	NA	No	25G0696-05
POC-05	8/25/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	210	2	NA	No	25H0656-01
POC-05	9/16/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	NA	No	25I0457-04
POC-05	10/29/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	2	No	25J0817-02
POC-05	11/13/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	2	No	25K0453-01
POC-05	12/16/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	2	No	25L0490-06
POC-05	1/15/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	240	2	2	No	26A0433-02
POC-05	2/16/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	240	2	2	No	26B0497-04
POC-05	4/14/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	2	No	26D0430-04
POC-05	7/22/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	44	2	NA	No	25G0696-05
POC-05	8/25/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25H0656-01
POC-05	9/16/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25I0457-04
POC-05	10/29/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25J0817-02
POC-05	11/13/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25K0453-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-05	12/16/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25L0490-06
POC-05	1/15/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26A0433-02
POC-05	2/16/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26B0497-04
POC-05	4/14/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26D0430-04
POC-05	7/22/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-05
POC-05	8/25/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25H0656-01
POC-05	9/16/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25I0457-04
POC-05	10/29/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25J0817-02
POC-05	11/13/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25K0453-01
POC-05	12/16/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25L0490-06
POC-05	1/15/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26A0433-02
POC-05	2/16/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26B0497-04
POC-05	4/14/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26D0430-04
POC-05	7/22/2025	Alkalinity, Total (As CaCO3)	mg/L	200	2	NA	No	25G0696-05
POC-05	8/25/2025	Alkalinity, Total (As CaCO3)	mg/L	210	2	NA	No	25H0656-01
POC-05	9/16/2025	Alkalinity, Total (As CaCO3)	mg/L	230	2	NA	No	25I0457-04
POC-05	10/29/2025	Alkalinity, Total (As CaCO3)	mg/L	230	2	2	No	25J0817-02
POC-05	11/13/2025	Alkalinity, Total (As CaCO3)	mg/L	230	2	2	No	25K0453-01
POC-05	12/16/2025	Alkalinity, Total (As CaCO3)	mg/L	230	2	2	No	25L0490-06
POC-05	1/15/2026	Alkalinity, Total (As CaCO3)	mg/L	240	2	2	No	26A0433-02
POC-05	2/16/2026	Alkalinity, Total (As CaCO3)	mg/L	240	2	2	No	26B0497-04
POC-05	4/14/2026	Alkalinity, Total (As CaCO3)	mg/L	230	2	2	No	26D0430-04
POC-05	7/22/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25G0696-05
POC-05	8/25/2025	Aluminum	mg/L	0.28	0.04	NA	No	25H0656-01
POC-05	9/16/2025	Aluminum	mg/L	0.046	0.04	NA	No	25I0457-04
POC-05	10/29/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25J0817-02
POC-05	11/13/2025	Aluminum	mg/L	<0.13	0.4	0.13	No	25K0453-01
POC-05	12/16/2025	Aluminum	mg/L	0.013	0.04	0.013	No	25L0490-06
POC-05	1/15/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26A0433-02
POC-05	2/16/2026	Aluminum	mg/L	<0.066	0.2	0.066	No	26B0497-04
POC-05	4/14/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26D0430-04
POC-05	7/22/2025	Antimony	mg/L	0.00013	0.0005	NA	No	25G0696-05
POC-05	8/25/2025	Antimony	mg/L	<0.00050	0.0005	NA	No	25H0656-01
POC-05	9/16/2025	Antimony	mg/L	<0.00050	0.0005	NA	No	25I0457-04
POC-05	10/29/2025	Antimony	mg/L	<0.000039	0.0005	3.90E-05	No	25J0817-02
POC-05	11/13/2025	Antimony	mg/L	<0.00039	0.005	0.00039	No	25K0453-01
POC-05	12/16/2025	Antimony	mg/L	<0.000039	0.0005	3.90E-05	No	25L0490-06
POC-05	1/15/2026	Antimony	mg/L	<0.000039	0.0005	3.90E-05	No	26A0433-02
POC-05	2/16/2026	Antimony	mg/L	<0.000039	0.0005	3.90E-05	No	26B0497-04
POC-05	4/14/2026	Antimony	mg/L	0.000062	0.0005	3.90E-05	No	26D0430-04
POC-05	7/22/2025	Arsenic	mg/L	0.0045	0.0005	NA	No	25G0696-05
POC-05	8/25/2025	Arsenic	mg/L	0.003	0.0005	NA	No	25H0656-01
POC-05	9/16/2025	Arsenic	mg/L	0.0039	0.0005	NA	No	25I0457-04
POC-05	10/29/2025	Arsenic	mg/L	0.0044	0.0005	0.0001	No	25J0817-02
POC-05	11/13/2025	Arsenic	mg/L	0.005	0.005	0.001	No	25K0453-01
POC-05	12/16/2025	Arsenic	mg/L	0.0058	0.0005	0.0001	No	25L0490-06
POC-05	1/15/2026	Arsenic	mg/L	0.0088	0.0005	0.0001	No	26A0433-02
POC-05	2/16/2026	Arsenic	mg/L	0.0096	0.0005	0.0001	No	26B0497-04
POC-05	4/14/2026	Arsenic	mg/L	0.01	0.0005	0.0001	No	26D0430-04
POC-05	7/22/2025	Barium	mg/L	0.081	0.0005	NA	No	25G0696-05
POC-05	8/25/2025	Barium	mg/L	0.099	0.0005	NA	No	25H0656-01
POC-05	9/16/2025	Barium	mg/L	0.092	0.0005	NA	No	25I0457-04
POC-05	10/29/2025	Barium	mg/L	0.095	0.0005	2.90E-05	No	25J0817-02
POC-05	11/13/2025	Barium	mg/L	0.093	0.005	0.00029	No	25K0453-01
POC-05	12/16/2025	Barium	mg/L	0.1	0.0005	2.90E-05	No	25L0490-06
POC-05	1/15/2026	Barium	mg/L	0.11	0.0005	2.90E-05	No	26A0433-02
POC-05	2/16/2026	Barium	mg/L	0.1	0.0005	2.90E-05	No	26B0497-04
POC-05	4/14/2026	Barium	mg/L	0.096	0.0005	2.90E-05	No	26D0430-04
POC-05	7/22/2025	Benzene	ug/L	<0.50	0.5	NA	No	25G0696-05
POC-05	8/25/2025	Benzene	ug/L	<0.50	0.5	NA	No	25H0656-01
POC-05	9/16/2025	Benzene	ug/L	<0.50	0.5	NA	No	25I0457-04
POC-05	10/29/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25J0817-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-05	11/13/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25K0453-01
POC-05	12/16/2025	Benzene	ug/L	0.32	0.5	0.063	No	25L0490-06
POC-05	1/15/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26A0433-02
POC-05	2/16/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26B0497-04
POC-05	4/14/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26D0430-04
POC-05	7/22/2025	Beryllium	mg/L	0.000017	0.00025	NA	No	25G0696-05
POC-05	8/25/2025	Beryllium	mg/L	0.0013	0.00025	NA	No	25H0656-01
POC-05	9/16/2025	Beryllium	mg/L	0.000024	0.00025	NA	No	25I0457-04
POC-05	10/29/2025	Beryllium	mg/L	<0.000013	0.00025	1.30E-05	No	25J0817-02
POC-05	11/13/2025	Beryllium	mg/L	<0.00013	0.0025	0.00013	No	25K0453-01
POC-05	12/16/2025	Beryllium	mg/L	<0.000013	0.00025	1.30E-05	No	25L0490-06
POC-05	1/15/2026	Beryllium	mg/L	0.000031	0.00025	1.30E-05	No	26A0433-02
POC-05	2/16/2026	Beryllium	mg/L	<0.000066	0.0013	6.60E-05	YES	26B0497-04
POC-05	4/14/2026	Beryllium	mg/L	0.000059	0.00025	1.30E-05	No	26D0430-04
POC-05	7/22/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25G0696-05
POC-05	8/25/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25H0656-01
POC-05	9/16/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25I0457-04
POC-05	10/29/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25J0817-02
POC-05	11/13/2025	Cadmium	mg/L	<0.00050	0.0025	0.0005	No	25K0453-01
POC-05	12/16/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25L0490-06
POC-05	1/15/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26A0433-02
POC-05	2/16/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26B0497-04
POC-05	4/14/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26D0430-04
POC-05	7/22/2025	Calcium	mg/L	34	4	NA	No	25G0696-05
POC-05	8/25/2025	Calcium	mg/L	37	4	NA	No	25H0656-01
POC-05	9/16/2025	Calcium	mg/L	44	4	NA	No	25I0457-04
POC-05	10/29/2025	Calcium	mg/L	42	4	0.13	No	25J0817-02
POC-05	11/13/2025	Calcium	mg/L	47	4	0.13	No	25K0453-01
POC-05	12/16/2025	Calcium	mg/L	41	4	0.13	No	25L0490-06
POC-05	1/15/2026	Calcium	mg/L	45	4	0.13	No	26A0433-02
POC-05	2/16/2026	Calcium	mg/L	42	4	0.13	No	26B0497-04
POC-05	4/14/2026	Calcium	mg/L	47	4.4	0.14	No	26D0430-04
POC-05	7/22/2025	Carbon disulfide	ug/L	0.27	2	NA	No	25G0696-05
POC-05	8/25/2025	Carbon disulfide	ug/L	0.81	2	NA	No	25H0656-01
POC-05	9/16/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25I0457-04
POC-05	10/29/2025	Carbon disulfide	ug/L	0.27	2	0.11	No	25J0817-02
POC-05	11/13/2025	Carbon disulfide	ug/L	0.28	2	0.11	No	25K0453-01
POC-05	12/16/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25L0490-06
POC-05	1/15/2026	Carbon disulfide	ug/L	1.5	2	0.11	No	26A0433-02
POC-05	2/16/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26B0497-04
POC-05	4/14/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26D0430-04
POC-05	7/22/2025	Chloride	mg/L	17	1	NA	No	25G0696-05
POC-05	8/25/2025	Chloride	mg/L	19	1	NA	No	25H0656-01
POC-05	9/16/2025	Chloride	mg/L	19	1	NA	No	25I0457-04
POC-05	10/29/2025	Chloride	mg/L	21	1	0.75	No	25J0817-02
POC-05	11/13/2025	Chloride	mg/L	21	1	0.75	No	25K0453-01
POC-05	12/16/2025	Chloride	mg/L	<0.75	1	0.75	No	25L0490-06
POC-05	1/15/2026	Chloride	mg/L	21	1	0.75	No	26A0433-02
POC-05	2/16/2026	Chloride	mg/L	20	1	0.75	No	26B0497-04
POC-05	4/14/2026	Chloride	mg/L	21	1	0.75	No	26D0430-04
POC-05	7/22/2025	Chromium	mg/L	0.00099	0.0005	NA	No	25G0696-05
POC-05	8/25/2025	Chromium	mg/L	0.00012	0.0005	NA	No	25H0656-01
POC-05	9/16/2025	Chromium	mg/L	0.0014	0.0005	NA	No	25I0457-04
POC-05	10/29/2025	Chromium	mg/L	0.00053	0.0005	2.30E-05	No	25J0817-02
POC-05	11/13/2025	Chromium	mg/L	<0.00023	0.005	0.00023	No	25K0453-01
POC-05	12/16/2025	Chromium	mg/L	0.00027	0.0005	2.30E-05	No	25L0490-06
POC-05	1/15/2026	Chromium	mg/L	0.00083	0.0005	2.30E-05	No	26A0433-02
POC-05	2/16/2026	Chromium	mg/L	<0.00012	0.0025	0.00012	No	26B0497-04
POC-05	4/14/2026	Chromium	mg/L	0.00026	0.0005	2.30E-05	No	26D0430-04
POC-05	7/22/2025	Cobalt	mg/L	0.00031	0.00025	NA	No	25G0696-05
POC-05	8/25/2025	Cobalt	mg/L	0.00021	0.00025	NA	No	25H0656-01
POC-05	9/16/2025	Cobalt	mg/L	0.000092	0.00025	NA	No	25I0457-04

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-05	10/29/2025	Cobalt	mg/L	0.00011	0.00025	1.00E-05	No	25J0817-02
POC-05	11/13/2025	Cobalt	mg/L	0.0016	0.0025	0.0001	No	25K0453-01
POC-05	12/16/2025	Cobalt	mg/L	0.00023	0.00025	1.00E-05	No	25L0490-06
POC-05	1/15/2026	Cobalt	mg/L	0.00035	0.00025	1.00E-05	No	26A0433-02
POC-05	2/16/2026	Cobalt	mg/L	0.00027	0.0013	5.20E-05	No	26B0497-04
POC-05	4/14/2026	Cobalt	mg/L	0.00039	0.00025	1.00E-05	No	26D0430-04
POC-05	7/22/2025	Conductivity	mhos/cm	482.8	NA	NA	No	NA
POC-05	8/25/2025	Conductivity	mhos/cm	481.7	NA	NA	No	NA
POC-05	9/16/2025	Conductivity	mhos/cm	512.5	NA	NA	No	NA
POC-05	10/29/2025	Conductivity	mhos/cm	523.4	NA	NA	No	NA
POC-05	11/12/2025	Conductivity	mhos/cm	521.7	NA	NA	No	NA
POC-05	12/16/2025	Conductivity	mhos/cm	523.2	NA	NA	No	NA
POC-05	1/15/2026	Conductivity	mhos/cm	517	NA	NA	No	NA
POC-05	2/16/2026	Conductivity	mhos/cm	509.8	NA	NA	No	NA
POC-05	4/14/2026	Conductivity	mhos/cm	531.8	NA	NA	No	NA
POC-05	7/22/2025	Copper	mg/L	0.0012	0.0005	NA	No	25G0696-05
POC-05	8/25/2025	Copper	mg/L	0.0083	0.0005	NA	No	25H0656-01
POC-05	9/16/2025	Copper	mg/L	0.0013	0.0005	NA	No	25I0457-04
POC-05	10/29/2025	Copper	mg/L	0.0018	0.0005	0.00015	No	25J0817-02
POC-05	11/13/2025	Copper	mg/L	0.028	0.005	0.0015	No	25K0453-01
POC-05	12/16/2025	Copper	mg/L	0.0023	0.0005	0.00015	No	25L0490-06
POC-05	1/15/2026	Copper	mg/L	0.0014	0.0005	0.00015	No	26A0433-02
POC-05	2/16/2026	Copper	mg/L	<0.00077	0.0025	0.00077	No	26B0497-04
POC-05	4/14/2026	Copper	mg/L	0.001	0.0005	0.00015	No	26D0430-04
POC-05	7/22/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25G0696-05
POC-05	8/25/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25H0656-01
POC-05	9/16/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25I0457-04
POC-05	10/29/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25J0817-02
POC-05	11/13/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25K0453-01
POC-05	12/16/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25L0490-06
POC-05	1/15/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26A0433-02
POC-05	2/16/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26B0497-04
POC-05	4/14/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26D0430-04
POC-05	7/22/2025	DTW	ft	190.7	NA	NA	No	NA
POC-05	8/25/2025	DTW	ft	146.3	NA	NA	No	NA
POC-05	9/16/2025	DTW	ft	144.6	NA	NA	No	NA
POC-05	10/29/2025	DTW	ft	145.2	NA	NA	No	NA
POC-05	11/12/2025	DTW	ft	144.2	NA	NA	No	NA
POC-05	12/16/2025	DTW	ft	143.5	NA	NA	No	NA
POC-05	1/15/2026	DTW	ft	143.4	NA	NA	No	NA
POC-05	2/16/2026	DTW	ft	143.2	NA	NA	No	NA
POC-05	4/14/2026	DTW	ft	143.3	NA	NA	No	NA
POC-05	7/22/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25G0696-05
POC-05	8/25/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25H0656-01
POC-05	9/16/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25I0457-04
POC-05	10/29/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25J0817-02
POC-05	11/13/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25K0453-01
POC-05	12/16/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25L0490-06
POC-05	1/15/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26A0433-02
POC-05	2/16/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26B0497-04
POC-05	4/14/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26D0430-04
POC-05	7/22/2025	Fluoride	mg/L	2.8	0.5	NA	No	25G0696-05
POC-05	8/25/2025	Fluoride	mg/L	2.5	0.5	NA	No	25H0656-01
POC-05	9/16/2025	Fluoride	mg/L	2.4	0.5	NA	No	25I0457-04
POC-05	10/29/2025	Fluoride	mg/L	2.7	0.5	0.18	No	25J0817-02
POC-05	11/13/2025	Fluoride	mg/L	2.6	0.5	0.18	No	25K0453-01
POC-05	12/16/2025	Fluoride	mg/L	2.5	0.5	0.18	No	25L0490-06
POC-05	1/15/2026	Fluoride	mg/L	2.9	0.5	0.18	No	26A0433-02
POC-05	2/16/2026	Fluoride	mg/L	2.9	0.5	0.18	No	26B0497-04
POC-05	4/14/2026	Fluoride	mg/L	3	0.5	0.18	No	26D0430-04
POC-05	7/23/2025	Gross Alpha Activity	pCi/L	23.9	NA	NA	No	25G0696-05
POC-05	8/25/2025	Gross Alpha Activity	pCi/L	18.5	NA	NA	No	25H0656-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-05	9/16/2025	Gross Alpha Activity	pCi/L	20.6	NA	NA	No	25I0457-04
POC-05	10/29/2025	Gross Alpha Activity	pCi/L	26.1	NA	NA	No	25J0817-02
POC-05	11/13/2025	Gross Alpha Activity	pCi/L	25.9	NA	NA	No	25K0453-01
POC-05	12/16/2025	Gross Alpha Activity	pCi/L	21.2	NA	NA	No	25L0490-06
POC-05	1/15/2026	Gross Alpha Activity	pCi/L	20.4	NA	NA	No	26A0433-02
POC-05	2/16/2026	Gross Alpha Activity	pCi/L	20.8	NA	NA	No	26B0497-04
POC-05	4/14/2026	Gross Alpha Activity	pCi/L	22.4	NA	NA	No	26D0430-04
POC-05	7/22/2025	Iron	mg/L	0.63	0.3	NA	No	25G0696-05
POC-05	8/25/2025	Iron	mg/L	0.25	0.33	NA	No	25H0656-01
POC-05	9/16/2025	Iron	mg/L	0.18	0.3	NA	No	25I0457-04
POC-05	10/29/2025	Iron	mg/L	0.4	0.3	0.02	No	25J0817-02
POC-05	11/13/2025	Iron	mg/L	0.59	0.3	0.02	No	25K0453-01
POC-05	12/16/2025	Iron	mg/L	0.63	0.33	0.022	No	25L0490-06
POC-05	1/15/2026	Iron	mg/L	0.67	0.33	0.022	No	26A0433-02
POC-05	2/16/2026	Iron	mg/L	0.9	0.3	0.02	No	26B0497-04
POC-05	4/14/2026	Iron	mg/L	0.49	0.3	0.02	No	26D0430-04
POC-05	7/22/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25G0696-05
POC-05	8/25/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25H0656-01
POC-05	9/16/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25I0457-04
POC-05	10/29/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25J0817-02
POC-05	11/13/2025	Lead	mg/L	<0.00057	0.005	0.00057	No	25K0453-01
POC-05	12/16/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25L0490-06
POC-05	1/15/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26A0433-02
POC-05	2/16/2026	Lead	mg/L	0.00024	0.0005	5.70E-05	No	26B0497-04
POC-05	4/14/2026	Lead	mg/L	0.000062	0.0005	5.70E-05	No	26D0430-04
POC-05	7/22/2025	Magnesium	mg/L	7.2	3	NA	No	25G0696-05
POC-05	8/25/2025	Magnesium	mg/L	7.7	3	NA	No	25H0656-01
POC-05	9/16/2025	Magnesium	mg/L	9.1	3	NA	No	25I0457-04
POC-05	10/29/2025	Magnesium	mg/L	8.7	3	0.1	No	25J0817-02
POC-05	11/13/2025	Magnesium	mg/L	10	3	0.1	No	25K0453-01
POC-05	12/16/2025	Magnesium	mg/L	8.6	3	0.1	No	25L0490-06
POC-05	1/15/2026	Magnesium	mg/L	9.3	3	0.1	No	26A0433-02
POC-05	2/16/2026	Magnesium	mg/L	9	3	0.1	No	26B0497-04
POC-05	4/14/2026	Magnesium	mg/L	9.9	3.3	0.12	No	26D0430-04
POC-05	7/22/2025	Manganese	mg/L	0.29	0.00025	NA	No	25G0696-05
POC-05	8/25/2025	Manganese	mg/L	0.17	0.00025	NA	No	25H0656-01
POC-05	9/16/2025	Manganese	mg/L	0.1	0.00025	NA	No	25I0457-04
POC-05	10/29/2025	Manganese	mg/L	0.072	0.00025	3.80E-05	No	25J0817-02
POC-05	11/13/2025	Manganese	mg/L	0.093	0.0025	0.00038	No	25K0453-01
POC-05	12/16/2025	Manganese	mg/L	0.31	0.00025	3.80E-05	No	25L0490-06
POC-05	1/15/2026	Manganese	mg/L	0.37	0.00025	3.80E-05	No	26A0433-02
POC-05	2/16/2026	Manganese	mg/L	0.37	0.0013	0.00019	No	26B0497-04
POC-05	4/14/2026	Manganese	mg/L	0.35	0.00025	3.80E-05	No	26D0430-04
POC-05	7/22/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25G0696-05
POC-05	8/25/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25H0656-01
POC-05	9/16/2025	Mercury	mg/L	0.00095	0.001	NA	No	25I0457-04
POC-05	10/29/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25J0817-02
POC-05	11/13/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25K0453-01
POC-05	12/16/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25L0490-06
POC-05	1/15/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26A0433-02
POC-05	2/16/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26B0497-04
POC-05	4/14/2026	Mercury	mg/L	0.00025	0.001	0.00015	No	26D0430-04
POC-05	7/22/2025	Molybdenum	mg/L	0.061	0.00025	NA	No	25G0696-05
POC-05	8/25/2025	Molybdenum	mg/L	0.052	0.00025	NA	No	25H0656-01
POC-05	9/16/2025	Molybdenum	mg/L	0.04	0.00025	NA	No	25I0457-04
POC-05	10/29/2025	Molybdenum	mg/L	0.039	0.00025	2.50E-05	No	25J0817-02
POC-05	11/13/2025	Molybdenum	mg/L	0.039	0.0025	0.00025	No	25K0453-01
POC-05	12/16/2025	Molybdenum	mg/L	0.038	0.00025	2.50E-05	No	25L0490-06
POC-05	1/15/2026	Molybdenum	mg/L	0.039	0.00025	2.50E-05	No	26A0433-02
POC-05	2/16/2026	Molybdenum	mg/L	0.039	0.00025	2.50E-05	No	26B0497-04
POC-05	4/14/2026	Molybdenum	mg/L	0.035	0.00025	2.50E-05	No	26D0430-04
POC-05	7/22/2025	Nickel	mg/L	0.00076	0.0005	NA	No	25G0696-05

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-05	8/25/2025	Nickel	mg/L	0.0011	0.0005	NA	No	25H0656-01
POC-05	9/16/2025	Nickel	mg/L	0.00088	0.0005	NA	No	25I0457-04
POC-05	10/29/2025	Nickel	mg/L	0.00094	0.0005	1.50E-05	No	25J0817-02
POC-05	11/13/2025	Nickel	mg/L	0.0035	0.005	0.00015	No	25K0453-01
POC-05	12/16/2025	Nickel	mg/L	0.00068	0.0005	1.50E-05	No	25L0490-06
POC-05	1/15/2026	Nickel	mg/L	0.00058	0.0005	1.50E-05	No	26A0433-02
POC-05	2/16/2026	Nickel	mg/L	0.0014	0.0025	7.60E-05	No	26B0497-04
POC-05	4/14/2026	Nickel	mg/L	0.00061	0.0005	1.50E-05	No	26D0430-04
POC-05	7/22/2025	Nitrate and Nitrite Sum	NA	<0.60	0.6	NA	No	25G0696-05
POC-05	8/25/2025	Nitrate and Nitrite Sum	NA	0.24	0.6	NA	No	25H0656-01
POC-05	9/16/2025	Nitrate and Nitrite Sum	NA	<0.60	0.6	NA	No	25I0457-04
POC-05	10/29/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25J0817-02
POC-05	11/13/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25K0453-01
POC-05	12/16/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25L0490-06
POC-05	1/15/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26A0433-02
POC-05	2/16/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26B0497-04
POC-05	4/14/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26D0430-04
POC-05	7/22/2025	Nitrogen, Nitrate (As N)	mg/L	<0.50	0.5	NA	No	25G0696-05
POC-05	8/25/2025	Nitrogen, Nitrate (As N)	mg/L	0.24	0.5	NA	No	25H0656-01
POC-05	9/16/2025	Nitrogen, Nitrate (As N)	mg/L	<0.50	0.5	NA	No	25I0457-04
POC-05	10/29/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25J0817-02
POC-05	11/13/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25K0453-01
POC-05	12/16/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25L0490-06
POC-05	1/15/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26A0433-02
POC-05	2/16/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26B0497-04
POC-05	4/14/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26D0430-04
POC-05	7/22/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25G0696-05
POC-05	8/25/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25H0656-01
POC-05	9/16/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25I0457-04
POC-05	10/29/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25J0817-02
POC-05	11/13/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25K0453-01
POC-05	12/16/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25L0490-06
POC-05	1/15/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26A0433-02
POC-05	2/16/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26B0497-04
POC-05	4/14/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26D0430-04
POC-05	7/22/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25G0696-05
POC-05	8/25/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25H0656-01
POC-05	9/16/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25I0457-04
POC-05	10/29/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25J0817-02
POC-05	11/13/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25K0453-01
POC-05	12/16/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25L0490-06
POC-05	1/15/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26A0433-02
POC-05	2/16/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26B0497-04
POC-05	4/14/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26D0430-04
POC-05	7/22/2025	pH	s.u.	7.89	NA	NA	No	NA
POC-05	8/25/2025	pH	s.u.	7.91	NA	NA	No	NA
POC-05	9/16/2025	pH	s.u.	7.74	NA	NA	No	NA
POC-05	10/29/2025	pH	s.u.	7.56	NA	NA	No	NA
POC-05	11/12/2025	pH	s.u.	7.7	NA	NA	No	NA
POC-05	12/16/2025	pH	s.u.	7.48	NA	NA	No	NA
POC-05	1/15/2026	pH	s.u.	7.65	NA	NA	No	NA
POC-05	2/16/2026	pH	s.u.	7.85	NA	NA	No	NA
POC-05	4/14/2026	pH	s.u.	7.62	NA	NA	No	NA
POC-05	8/25/2025	pH (pH Units)	-	7.7	NA	NA	No	25H0656-01
POC-05	9/16/2025	pH (pH Units)	-	7.7	NA	NA	No	25I0457-04
POC-05	10/29/2025	pH (pH Units)	-	7.6	NA	NA	No	25J0817-02
POC-05	11/13/2025	pH (pH Units)	-	7.7	NA	NA	No	25K0453-01
POC-05	12/16/2025	pH (pH Units)	-	7.6	NA	NA	No	25L0490-06
POC-05	1/15/2026	pH (pH Units)	-	7.6	NA	NA	No	26A0433-02
POC-05	2/16/2026	pH (pH Units)	-	7.7	NA	NA	No	26B0497-04
POC-05	4/14/2026	pH (pH Units)	-	7.5	NA	NA	No	26D0430-04
POC-05	7/22/2025	Potassium	mg/L	3	5	NA	No	25G0696-05

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-05	8/25/2025	Potassium	mg/L	3.3	5	NA	No	25H0656-01
POC-05	9/16/2025	Potassium	mg/L	3.7	5	NA	No	25I0457-04
POC-05	10/29/2025	Potassium	mg/L	3.6	5	0.14	No	25J0817-02
POC-05	11/13/2025	Potassium	mg/L	4.1	5	0.14	No	25K0453-01
POC-05	12/16/2025	Potassium	mg/L	3.7	5	0.14	No	25L0490-06
POC-05	1/15/2026	Potassium	mg/L	3.9	5	0.14	No	26A0433-02
POC-05	2/16/2026	Potassium	mg/L	3.7	5	0.14	No	26B0497-04
POC-05	4/14/2026	Potassium	mg/L	3.8	5.6	0.16	No	26D0430-04
POC-05	7/22/2025	Selenium	mg/L	0.0011	0.0025	NA	No	25G0696-05
POC-05	8/25/2025	Selenium	mg/L	0.001	0.0025	NA	No	25H0656-01
POC-05	9/16/2025	Selenium	mg/L	0.0019	0.0025	NA	No	25I0457-04
POC-05	10/29/2025	Selenium	mg/L	0.0015	0.0025	0.00025	No	25J0817-02
POC-05	11/13/2025	Selenium	mg/L	<0.0025	0.025	0.0025	No	25K0453-01
POC-05	12/16/2025	Selenium	mg/L	0.00059	0.0025	0.00025	No	25L0490-06
POC-05	1/15/2026	Selenium	mg/L	0.0016	0.0025	0.00025	No	26A0433-02
POC-05	2/16/2026	Selenium	mg/L	0.00061	0.0025	0.00025	No	26B0497-04
POC-05	4/14/2026	Selenium	mg/L	0.00098	0.0025	0.00025	No	26D0430-04
POC-05	7/22/2025	Sodium	mg/L	53	5	NA	No	25G0696-05
POC-05	8/25/2025	Sodium	mg/L	49	5	NA	No	25H0656-01
POC-05	9/16/2025	Sodium	mg/L	54	5	NA	No	25I0457-04
POC-05	10/29/2025	Sodium	mg/L	50	5	0.58	No	25J0817-02
POC-05	11/13/2025	Sodium	mg/L	58	5	0.58	No	25K0453-01
POC-05	12/16/2025	Sodium	mg/L	52	5	0.58	No	25L0490-06
POC-05	1/15/2026	Sodium	mg/L	54	5	0.58	No	26A0433-02
POC-05	2/16/2026	Sodium	mg/L	50	5	0.58	No	26B0497-04
POC-05	4/14/2026	Sodium	mg/L	54	5.6	0.65	No	26D0430-04
POC-05	7/22/2025	Sulfate	mg/L	27	5	NA	No	25G0696-05
POC-05	8/25/2025	Sulfate	mg/L	25	5	NA	No	25H0656-01
POC-05	9/16/2025	Sulfate	mg/L	25	5	NA	No	25I0457-04
POC-05	10/29/2025	Sulfate	mg/L	24	5	2.8	No	25J0817-02
POC-05	11/13/2025	Sulfate	mg/L	23	5	2.8	No	25K0453-01
POC-05	12/16/2025	Sulfate	mg/L	23	5	2.8	No	25L0490-06
POC-05	1/15/2026	Sulfate	mg/L	23	5	2.8	No	26A0433-02
POC-05	2/16/2026	Sulfate	mg/L	22	5	2.8	No	26B0497-04
POC-05	4/14/2026	Sulfate	mg/L	23	5	2.8	No	26D0430-04
POC-05	7/22/2025	Field Temperature	°C	22.9	NA	NA	No	NA
POC-05	8/25/2025	Field Temperature	°C	28.4	NA	NA	No	NA
POC-05	9/16/2025	Field Temperature	°C	30.4	NA	NA	No	NA
POC-05	10/29/2025	Field Temperature	°C	23	NA	NA	No	NA
POC-05	11/12/2025	Field Temperature	°C	23.3	NA	NA	No	NA
POC-05	12/16/2025	Field Temperature	°C	22.5	NA	NA	No	NA
POC-05	1/15/2026	Field Temperature	°C	22.5	NA	NA	No	NA
POC-05	2/16/2026	Field Temperature	°C	20.8	NA	NA	No	NA
POC-05	4/14/2026	Field Temperature	°C	23.3	NA	NA	No	NA
POC-05	7/22/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25G0696-05
POC-05	8/25/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25H0656-01
POC-05	9/16/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25I0457-04
POC-05	10/29/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25J0817-02
POC-05	11/13/2025	Thallium	mg/L	<0.00023	0.005	0.00023	No	25K0453-01
POC-05	12/16/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25L0490-06
POC-05	1/15/2026	Thallium	mg/L	0.000024	0.0005	2.30E-05	No	26A0433-02
POC-05	2/16/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26B0497-04
POC-05	4/14/2026	Thallium	mg/L	0.000052	0.0005	2.30E-05	No	26D0430-04
POC-05	7/22/2025	Toluene	ug/L	<0.50	0.5	NA	No	25G0696-05
POC-05	8/25/2025	Toluene	ug/L	<0.50	0.5	NA	No	25H0656-01
POC-05	9/16/2025	Toluene	ug/L	<0.50	0.5	NA	No	25I0457-04
POC-05	10/29/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25J0817-02
POC-05	11/13/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25K0453-01
POC-05	12/16/2025	Toluene	ug/L	0.12	0.5	0.057	No	25L0490-06
POC-05	1/15/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26A0433-02
POC-05	2/16/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26B0497-04
POC-05	4/14/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26D0430-04

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-05	7/22/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	310	20	NA	No	25G0696-05
POC-05	8/25/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	320	20	NA	No	25H0656-01
POC-05	9/16/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	330	20	NA	No	25I0457-04
POC-05	10/29/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	320	20	20	No	25J0817-02
POC-05	11/13/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	320	20	20	No	25K0453-01
POC-05	12/16/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	330	20	20	No	25L0490-06
POC-05	1/15/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	330	20	20	No	26A0433-02
POC-05	2/16/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	330	20	20	No	26B0497-04
POC-05	4/14/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	330	20	20	No	26D0430-04
POC-05	7/23/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25G0696-05
POC-05	8/25/2025	Total Radium	pCi/L	0.8	NA	NA	No	25H0656-01
POC-05	9/16/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25I0457-04
POC-05	10/29/2025	Total Radium	pCi/L	0.6	NA	NA	No	25J0817-02
POC-05	11/13/2025	Total Radium	pCi/L	<0.9	NA	NA	No	25K0453-01
POC-05	12/16/2025	Total Radium	pCi/L	<0.7	NA	NA	No	25L0490-06
POC-05	1/15/2026	Total Radium	pCi/L	1.2	NA	NA	No	26A0433-02
POC-05	2/16/2026	Total Radium	pCi/L	<0.7	NA	NA	No	26B0497-04
POC-05	4/14/2026	Total Radium	pCi/L	0.9	NA	NA	No	26D0430-04
POC-05	7/22/2025	Uranium	mg/L	0.024	0.0005	NA	No	25G0696-05
POC-05	8/25/2025	Uranium	mg/L	0.017	0.005	NA	YES	25H0656-01
POC-05	9/16/2025	Uranium	mg/L	0.024	0.00056	NA	No	25I0457-04
POC-05	10/29/2025	Uranium	mg/L	0.023	0.0005	1.50E-05	No	25J0817-02
POC-05	11/13/2025	Uranium	mg/L	0.03	0.0056	0.00016	No	25K0453-01
POC-05	12/16/2025	Uranium	mg/L	0.028	0.00056	1.60E-05	No	25L0490-06
POC-05	1/15/2026	Uranium	mg/L	0.027	0.00056	1.60E-05	No	26A0433-02
POC-05	2/16/2026	Uranium	mg/L	0.032	0.00056	1.60E-05	No	26B0497-04
POC-05	4/14/2026	Uranium	mg/L	0.026	0.00056	1.60E-05	No	26D0430-04
POC-05	7/23/2025	Uranium Total Activity	pCi/L	21.8	NA	NA	No	25G0696-05
POC-05	8/25/2025	Uranium Total Activity	pCi/L	17.2	NA	NA	No	25H0656-01
POC-05	9/16/2025	Uranium Total Activity	pCi/L	20.6	NA	NA	No	25I0457-04
POC-05	10/29/2025	Uranium Total Activity	pCi/L	18.4	NA	NA	No	25J0817-02
POC-05	11/13/2025	Uranium Total Activity	pCi/L	22.1	NA	NA	No	25K0453-01
POC-05	12/16/2025	Uranium Total Activity	pCi/L	22	NA	NA	No	25L0490-06
POC-05	1/15/2026	Uranium Total Activity	pCi/L	17.4	NA	NA	No	26A0433-02
POC-05	2/16/2026	Uranium Total Activity	pCi/L	18.6	NA	NA	No	26B0497-04
POC-05	4/14/2026	Uranium Total Activity	pCi/L	22.4	NA	NA	No	26D0430-04
POC-05	7/23/2025	Uranium Total Content	ug/L	20.9	NA	NA	No	25G0696-05
POC-05	8/25/2025	Uranium Total Content	ug/L	17.4	NA	NA	No	25H0656-01
POC-05	9/16/2025	Uranium Total Content	ug/L	20.9	NA	NA	No	25I0457-04
POC-05	10/29/2025	Uranium Total Content	ug/L	20.4	NA	NA	No	25J0817-02
POC-05	11/13/2025	Uranium Total Content	ug/L	28.6	NA	NA	No	25K0453-01
POC-05	12/16/2025	Uranium Total Content	ug/L	23.8	NA	NA	No	25L0490-06
POC-05	1/15/2026	Uranium Total Content	ug/L	21	NA	NA	No	26A0433-02
POC-05	2/16/2026	Uranium Total Content	ug/L	21.5	NA	NA	No	26B0497-04
POC-05	4/14/2026	Uranium Total Content	ug/L	26.6	NA	NA	No	26D0430-04
POC-05	7/22/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25G0696-05
POC-05	8/25/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25H0656-01
POC-05	9/16/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25I0457-04
POC-05	10/29/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25J0817-02
POC-05	11/13/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25K0453-01
POC-05	12/16/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25L0490-06
POC-05	1/15/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26A0433-02
POC-05	2/16/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26B0497-04
POC-05	4/14/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26D0430-04
POC-05	7/22/2025	Zinc	mg/L	0.014	0.04	NA	No	25G0696-05
POC-05	8/25/2025	Zinc	mg/L	0.016	0.04	NA	No	25H0656-01
POC-05	9/16/2025	Zinc	mg/L	0.0029	0.04	NA	No	25I0457-04
POC-05	10/29/2025	Zinc	mg/L	0.0025	0.04	0.0023	No	25J0817-02
POC-05	11/13/2025	Zinc	mg/L	0.06	0.4	0.023	No	25K0453-01
POC-05	12/16/2025	Zinc	mg/L	<0.0023	0.04	0.0023	No	25L0490-06
POC-05	1/15/2026	Zinc	mg/L	<0.0023	0.04	0.0023	No	26A0433-02
POC-05	2/16/2026	Zinc	mg/L	<0.011	0.2	0.011	No	26B0497-04

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-05	4/14/2026	Zinc	mg/L	<0.0023	0.04	0.0023	No	26D0430-04
POC-06	7/23/2025	Adjusted Gross Alpha	pCi/L	1.7	NA	NA	No	25G0696-04
POC-06	8/25/2025	Adjusted Gross Alpha	pCi/L	1	NA	NA	No	25H0656-02
POC-06	9/17/2025	Adjusted Gross Alpha	pCi/L	2.2	NA	NA	No	25I0414-06
POC-06	10/15/2025	Adjusted Gross Alpha	pCi/L	1.3	NA	NA	No	25J0484-04
POC-06	11/13/2025	Adjusted Gross Alpha	pCi/L	3.1	NA	NA	No	25K0453-02
POC-06	12/16/2025	Adjusted Gross Alpha	pCi/L	2.7	NA	NA	No	25L0490-05
POC-06	1/15/2026	Adjusted Gross Alpha	pCi/L	0.4	NA	NA	No	26A0433-03
POC-06	2/12/2026	Adjusted Gross Alpha	pCi/L	3.6	NA	NA	No	26B0429-06
POC-06	4/14/2026	Adjusted Gross Alpha	pCi/L	<1	NA	NA	No	26D0430-05
POC-06	7/22/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	180	2	NA	No	25G0696-04
POC-06	8/25/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	170	2	NA	No	25H0656-02
POC-06	9/15/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	NA	No	25I0414-06
POC-06	10/15/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	2	No	25J0484-04
POC-06	11/13/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	2	No	25K0453-02
POC-06	12/16/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	2	No	25L0490-05
POC-06	1/15/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	2	No	26A0433-03
POC-06	2/12/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	2	No	26B0429-06
POC-06	4/14/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	2	No	26D0430-05
POC-06	7/22/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-04
POC-06	8/25/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25H0656-02
POC-06	9/15/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25I0414-06
POC-06	10/15/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25J0484-04
POC-06	11/13/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25K0453-02
POC-06	12/16/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25L0490-05
POC-06	1/15/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26A0433-03
POC-06	2/12/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26B0429-06
POC-06	4/14/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26D0430-05
POC-06	7/22/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-04
POC-06	8/25/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25H0656-02
POC-06	9/15/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25I0414-06
POC-06	10/15/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25J0484-04
POC-06	11/13/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25K0453-02
POC-06	12/16/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25L0490-05
POC-06	1/15/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26A0433-03
POC-06	2/12/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26B0429-06
POC-06	4/14/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26D0430-05
POC-06	7/22/2025	Alkalinity, Total (As CaCO3)	mg/L	180	2	NA	No	25G0696-04
POC-06	8/25/2025	Alkalinity, Total (As CaCO3)	mg/L	170	2	NA	No	25H0656-02
POC-06	9/15/2025	Alkalinity, Total (As CaCO3)	mg/L	190	2	NA	No	25I0414-06
POC-06	10/15/2025	Alkalinity, Total (As CaCO3)	mg/L	190	2	2	No	25J0484-04
POC-06	11/13/2025	Alkalinity, Total (As CaCO3)	mg/L	190	2	2	No	25K0453-02
POC-06	12/16/2025	Alkalinity, Total (As CaCO3)	mg/L	190	2	2	No	25L0490-05
POC-06	1/15/2026	Alkalinity, Total (As CaCO3)	mg/L	190	2	2	No	26A0433-03
POC-06	2/12/2026	Alkalinity, Total (As CaCO3)	mg/L	190	2	2	No	26B0429-06
POC-06	4/14/2026	Alkalinity, Total (As CaCO3)	mg/L	190	2	2	No	26D0430-05
POC-06	7/22/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25G0696-04
POC-06	8/25/2025	Aluminum	mg/L	0.015	0.04	NA	No	25H0656-02
POC-06	9/15/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25I0414-06
POC-06	10/15/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25J0484-04
POC-06	11/13/2025	Aluminum	mg/L	<0.13	0.4	0.13	No	25K0453-02
POC-06	12/16/2025	Aluminum	mg/L	0.02	0.04	0.013	No	25L0490-05
POC-06	1/15/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26A0433-03
POC-06	2/12/2026	Aluminum	mg/L	<0.066	0.2	0.066	No	26B0429-06
POC-06	4/14/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26D0430-05
POC-06	7/22/2025	Antimony	mg/L	0.00066	0.0005	NA	No	25G0696-04
POC-06	8/25/2025	Antimony	mg/L	0.0021	0.0005	NA	No	25H0656-02
POC-06	9/15/2025	Antimony	mg/L	0.0023	0.0005	NA	No	25I0414-06
POC-06	10/15/2025	Antimony	mg/L	0.003	0.0005	3.90E-05	No	25J0484-04
POC-06	11/13/2025	Antimony	mg/L	0.004	0.005	0.00039	No	25K0453-02
POC-06	12/16/2025	Antimony	mg/L	0.0033	0.0005	3.90E-05	No	25L0490-05
POC-06	1/15/2026	Antimony	mg/L	0.0033	0.0005	3.90E-05	No	26A0433-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-06	2/12/2026	Antimony	mg/L	0.0028	0.0005	3.90E-05	No	26B0429-06
POC-06	4/14/2026	Antimony	mg/L	0.0017	0.0005	3.90E-05	No	26D0430-05
POC-06	7/22/2025	Arsenic	mg/L	0.0029	0.0005	NA	No	25G0696-04
POC-06	8/25/2025	Arsenic	mg/L	0.0031	0.0005	NA	No	25H0656-02
POC-06	9/15/2025	Arsenic	mg/L	0.0029	0.0005	NA	No	25I0414-06
POC-06	10/15/2025	Arsenic	mg/L	0.0027	0.0005	0.0001	No	25J0484-04
POC-06	11/13/2025	Arsenic	mg/L	0.0035	0.005	0.001	No	25K0453-02
POC-06	12/16/2025	Arsenic	mg/L	0.0026	0.0005	0.0001	No	25L0490-05
POC-06	1/15/2026	Arsenic	mg/L	0.003	0.0005	0.0001	No	26A0433-03
POC-06	2/12/2026	Arsenic	mg/L	0.003	0.0005	0.0001	No	26B0429-06
POC-06	4/14/2026	Arsenic	mg/L	0.003	0.0005	0.0001	No	26D0430-05
POC-06	7/22/2025	Barium	mg/L	0.039	0.0005	NA	No	25G0696-04
POC-06	8/25/2025	Barium	mg/L	0.063	0.0005	NA	No	25H0656-02
POC-06	9/15/2025	Barium	mg/L	0.057	0.0005	NA	No	25I0414-06
POC-06	10/15/2025	Barium	mg/L	0.061	0.0005	2.90E-05	No	25J0484-04
POC-06	11/13/2025	Barium	mg/L	0.067	0.005	0.00029	No	25K0453-02
POC-06	12/16/2025	Barium	mg/L	0.06	0.0005	2.90E-05	No	25L0490-05
POC-06	1/15/2026	Barium	mg/L	0.061	0.0005	2.90E-05	No	26A0433-03
POC-06	2/12/2026	Barium	mg/L	0.067	0.0005	2.90E-05	No	26B0429-06
POC-06	4/14/2026	Barium	mg/L	0.059	0.0005	2.90E-05	No	26D0430-05
POC-06	7/22/2025	Benzene	ug/L	<0.50	0.5	NA	No	25G0696-04
POC-06	8/25/2025	Benzene	ug/L	<0.50	0.5	NA	No	25H0656-02
POC-06	9/15/2025	Benzene	ug/L	<0.50	0.5	NA	No	25I0414-06
POC-06	10/15/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25J0484-04
POC-06	11/13/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25K0453-02
POC-06	12/16/2025	Benzene	ug/L	0.32	0.5	0.063	No	25L0490-05
POC-06	1/15/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26A0433-03
POC-06	2/12/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26B0429-06
POC-06	4/14/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26D0430-05
POC-06	7/22/2025	Beryllium	mg/L	0.000089	0.00025	NA	No	25G0696-04
POC-06	8/25/2025	Beryllium	mg/L	0.00013	0.00025	NA	No	25H0656-02
POC-06	9/15/2025	Beryllium	mg/L	<0.00025	0.00025	NA	No	25I0414-06
POC-06	10/15/2025	Beryllium	mg/L	<0.000013	0.00025	1.30E-05	No	25J0484-04
POC-06	11/13/2025	Beryllium	mg/L	0.00032	0.0025	0.00013	No	25K0453-02
POC-06	12/16/2025	Beryllium	mg/L	0.000037	0.00025	1.30E-05	No	25L0490-05
POC-06	1/15/2026	Beryllium	mg/L	0.000025	0.00025	1.30E-05	No	26A0433-03
POC-06	2/12/2026	Beryllium	mg/L	<0.000066	0.0013	6.60E-05	No	26B0429-06
POC-06	4/14/2026	Beryllium	mg/L	0.000023	0.00025	1.30E-05	No	26D0430-05
POC-06	7/22/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25G0696-04
POC-06	8/25/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25H0656-02
POC-06	9/15/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25I0414-06
POC-06	10/15/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25J0484-04
POC-06	11/13/2025	Cadmium	mg/L	<0.00050	0.0025	0.0005	No	25K0453-02
POC-06	12/16/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25L0490-05
POC-06	1/15/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26A0433-03
POC-06	2/12/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26B0429-06
POC-06	4/14/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26D0430-05
POC-06	7/22/2025	Calcium	mg/L	37	4	NA	No	25G0696-04
POC-06	8/25/2025	Calcium	mg/L	51	4	NA	No	25H0656-02
POC-06	9/15/2025	Calcium	mg/L	62	4	NA	No	25I0414-06
POC-06	10/15/2025	Calcium	mg/L	63	4	0.13	No	25J0484-04
POC-06	11/13/2025	Calcium	mg/L	71	4	0.13	No	25K0453-02
POC-06	12/16/2025	Calcium	mg/L	64	4	0.13	No	25L0490-05
POC-06	1/15/2026	Calcium	mg/L	67	4	0.13	No	26A0433-03
POC-06	2/12/2026	Calcium	mg/L	68	4	0.13	No	26B0429-06
POC-06	4/14/2026	Calcium	mg/L	76	4.4	0.14	No	26D0430-05
POC-06	7/22/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25G0696-04
POC-06	8/25/2025	Carbon disulfide	ug/L	0.72	2	NA	No	25H0656-02
POC-06	9/15/2025	Carbon disulfide	ug/L	0.31	2	NA	No	25I0414-06
POC-06	10/15/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25J0484-04
POC-06	11/13/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25K0453-02
POC-06	12/16/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25L0490-05

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-06	1/15/2026	Carbon disulfide	ug/L	1.4	2	0.11	No	26A0433-03
POC-06	2/12/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26B0429-06
POC-06	4/14/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26D0430-05
POC-06	7/22/2025	Chloride	mg/L	19	1	NA	No	25G0696-04
POC-06	8/25/2025	Chloride	mg/L	30	5	NA	No	25H0656-02
POC-06	9/15/2025	Chloride	mg/L	36	5	NA	No	25I0414-06
POC-06	10/15/2025	Chloride	mg/L	35	5	3.8	No	25J0484-04
POC-06	11/13/2025	Chloride	mg/L	40	2	1.5	No	25K0453-02
POC-06	12/16/2025	Chloride	mg/L	42	2	1.5	No	25L0490-05
POC-06	1/15/2026	Chloride	mg/L	41	5	3.8	No	26A0433-03
POC-06	2/12/2026	Chloride	mg/L	43	5	3.8	No	26B0429-06
POC-06	4/14/2026	Chloride	mg/L	44	5	3.8	No	26D0430-05
POC-06	7/22/2025	Chromium	mg/L	0.00087	0.0005	NA	No	25G0696-04
POC-06	8/25/2025	Chromium	mg/L	0.0003	0.0005	NA	No	25H0656-02
POC-06	9/15/2025	Chromium	mg/L	0.0012	0.0005	NA	No	25I0414-06
POC-06	10/15/2025	Chromium	mg/L	0.00036	0.0005	2.30E-05	No	25J0484-04
POC-06	11/13/2025	Chromium	mg/L	0.00053	0.005	0.00023	No	25K0453-02
POC-06	12/16/2025	Chromium	mg/L	0.00058	0.0005	2.30E-05	No	25L0490-05
POC-06	1/15/2026	Chromium	mg/L	0.00076	0.0005	2.30E-05	No	26A0433-03
POC-06	2/12/2026	Chromium	mg/L	<0.00012	0.0025	0.00012	No	26B0429-06
POC-06	4/14/2026	Chromium	mg/L	0.00016	0.0005	2.30E-05	No	26D0430-05
POC-06	7/22/2025	Cobalt	mg/L	0.000084	0.00025	NA	No	25G0696-04
POC-06	8/25/2025	Cobalt	mg/L	0.00013	0.00025	NA	No	25H0656-02
POC-06	9/15/2025	Cobalt	mg/L	0.00012	0.00025	NA	No	25I0414-06
POC-06	10/15/2025	Cobalt	mg/L	0.00012	0.00025	1.00E-05	No	25J0484-04
POC-06	11/13/2025	Cobalt	mg/L	0.00073	0.0025	0.0001	No	25K0453-02
POC-06	12/16/2025	Cobalt	mg/L	0.00015	0.00025	1.00E-05	No	25L0490-05
POC-06	1/15/2026	Cobalt	mg/L	0.00007	0.00025	1.00E-05	No	26A0433-03
POC-06	2/12/2026	Cobalt	mg/L	<0.000052	0.0013	5.20E-05	No	26B0429-06
POC-06	4/14/2026	Cobalt	mg/L	0.00008	0.00025	1.00E-05	No	26D0430-05
POC-06	10/15/2025	Conductivity	Âµmhos/cm	680	0.1	NA	No	25J0484-04
POC-06	7/22/2025	Conductivity	mhos/cm	470.4	NA	NA	No	NA
POC-06	8/25/2025	Conductivity	mhos/cm	597.1	NA	NA	No	NA
POC-06	9/15/2025	Conductivity	mhos/cm	600.04	NA	NA	No	NA
POC-06	10/15/2025	Conductivity	mhos/cm	659	NA	NA	No	NA
POC-06	11/13/2025	Conductivity	mhos/cm	673.6	NA	NA	No	NA
POC-06	12/16/2025	Conductivity	mhos/cm	683.2	NA	NA	No	NA
POC-06	1/15/2026	Conductivity	mhos/cm	684.1	NA	NA	No	NA
POC-06	2/12/2026	Conductivity	mhos/cm	692	NA	NA	No	NA
POC-06	4/14/2026	Conductivity	mhos/cm	732.2	NA	NA	No	NA
POC-06	7/22/2025	Copper	mg/L	0.0015	0.0005	NA	No	25G0696-04
POC-06	8/25/2025	Copper	mg/L	0.003	0.0005	NA	No	25H0656-02
POC-06	9/15/2025	Copper	mg/L	0.0018	0.0005	NA	No	25I0414-06
POC-06	10/15/2025	Copper	mg/L	0.0023	0.0005	0.00015	No	25J0484-04
POC-06	11/13/2025	Copper	mg/L	0.0078	0.005	0.0015	No	25K0453-02
POC-06	12/16/2025	Copper	mg/L	0.0032	0.0005	0.00015	No	25L0490-05
POC-06	1/15/2026	Copper	mg/L	0.0021	0.0005	0.00015	No	26A0433-03
POC-06	2/12/2026	Copper	mg/L	0.00088	0.0025	0.00077	No	26B0429-06
POC-06	4/14/2026	Copper	mg/L	0.0015	0.0005	0.00015	No	26D0430-05
POC-06	7/22/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25G0696-04
POC-06	8/25/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25H0656-02
POC-06	9/15/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25I0414-06
POC-06	10/15/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25J0484-04
POC-06	11/13/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25K0453-02
POC-06	12/16/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25L0490-05
POC-06	1/15/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26A0433-03
POC-06	2/12/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26B0429-06
POC-06	4/14/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26D0430-05
POC-06	7/22/2025	DTW	ft	180.9	NA	NA	No	NA
POC-06	8/25/2025	DTW	ft	105.3	NA	NA	No	NA
POC-06	9/15/2025	DTW	ft	104.1	NA	NA	No	NA
POC-06	10/15/2025	DTW	ft	103.9	NA	NA	No	NA

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-06	11/13/2025	DTW	ft	103.9	NA	NA	No	NA
POC-06	12/16/2025	DTW	ft	103.8	NA	NA	No	NA
POC-06	1/15/2026	DTW	ft	103.7	NA	NA	No	NA
POC-06	2/12/2026	DTW	ft	103.6	NA	NA	No	NA
POC-06	4/14/2026	DTW	ft	103.4	NA	NA	No	NA
POC-06	7/22/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25G0696-04
POC-06	8/25/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25H0656-02
POC-06	9/15/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25I0414-06
POC-06	10/15/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25J0484-04
POC-06	11/13/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25K0453-02
POC-06	12/16/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25L0490-05
POC-06	1/15/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26A0433-03
POC-06	2/12/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26B0429-06
POC-06	4/14/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26D0430-05
POC-06	7/22/2025	Fluoride	mg/L	2.8	0.5	NA	No	25G0696-04
POC-06	8/25/2025	Fluoride	mg/L	2.6	0.5	NA	No	25H0656-02
POC-06	9/15/2025	Fluoride	mg/L	3.1	0.5	NA	No	25I0414-06
POC-06	10/15/2025	Fluoride	mg/L	2.7	0.5	0.18	No	25J0484-04
POC-06	11/13/2025	Fluoride	mg/L	2.8	1	0.36	No	25K0453-02
POC-06	12/16/2025	Fluoride	mg/L	2.4	0.5	0.18	No	25L0490-05
POC-06	1/15/2026	Fluoride	mg/L	2.8	0.5	0.18	No	26A0433-03
POC-06	2/12/2026	Fluoride	mg/L	2.9	0.5	0.18	No	26B0429-06
POC-06	4/14/2026	Fluoride	mg/L	2.9	0.5	0.18	No	26D0430-05
POC-06	7/23/2025	Gross Alpha Activity	pCi/L	10.4	NA	NA	No	25G0696-04
POC-06	8/25/2025	Gross Alpha Activity	pCi/L	8.1	NA	NA	No	25H0656-02
POC-06	9/17/2025	Gross Alpha Activity	pCi/L	12.2	NA	NA	No	25I0414-06
POC-06	10/15/2025	Gross Alpha Activity	pCi/L	11.7	NA	NA	No	25J0484-04
POC-06	11/13/2025	Gross Alpha Activity	pCi/L	14.4	NA	NA	No	25K0453-02
POC-06	12/16/2025	Gross Alpha Activity	pCi/L	14.2	NA	NA	No	25L0490-05
POC-06	1/15/2026	Gross Alpha Activity	pCi/L	14.7	NA	NA	No	26A0433-03
POC-06	2/12/2026	Gross Alpha Activity	pCi/L	15.5	NA	NA	No	26B0429-06
POC-06	4/14/2026	Gross Alpha Activity	pCi/L	15.8	NA	NA	No	26D0430-05
POC-06	7/22/2025	Iron	mg/L	0.033	0.3	NA	No	25G0696-04
POC-06	8/25/2025	Iron	mg/L	0.042	0.33	NA	No	25H0656-02
POC-06	9/15/2025	Iron	mg/L	<0.30	0.3	NA	No	25I0414-06
POC-06	10/15/2025	Iron	mg/L	<0.022	0.33	0.022	No	25J0484-04
POC-06	11/13/2025	Iron	mg/L	<0.020	0.3	0.02	No	25K0453-02
POC-06	12/16/2025	Iron	mg/L	<0.022	0.33	0.022	No	25L0490-05
POC-06	1/15/2026	Iron	mg/L	<0.022	0.33	0.022	No	26A0433-03
POC-06	2/12/2026	Iron	mg/L	<0.020	0.3	0.02	No	26B0429-06
POC-06	4/14/2026	Iron	mg/L	<0.020	0.3	0.02	No	26D0430-05
POC-06	7/22/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25G0696-04
POC-06	8/25/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25H0656-02
POC-06	9/15/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25I0414-06
POC-06	10/15/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25J0484-04
POC-06	11/13/2025	Lead	mg/L	<0.00057	0.005	0.00057	No	25K0453-02
POC-06	12/16/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25L0490-05
POC-06	1/15/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26A0433-03
POC-06	2/12/2026	Lead	mg/L	0.00024	0.0005	5.70E-05	No	26B0429-06
POC-06	4/14/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26D0430-05
POC-06	7/22/2025	Magnesium	mg/L	11	3	NA	No	25G0696-04
POC-06	8/25/2025	Magnesium	mg/L	14	3	NA	No	25H0656-02
POC-06	9/15/2025	Magnesium	mg/L	17	3	NA	No	25I0414-06
POC-06	10/15/2025	Magnesium	mg/L	17	3	0.1	No	25J0484-04
POC-06	11/13/2025	Magnesium	mg/L	19	3	0.1	No	25K0453-02
POC-06	12/16/2025	Magnesium	mg/L	17	3	0.1	No	25L0490-05
POC-06	1/15/2026	Magnesium	mg/L	18	3	0.1	No	26A0433-03
POC-06	2/12/2026	Magnesium	mg/L	18	3	0.1	No	26B0429-06
POC-06	4/14/2026	Magnesium	mg/L	20	3.3	0.12	No	26D0430-05
POC-06	7/22/2025	Manganese	mg/L	0.022	0.00025	NA	No	25G0696-04
POC-06	8/25/2025	Manganese	mg/L	0.013	0.00025	NA	No	25H0656-02
POC-06	9/15/2025	Manganese	mg/L	0.0045	0.00025	NA	No	25I0414-06

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-06	10/15/2025	Manganese	mg/L	0.0018	0.00025	3.80E-05	No	25J0484-04
POC-06	11/13/2025	Manganese	mg/L	0.021	0.0025	0.00038	No	25K0453-02
POC-06	12/16/2025	Manganese	mg/L	0.0055	0.00025	3.80E-05	No	25L0490-05
POC-06	1/15/2026	Manganese	mg/L	0.0015	0.00025	3.80E-05	No	26A0433-03
POC-06	2/12/2026	Manganese	mg/L	0.0045	0.0013	0.00019	No	26B0429-06
POC-06	4/14/2026	Manganese	mg/L	0.0084	0.00025	3.80E-05	No	26D0430-05
POC-06	7/22/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25G0696-04
POC-06	8/25/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25H0656-02
POC-06	9/15/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25I0414-06
POC-06	10/15/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25J0484-04
POC-06	11/13/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25K0453-02
POC-06	12/16/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25L0490-05
POC-06	1/15/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26A0433-03
POC-06	2/12/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26B0429-06
POC-06	4/14/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26D0430-05
POC-06	7/22/2025	Molybdenum	mg/L	0.11	0.00025	NA	No	25G0696-04
POC-06	8/25/2025	Molybdenum	mg/L	0.14	0.00025	NA	No	25H0656-02
POC-06	9/15/2025	Molybdenum	mg/L	0.12	0.00025	NA	No	25I0414-06
POC-06	10/15/2025	Molybdenum	mg/L	0.13	0.00025	2.50E-05	No	25J0484-04
POC-06	11/13/2025	Molybdenum	mg/L	0.13	0.0025	0.00025	No	25K0453-02
POC-06	12/16/2025	Molybdenum	mg/L	0.13	0.00025	2.50E-05	No	25L0490-05
POC-06	1/15/2026	Molybdenum	mg/L	0.13	0.00025	2.50E-05	No	26A0433-03
POC-06	2/12/2026	Molybdenum	mg/L	0.13	0.00025	2.50E-05	No	26B0429-06
POC-06	4/14/2026	Molybdenum	mg/L	0.11	0.00025	2.50E-05	No	26D0430-05
POC-06	7/22/2025	Nickel	mg/L	0.00083	0.0005	NA	No	25G0696-04
POC-06	8/25/2025	Nickel	mg/L	0.0018	0.0005	NA	No	25H0656-02
POC-06	9/15/2025	Nickel	mg/L	0.0017	0.0005	NA	No	25I0414-06
POC-06	10/15/2025	Nickel	mg/L	0.0014	0.0005	1.50E-05	No	25J0484-04
POC-06	11/13/2025	Nickel	mg/L	0.0038	0.005	0.00015	No	25K0453-02
POC-06	12/16/2025	Nickel	mg/L	0.0017	0.0005	1.50E-05	No	25L0490-05
POC-06	1/15/2026	Nickel	mg/L	0.0013	0.0005	1.50E-05	No	26A0433-03
POC-06	2/12/2026	Nickel	mg/L	0.0053	0.0025	7.60E-05	No	26B0429-06
POC-06	4/14/2026	Nickel	mg/L	0.0012	0.0005	1.50E-05	No	26D0430-05
POC-06	7/22/2025	Nitrate and Nitrite Sum	NA	<0.60	0.6	NA	No	25G0696-04
POC-06	8/25/2025	Nitrate and Nitrite Sum	NA	0.22	0.6	NA	No	25H0656-02
POC-06	9/15/2025	Nitrate and Nitrite Sum	NA	<0.60	0.6	NA	No	25I0414-06
POC-06	10/15/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25J0484-04
POC-06	11/13/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25K0453-02
POC-06	12/16/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25L0490-05
POC-06	1/15/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26A0433-03
POC-06	2/12/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26B0429-06
POC-06	4/14/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26D0430-05
POC-06	7/22/2025	Nitrogen, Nitrate (As N)	mg/L	<0.50	0.5	NA	No	25G0696-04
POC-06	8/25/2025	Nitrogen, Nitrate (As N)	mg/L	0.22	0.5	NA	No	25H0656-02
POC-06	9/15/2025	Nitrogen, Nitrate (As N)	mg/L	<0.50	0.5	NA	No	25I0414-06
POC-06	10/15/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25J0484-04
POC-06	11/13/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25K0453-02
POC-06	12/16/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25L0490-05
POC-06	1/15/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26A0433-03
POC-06	2/12/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26B0429-06
POC-06	4/14/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26D0430-05
POC-06	7/22/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25G0696-04
POC-06	8/25/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25H0656-02
POC-06	9/15/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25I0414-06
POC-06	10/15/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25J0484-04
POC-06	11/13/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25K0453-02
POC-06	12/16/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25L0490-05
POC-06	1/15/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26A0433-03
POC-06	2/12/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26B0429-06
POC-06	4/14/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26D0430-05
POC-06	7/22/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25G0696-04
POC-06	8/25/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25H0656-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-06	9/15/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25I0414-06
POC-06	10/15/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25J0484-04
POC-06	11/13/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25K0453-02
POC-06	12/16/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25L0490-05
POC-06	1/15/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26A0433-03
POC-06	2/12/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26B0429-06
POC-06	4/14/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26D0430-05
POC-06	7/22/2025	pH	s.u.	8.08	NA	NA	No	NA
POC-06	8/25/2025	pH	s.u.	7.64	NA	NA	No	NA
POC-06	9/15/2025	pH	s.u.	7.92	NA	NA	No	NA
POC-06	10/15/2025	pH	s.u.	7.76	NA	NA	No	NA
POC-06	11/13/2025	pH	s.u.	7.68	NA	NA	No	NA
POC-06	12/16/2025	pH	s.u.	7.33	NA	NA	No	NA
POC-06	1/15/2026	pH	s.u.	7.61	NA	NA	No	NA
POC-06	2/12/2026	pH	s.u.	7.36	NA	NA	No	NA
POC-06	4/14/2026	pH	s.u.	7.52	NA	NA	No	NA
POC-06	8/25/2025	pH (pH Units)	-	7.7	NA	NA	No	25H0656-02
POC-06	9/15/2025	pH (pH Units)	-	7.6	NA	NA	No	25I0414-06
POC-06	10/15/2025	pH (pH Units)	-	7.4	NA	NA	No	25J0484-04
POC-06	11/13/2025	pH (pH Units)	-	7.8	NA	NA	No	25K0453-02
POC-06	12/16/2025	pH (pH Units)	-	7.6	NA	NA	No	25L0490-05
POC-06	1/15/2026	pH (pH Units)	-	7.5	NA	NA	No	26A0433-03
POC-06	2/12/2026	pH (pH Units)	-	7.6	NA	NA	No	26B0429-06
POC-06	4/14/2026	pH (pH Units)	-	7.4	NA	NA	No	26D0430-05
POC-06	7/22/2025	Potassium	mg/L	2.3	5	NA	No	25G0696-04
POC-06	8/25/2025	Potassium	mg/L	4.6	5	NA	No	25H0656-02
POC-06	9/15/2025	Potassium	mg/L	4.8	5	NA	No	25I0414-06
POC-06	10/15/2025	Potassium	mg/L	4.8	5	0.14	No	25J0484-04
POC-06	11/13/2025	Potassium	mg/L	5.2	5	0.14	No	25K0453-02
POC-06	12/16/2025	Potassium	mg/L	4.7	5	0.14	No	25L0490-05
POC-06	1/15/2026	Potassium	mg/L	4.9	5	0.14	No	26A0433-03
POC-06	2/12/2026	Potassium	mg/L	4.6	5	0.14	No	26B0429-06
POC-06	4/14/2026	Potassium	mg/L	4.8	5.6	0.16	No	26D0430-05
POC-06	7/22/2025	Selenium	mg/L	0.00065	0.0025	NA	No	25G0696-04
POC-06	8/25/2025	Selenium	mg/L	0.0013	0.0025	NA	No	25H0656-02
POC-06	9/15/2025	Selenium	mg/L	0.0012	0.0025	NA	No	25I0414-06
POC-06	10/15/2025	Selenium	mg/L	0.0013	0.0025	0.00025	No	25J0484-04
POC-06	11/13/2025	Selenium	mg/L	0.0032	0.025	0.0025	No	25K0453-02
POC-06	12/16/2025	Selenium	mg/L	0.00098	0.0025	0.00025	No	25L0490-05
POC-06	1/15/2026	Selenium	mg/L	0.0012	0.0025	0.00025	No	26A0433-03
POC-06	2/12/2026	Selenium	mg/L	0.0011	0.0025	0.00025	No	26B0429-06
POC-06	4/14/2026	Selenium	mg/L	0.0011	0.0025	0.00025	No	26D0430-05
POC-06	7/22/2025	Sodium	mg/L	41	5	NA	No	25G0696-04
POC-06	8/25/2025	Sodium	mg/L	41	5	NA	No	25H0656-02
POC-06	9/15/2025	Sodium	mg/L	44	5	NA	No	25I0414-06
POC-06	10/15/2025	Sodium	mg/L	43	5	0.58	No	25J0484-04
POC-06	11/13/2025	Sodium	mg/L	50	5	0.58	No	25K0453-02
POC-06	12/16/2025	Sodium	mg/L	46	5	0.58	No	25L0490-05
POC-06	1/15/2026	Sodium	mg/L	46	5	0.58	No	26A0433-03
POC-06	2/12/2026	Sodium	mg/L	45	5	0.58	No	26B0429-06
POC-06	4/14/2026	Sodium	mg/L	50	5.6	0.65	No	26D0430-05
POC-06	7/22/2025	Sulfate	mg/L	37	5	NA	No	25G0696-04
POC-06	8/25/2025	Sulfate	mg/L	83	5	NA	No	25H0656-02
POC-06	9/15/2025	Sulfate	mg/L	97	5	NA	No	25I0414-06
POC-06	10/15/2025	Sulfate	mg/L	99	25	14	No	25J0484-04
POC-06	11/13/2025	Sulfate	mg/L	100	10	5.6	No	25K0453-02
POC-06	12/16/2025	Sulfate	mg/L	110	10	5.6	No	25L0490-05
POC-06	1/15/2026	Sulfate	mg/L	120	25	14	No	26A0433-03
POC-06	2/12/2026	Sulfate	mg/L	120	25	14	No	26B0429-06
POC-06	4/14/2026	Sulfate	mg/L	120	25	14	No	26D0430-05
POC-06	7/22/2025	Field Temperature	°C	23.6	NA	NA	No	NA
POC-06	8/25/2025	Field Temperature	°C	25.1	NA	NA	No	NA

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-06	9/15/2025	Field Temperature	°C	27.8	NA	NA	No	NA
POC-06	10/15/2025	Field Temperature	°C	23.2	NA	NA	No	NA
POC-06	11/13/2025	Field Temperature	°C	23.1	NA	NA	No	NA
POC-06	12/16/2025	Field Temperature	°C	23.3	NA	NA	No	NA
POC-06	1/15/2026	Field Temperature	°C	22.7	NA	NA	No	NA
POC-06	2/12/2026	Field Temperature	°C	22.1	NA	NA	No	NA
POC-06	4/14/2026	Field Temperature	°C	22.4	NA	NA	No	NA
POC-06	7/22/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25G0696-04
POC-06	8/25/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25H0656-02
POC-06	9/15/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25I0414-06
POC-06	10/15/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25J0484-04
POC-06	11/13/2025	Thallium	mg/L	0.00039	0.005	0.00023	No	25K0453-02
POC-06	12/16/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25L0490-05
POC-06	1/15/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26A0433-03
POC-06	2/12/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26B0429-06
POC-06	4/14/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26D0430-05
POC-06	7/22/2025	Toluene	ug/L	<0.50	0.5	NA	No	25G0696-04
POC-06	8/25/2025	Toluene	ug/L	<0.50	0.5	NA	No	25H0656-02
POC-06	9/15/2025	Toluene	ug/L	<0.50	0.5	NA	No	25I0414-06
POC-06	10/15/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25J0484-04
POC-06	11/13/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25K0453-02
POC-06	12/16/2025	Toluene	ug/L	0.11	0.5	0.057	No	25L0490-05
POC-06	1/15/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26A0433-03
POC-06	2/12/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26B0429-06
POC-06	4/14/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26D0430-05
POC-06	7/22/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	290	20	NA	No	25G0696-04
POC-06	8/25/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	290	20	NA	No	25H0656-02
POC-06	9/15/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	400	20	NA	No	25I0414-06
POC-06	10/15/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	410	20	20	No	25J0484-04
POC-06	11/13/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	440	20	20	No	25K0453-02
POC-06	12/16/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	450	20	20	No	25L0490-05
POC-06	1/15/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	440	20	20	No	26A0433-03
POC-06	2/12/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	450	20	20	No	26B0429-06
POC-06	4/14/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	480	20	20	No	26D0430-05
POC-06	7/23/2025	Total Radium	pCi/L	0.6	NA	NA	No	25G0696-04
POC-06	8/25/2025	Total Radium	pCi/L	2	NA	NA	No	25H0656-02
POC-06	9/17/2025	Total Radium	pCi/L	2	NA	NA	No	25I0414-06
POC-06	10/15/2025	Total Radium	pCi/L	<0.9	NA	NA	No	25J0484-04
POC-06	11/13/2025	Total Radium	pCi/L	<0.9	NA	NA	No	25K0453-02
POC-06	12/16/2025	Total Radium	pCi/L	2.1	NA	NA	No	25L0490-05
POC-06	1/15/2026	Total Radium	pCi/L	1.3	NA	NA	No	26A0433-03
POC-06	2/12/2026	Total Radium	pCi/L	1.3	NA	NA	No	26B0429-06
POC-06	4/14/2026	Total Radium	pCi/L	1	NA	NA	No	26D0430-05
POC-06	7/22/2025	Uranium	mg/L	0.0048	0.0005	NA	No	25G0696-04
POC-06	8/25/2025	Uranium	mg/L	0.009	0.005	NA	No	25H0656-02
POC-06	9/15/2025	Uranium	mg/L	0.01	0.00056	NA	No	25I0414-06
POC-06	10/15/2025	Uranium	mg/L	0.01	0.0005	1.50E-05	No	25J0484-04
POC-06	11/13/2025	Uranium	mg/L	0.015	0.0056	0.00016	No	25K0453-02
POC-06	12/16/2025	Uranium	mg/L	0.017	0.00056	1.60E-05	No	25L0490-05
POC-06	1/15/2026	Uranium	mg/L	0.018	0.00056	1.60E-05	No	26A0433-03
POC-06	2/12/2026	Uranium	mg/L	0.017	0.00056	1.60E-05	No	26B0429-06
POC-06	4/14/2026	Uranium	mg/L	0.015	0.00056	1.60E-05	No	26D0430-05
POC-06	7/23/2025	Uranium Total Activity	pCi/L	8.7	NA	NA	No	25G0696-04
POC-06	8/25/2025	Uranium Total Activity	pCi/L	7.1	NA	NA	No	25H0656-02
POC-06	9/17/2025	Uranium Total Activity	pCi/L	10	NA	NA	No	25I0414-06
POC-06	10/15/2025	Uranium Total Activity	pCi/L	10.4	NA	NA	No	25J0484-04
POC-06	11/13/2025	Uranium Total Activity	pCi/L	11.3	NA	NA	No	25K0453-02
POC-06	12/16/2025	Uranium Total Activity	pCi/L	11.5	NA	NA	No	25L0490-05
POC-06	1/15/2026	Uranium Total Activity	pCi/L	14.3	NA	NA	No	26A0433-03
POC-06	2/12/2026	Uranium Total Activity	pCi/L	11.9	NA	NA	No	26B0429-06
POC-06	4/14/2026	Uranium Total Activity	pCi/L	18	NA	NA	No	26D0430-05
POC-06	7/23/2025	Uranium Total Content	ug/L	8.9	NA	NA	No	25G0696-04

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-06	8/25/2025	Uranium Total Content	ug/L	7.3	NA	NA	No	25H0656-02
POC-06	9/17/2025	Uranium Total Content	ug/L	10.7	NA	NA	No	25I0414-06
POC-06	10/15/2025	Uranium Total Content	ug/L	9.9	NA	NA	No	25J0484-04
POC-06	11/13/2025	Uranium Total Content	ug/L	11.4	NA	NA	No	25K0453-02
POC-06	12/16/2025	Uranium Total Content	ug/L	14.3	NA	NA	No	25L0490-05
POC-06	1/15/2026	Uranium Total Content	ug/L	13.1	NA	NA	No	26A0433-03
POC-06	2/12/2026	Uranium Total Content	ug/L	12	NA	NA	No	26B0429-06
POC-06	4/14/2026	Uranium Total Content	ug/L	21.3	NA	NA	No	26D0430-05
POC-06	7/22/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25G0696-04
POC-06	8/25/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25H0656-02
POC-06	9/15/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25I0414-06
POC-06	10/15/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25J0484-04
POC-06	11/13/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25K0453-02
POC-06	12/16/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25L0490-05
POC-06	1/15/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26A0433-03
POC-06	2/12/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26B0429-06
POC-06	4/14/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26D0430-05
POC-06	7/22/2025	Zinc	mg/L	0.026	0.04	NA	No	25G0696-04
POC-06	8/25/2025	Zinc	mg/L	0.045	0.04	NA	No	25H0656-02
POC-06	9/15/2025	Zinc	mg/L	0.031	0.04	NA	No	25I0414-06
POC-06	10/15/2025	Zinc	mg/L	0.022	0.04	0.0023	No	25J0484-04
POC-06	11/13/2025	Zinc	mg/L	0.028	0.4	0.023	No	25K0453-02
POC-06	12/16/2025	Zinc	mg/L	0.014	0.04	0.0023	No	25L0490-05
POC-06	1/15/2026	Zinc	mg/L	0.011	0.04	0.0023	No	26A0433-03
POC-06	2/12/2026	Zinc	mg/L	<0.011	0.2	0.011	No	26B0429-06
POC-06	4/14/2026	Zinc	mg/L	0.0066	0.04	0.0023	No	26D0430-05
POC-07	7/23/2025	Adjusted Gross Alpha	pCi/L	3.3	NA	NA	No	25G0696-06
POC-07	8/21/2025	Adjusted Gross Alpha	pCi/L	1.3	NA	NA	No	25H0620-04
POC-07	9/17/2025	Adjusted Gross Alpha	pCi/L	2.6	NA	NA	No	25I0414-05
POC-07	10/20/2025	Adjusted Gross Alpha	pCi/L	4.3	NA	NA	No	25J0579-01
POC-07	11/11/2025	Adjusted Gross Alpha	pCi/L	2.6	NA	NA	No	25K0354-03
POC-07	12/17/2025	Adjusted Gross Alpha	pCi/L	2	NA	NA	No	25L0490-02
POC-07	1/15/2026	Adjusted Gross Alpha	pCi/L	2.4	NA	NA	No	26A0433-04
POC-07	2/17/2026	Adjusted Gross Alpha	pCi/L	2.1	NA	NA	No	26B0524-01
POC-07	4/14/2026	Adjusted Gross Alpha	pCi/L	0.6	NA	NA	No	26D0483-04
POC-07	7/23/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	150	2	NA	No	25G0696-06
POC-07	8/21/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	190	2	NA	No	25H0620-04
POC-07	9/15/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	180	2	NA	No	25I0414-05
POC-07	10/20/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	160	2	2	No	25J0579-01
POC-07	11/11/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	150	2	2	No	25K0354-03
POC-07	12/16/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	150	2	2	No	25L0490-02
POC-07	1/15/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	140	2	2	No	26A0433-04
POC-07	2/17/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	120	2	2	No	26B0524-01
POC-07	4/15/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	120	2	2	No	26D0483-04
POC-07	7/23/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-06
POC-07	8/21/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25H0620-04
POC-07	9/15/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25I0414-05
POC-07	10/20/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25J0579-01
POC-07	11/11/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25K0354-03
POC-07	12/16/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25L0490-02
POC-07	1/15/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26A0433-04
POC-07	2/17/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26B0524-01
POC-07	4/15/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26D0483-04
POC-07	7/23/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-06
POC-07	8/21/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25H0620-04
POC-07	9/15/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25I0414-05
POC-07	10/20/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25J0579-01
POC-07	11/11/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25K0354-03
POC-07	12/16/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25L0490-02
POC-07	1/15/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26A0433-04
POC-07	2/17/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26B0524-01
POC-07	4/15/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26D0483-04

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-07	7/23/2025	Alkalinity, Total (As CaCO3)	mg/L	150	2	NA	No	25G0696-06
POC-07	8/21/2025	Alkalinity, Total (As CaCO3)	mg/L	190	2	NA	No	25H0620-04
POC-07	9/15/2025	Alkalinity, Total (As CaCO3)	mg/L	180	2	NA	No	25I0414-05
POC-07	10/20/2025	Alkalinity, Total (As CaCO3)	mg/L	160	2	2	No	25J0579-01
POC-07	11/11/2025	Alkalinity, Total (As CaCO3)	mg/L	150	2	2	No	25K0354-03
POC-07	12/16/2025	Alkalinity, Total (As CaCO3)	mg/L	150	2	2	No	25L0490-02
POC-07	1/15/2026	Alkalinity, Total (As CaCO3)	mg/L	140	2	2	No	26A0433-04
POC-07	2/17/2026	Alkalinity, Total (As CaCO3)	mg/L	120	2	2	No	26B0524-01
POC-07	4/15/2026	Alkalinity, Total (As CaCO3)	mg/L	120	2	2	No	26D0483-04
POC-07	7/23/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25G0696-06
POC-07	8/21/2025	Aluminum	mg/L	0.031	0.04	NA	No	25H0620-04
POC-07	9/15/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25I0414-05
POC-07	10/20/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25J0579-01
POC-07	11/11/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25K0354-03
POC-07	12/16/2025	Aluminum	mg/L	0.03	0.04	0.013	No	25L0490-02
POC-07	1/15/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26A0433-04
POC-07	2/17/2026	Aluminum	mg/L	<0.066	0.2	0.066	No	26B0524-01
POC-07	4/15/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26D0483-04
POC-07	7/23/2025	Antimony	mg/L	0.00099	0.0005	NA	No	25G0696-06
POC-07	8/21/2025	Antimony	mg/L	0.000094	0.0005	NA	No	25H0620-04
POC-07	9/15/2025	Antimony	mg/L	0.000087	0.0005	NA	No	25I0414-05
POC-07	10/20/2025	Antimony	mg/L	0.000088	0.0005	3.90E-05	No	25J0579-01
POC-07	11/11/2025	Antimony	mg/L	0.000095	0.0005	3.90E-05	No	25K0354-03
POC-07	12/16/2025	Antimony	mg/L	0.0002	0.0005	3.90E-05	No	25L0490-02
POC-07	1/15/2026	Antimony	mg/L	0.00027	0.0005	3.90E-05	No	26A0433-04
POC-07	2/17/2026	Antimony	mg/L	0.00032	0.0005	3.90E-05	No	26B0524-01
POC-07	4/15/2026	Antimony	mg/L	0.00035	0.0005	3.90E-05	No	26D0483-04
POC-07	7/23/2025	Arsenic	mg/L	0.013	0.0005	NA	No	25G0696-06
POC-07	8/21/2025	Arsenic	mg/L	0.014	0.0005	NA	No	25H0620-04
POC-07	9/15/2025	Arsenic	mg/L	0.018	0.0005	NA	No	25I0414-05
POC-07	10/20/2025	Arsenic	mg/L	0.015	0.0005	0.0001	No	25J0579-01
POC-07	11/11/2025	Arsenic	mg/L	0.013	0.0005	0.0001	No	25K0354-03
POC-07	12/16/2025	Arsenic	mg/L	0.0089	0.0005	0.0001	No	25L0490-02
POC-07	1/15/2026	Arsenic	mg/L	0.007	0.0005	0.0001	No	26A0433-04
POC-07	2/17/2026	Arsenic	mg/L	0.0057	0.0005	0.0001	No	26B0524-01
POC-07	4/15/2026	Arsenic	mg/L	0.0043	0.0005	0.0001	No	26D0483-04
POC-07	7/23/2025	Barium	mg/L	0.051	0.0005	NA	No	25G0696-06
POC-07	8/21/2025	Barium	mg/L	0.056	0.0005	NA	No	25H0620-04
POC-07	9/15/2025	Barium	mg/L	0.047	0.0005	NA	No	25I0414-05
POC-07	10/20/2025	Barium	mg/L	0.044	0.0005	2.90E-05	No	25J0579-01
POC-07	11/11/2025	Barium	mg/L	0.042	0.0005	2.90E-05	No	25K0354-03
POC-07	12/16/2025	Barium	mg/L	0.039	0.0005	2.90E-05	No	25L0490-02
POC-07	1/15/2026	Barium	mg/L	0.035	0.0005	2.90E-05	No	26A0433-04
POC-07	2/17/2026	Barium	mg/L	0.031	0.0005	2.90E-05	No	26B0524-01
POC-07	4/15/2026	Barium	mg/L	0.025	0.0005	2.90E-05	No	26D0483-04
POC-07	7/23/2025	Benzene	ug/L	<0.50	0.5	NA	No	25G0696-06
POC-07	8/21/2025	Benzene	ug/L	<0.50	0.5	NA	No	25H0620-04
POC-07	9/15/2025	Benzene	ug/L	<0.50	0.5	NA	No	25I0414-05
POC-07	10/20/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25J0579-01
POC-07	11/11/2025	Benzene	ug/L	0.077	0.5	0.063	No	25K0354-03
POC-07	12/16/2025	Benzene	ug/L	0.35	0.5	0.063	No	25L0490-02
POC-07	1/15/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26A0433-04
POC-07	2/17/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26B0524-01
POC-07	4/15/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26D0483-04
POC-07	7/23/2025	Beryllium	mg/L	<0.00025	0.00025	NA	No	25G0696-06
POC-07	8/21/2025	Beryllium	mg/L	0.000081	0.00025	NA	No	25H0620-04
POC-07	9/15/2025	Beryllium	mg/L	<0.00025	0.00025	NA	No	25I0414-05
POC-07	10/20/2025	Beryllium	mg/L	<0.000013	0.00025	1.30E-05	No	25J0579-01
POC-07	11/11/2025	Beryllium	mg/L	<0.000013	0.00025	1.30E-05	No	25K0354-03
POC-07	12/16/2025	Beryllium	mg/L	0.000024	0.00025	1.30E-05	No	25L0490-02
POC-07	1/15/2026	Beryllium	mg/L	<0.000013	0.00025	1.30E-05	No	26A0433-04
POC-07	2/17/2026	Beryllium	mg/L	<0.000066	0.0013	6.60E-05	No	26B0524-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-07	4/15/2026	Beryllium	mg/L	0.000057	0.00025	1.30E-05	No	26D0483-04
POC-07	7/23/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25G0696-06
POC-07	8/21/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25H0620-04
POC-07	9/15/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25I0414-05
POC-07	10/20/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25J0579-01
POC-07	11/11/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25K0354-03
POC-07	12/16/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25L0490-02
POC-07	1/15/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26A0433-04
POC-07	2/17/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26B0524-01
POC-07	4/15/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26D0483-04
POC-07	7/23/2025	Calcium	mg/L	100	4	NA	No	25G0696-06
POC-07	8/21/2025	Calcium	mg/L	120	4	NA	No	25H0620-04
POC-07	9/15/2025	Calcium	mg/L	130	4	NA	No	25I0414-05
POC-07	10/20/2025	Calcium	mg/L	130	4	0.13	No	25J0579-01
POC-07	11/11/2025	Calcium	mg/L	120	4	0.13	No	25K0354-03
POC-07	12/16/2025	Calcium	mg/L	120	4	0.13	No	25L0490-02
POC-07	1/15/2026	Calcium	mg/L	130	4	0.13	No	26A0433-04
POC-07	2/17/2026	Calcium	mg/L	110	4	0.13	No	26B0524-01
POC-07	4/15/2026	Calcium	mg/L	130	4	0.13	No	26D0483-04
POC-07	7/23/2025	Carbon disulfide	ug/L	0.58	2	NA	No	25G0696-06
POC-07	8/21/2025	Carbon disulfide	ug/L	1.3	2	NA	No	25H0620-04
POC-07	9/15/2025	Carbon disulfide	ug/L	1	2	NA	No	25I0414-05
POC-07	10/20/2025	Carbon disulfide	ug/L	0.53	2	0.11	No	25J0579-01
POC-07	11/11/2025	Carbon disulfide	ug/L	0.33	2	0.11	No	25K0354-03
POC-07	12/16/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25L0490-02
POC-07	1/15/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26A0433-04
POC-07	2/17/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26B0524-01
POC-07	4/15/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26D0483-04
POC-07	7/23/2025	Chloride	mg/L	10	1	NA	No	25G0696-06
POC-07	8/21/2025	Chloride	mg/L	10	1	NA	No	25H0620-04
POC-07	9/15/2025	Chloride	mg/L	11	1	NA	No	25I0414-05
POC-07	10/20/2025	Chloride	mg/L	10	1	0.75	No	25J0579-01
POC-07	11/11/2025	Chloride	mg/L	11	1	0.75	No	25K0354-03
POC-07	12/16/2025	Chloride	mg/L	11	1	0.75	No	25L0490-02
POC-07	1/15/2026	Chloride	mg/L	11	1	0.75	No	26A0433-04
POC-07	2/17/2026	Chloride	mg/L	11	1	0.75	No	26B0524-01
POC-07	4/15/2026	Chloride	mg/L	11	1	0.75	No	26D0483-04
POC-07	7/23/2025	Chromium	mg/L	0.00081	0.0005	NA	No	25G0696-06
POC-07	8/21/2025	Chromium	mg/L	0.00014	0.0005	NA	No	25H0620-04
POC-07	9/15/2025	Chromium	mg/L	0.00092	0.0005	NA	No	25I0414-05
POC-07	10/20/2025	Chromium	mg/L	0.000064	0.0005	2.30E-05	No	25J0579-01
POC-07	11/11/2025	Chromium	mg/L	0.00074	0.0005	2.30E-05	No	25K0354-03
POC-07	12/16/2025	Chromium	mg/L	0.000033	0.0005	2.30E-05	No	25L0490-02
POC-07	1/15/2026	Chromium	mg/L	0.00049	0.0005	2.30E-05	No	26A0433-04
POC-07	2/17/2026	Chromium	mg/L	<0.00012	0.0025	0.00012	No	26B0524-01
POC-07	4/15/2026	Chromium	mg/L	0.00036	0.0005	2.30E-05	No	26D0483-04
POC-07	7/23/2025	Cobalt	mg/L	0.00046	0.00025	NA	No	25G0696-06
POC-07	8/21/2025	Cobalt	mg/L	0.00034	0.00025	NA	No	25H0620-04
POC-07	9/15/2025	Cobalt	mg/L	0.00026	0.00025	NA	No	25I0414-05
POC-07	10/20/2025	Cobalt	mg/L	0.00022	0.00025	1.00E-05	No	25J0579-01
POC-07	11/11/2025	Cobalt	mg/L	0.0003	0.00025	1.00E-05	No	25K0354-03
POC-07	12/16/2025	Cobalt	mg/L	0.00016	0.00025	1.00E-05	No	25L0490-02
POC-07	1/15/2026	Cobalt	mg/L	0.00018	0.00025	1.00E-05	No	26A0433-04
POC-07	2/17/2026	Cobalt	mg/L	0.00019	0.0013	5.20E-05	No	26B0524-01
POC-07	4/15/2026	Cobalt	mg/L	0.00017	0.00025	1.00E-05	No	26D0483-04
POC-07	7/23/2025	Conductivity	mhos/cm	709.5	NA	NA	No	NA
POC-07	8/21/2025	Conductivity	mhos/cm	757.9	NA	NA	No	NA
POC-07	9/15/2025	Conductivity	mhos/cm	739	NA	NA	No	NA
POC-07	10/20/2025	Conductivity	mhos/cm	745.2	NA	NA	No	NA
POC-07	11/11/2025	Conductivity	mhos/cm	744.5	NA	NA	No	NA
POC-07	12/16/2025	Conductivity	mhos/cm	756.5	NA	NA	No	NA
POC-07	1/15/2026	Conductivity	mhos/cm	754.3	NA	NA	No	NA

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-07	2/17/2026	Conductivity	mhos/cm	768.3	NA	NA	No	NA
POC-07	4/15/2026	Conductivity	mhos/cm	706.5	NA	NA	No	NA
POC-07	7/23/2025	Copper	mg/L	0.00023	0.0005	NA	No	25G0696-06
POC-07	8/21/2025	Copper	mg/L	0.00074	0.0005	NA	No	25H0620-04
POC-07	9/15/2025	Copper	mg/L	<0.00050	0.0005	NA	No	25I0414-05
POC-07	10/20/2025	Copper	mg/L	0.00023	0.0005	0.00015	No	25J0579-01
POC-07	11/11/2025	Copper	mg/L	0.0003	0.0005	0.00015	No	25K0354-03
POC-07	12/16/2025	Copper	mg/L	0.00064	0.0005	0.00015	No	25L0490-02
POC-07	1/15/2026	Copper	mg/L	0.00025	0.0005	0.00015	No	26A0433-04
POC-07	2/17/2026	Copper	mg/L	0.0067	0.0025	0.00077	No	26B0524-01
POC-07	4/15/2026	Copper	mg/L	0.025	0.0005	0.00015	No	26D0483-04
POC-07	7/23/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25G0696-06
POC-07	8/21/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25H0620-04
POC-07	9/15/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25I0414-05
POC-07	10/20/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25J0579-01
POC-07	11/11/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25K0354-03
POC-07	12/16/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25L0490-02
POC-07	1/15/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26A0433-04
POC-07	2/17/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26B0524-01
POC-07	4/15/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26D0483-04
POC-07	7/23/2025	DTW	ft	182.6	NA	NA	No	NA
POC-07	8/21/2025	DTW	ft	182.5	NA	NA	No	NA
POC-07	9/15/2025	DTW	ft	182.5	NA	NA	No	NA
POC-07	10/20/2025	DTW	ft	182.6	NA	NA	No	NA
POC-07	11/11/2025	DTW	ft	182.6	NA	NA	No	NA
POC-07	12/16/2025	DTW	ft	182.7	NA	NA	No	NA
POC-07	1/15/2026	DTW	ft	182.7	NA	NA	No	NA
POC-07	2/17/2026	DTW	ft	182.8	NA	NA	No	NA
POC-07	4/15/2026	DTW	ft	184.4	NA	NA	No	NA
POC-07	7/23/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25G0696-06
POC-07	8/21/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25H0620-04
POC-07	9/15/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25I0414-05
POC-07	10/20/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25J0579-01
POC-07	11/11/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25K0354-03
POC-07	12/16/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25L0490-02
POC-07	1/15/2026	Ethylbenzene	ug/L	0.26	0.5	0.054	No	26A0433-04
POC-07	2/17/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26B0524-01
POC-07	4/15/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26D0483-04
POC-07	7/23/2025	Fluoride	mg/L	0.48	0.5	NA	No	25G0696-06
POC-07	8/21/2025	Fluoride	mg/L	0.55	0.5	NA	No	25H0620-04
POC-07	9/15/2025	Fluoride	mg/L	0.81	0.5	NA	No	25I0414-05
POC-07	10/20/2025	Fluoride	mg/L	0.51	0.5	0.18	No	25J0579-01
POC-07	11/11/2025	Fluoride	mg/L	0.47	0.5	0.18	No	25K0354-03
POC-07	12/16/2025	Fluoride	mg/L	0.49	0.5	0.18	No	25L0490-02
POC-07	1/15/2026	Fluoride	mg/L	0.48	0.5	0.18	No	26A0433-04
POC-07	2/17/2026	Fluoride	mg/L	<0.18	0.5	0.18	No	26B0524-01
POC-07	4/15/2026	Fluoride	mg/L	0.62	0.5	0.18	No	26D0483-04
POC-07	7/23/2025	Gross Alpha Activity	pCi/L	5.5	NA	NA	No	25G0696-06
POC-07	8/21/2025	Gross Alpha Activity	pCi/L	1.3	NA	NA	No	25H0620-04
POC-07	9/17/2025	Gross Alpha Activity	pCi/L	2.6	NA	NA	No	25I0414-05
POC-07	10/20/2025	Gross Alpha Activity	pCi/L	4.3	NA	NA	No	25J0579-01
POC-07	11/11/2025	Gross Alpha Activity	pCi/L	4.1	NA	NA	No	25K0354-03
POC-07	12/17/2025	Gross Alpha Activity	pCi/L	3.1	NA	NA	No	25L0490-02
POC-07	1/15/2026	Gross Alpha Activity	pCi/L	3.4	NA	NA	No	26A0433-04
POC-07	2/17/2026	Gross Alpha Activity	pCi/L	3.9	NA	NA	No	26B0524-01
POC-07	4/14/2026	Gross Alpha Activity	pCi/L	3.1	NA	NA	No	26D0483-04
POC-07	7/23/2025	Iron	mg/L	0.23	0.3	NA	No	25G0696-06
POC-07	8/21/2025	Iron	mg/L	0.28	0.33	NA	No	25H0620-04
POC-07	9/15/2025	Iron	mg/L	0.12	0.3	NA	No	25I0414-05
POC-07	10/20/2025	Iron	mg/L	0.15	0.3	0.02	No	25J0579-01
POC-07	11/11/2025	Iron	mg/L	0.15	0.3	0.02	No	25K0354-03
POC-07	12/16/2025	Iron	mg/L	0.2	0.33	0.022	No	25L0490-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-07	1/15/2026	Iron	mg/L	0.063	0.33	0.022	No	26A0433-04
POC-07	2/17/2026	Iron	mg/L	<0.020	0.3	0.02	No	26B0524-01
POC-07	4/15/2026	Iron	mg/L	<0.020	0.3	0.02	No	26D0483-04
POC-07	7/23/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25G0696-06
POC-07	8/21/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25H0620-04
POC-07	9/15/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25I0414-05
POC-07	10/20/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25J0579-01
POC-07	11/11/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25K0354-03
POC-07	12/16/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25L0490-02
POC-07	1/15/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26A0433-04
POC-07	2/17/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26B0524-01
POC-07	4/15/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26D0483-04
POC-07	7/23/2025	Magnesium	mg/L	19	3	NA	No	25G0696-06
POC-07	8/21/2025	Magnesium	mg/L	14	3	NA	No	25H0620-04
POC-07	9/15/2025	Magnesium	mg/L	14	3	NA	No	25I0414-05
POC-07	10/20/2025	Magnesium	mg/L	14	3	0.1	No	25J0579-01
POC-07	11/11/2025	Magnesium	mg/L	14	3	0.1	No	25K0354-03
POC-07	12/16/2025	Magnesium	mg/L	13	3	0.1	No	25L0490-02
POC-07	1/15/2026	Magnesium	mg/L	13	3	0.1	No	26A0433-04
POC-07	2/17/2026	Magnesium	mg/L	11	3	0.1	No	26B0524-01
POC-07	4/15/2026	Magnesium	mg/L	13	3	0.1	No	26D0483-04
POC-07	7/23/2025	Manganese	mg/L	0.41	0.00025	NA	No	25G0696-06
POC-07	8/21/2025	Manganese	mg/L	0.64	0.00025	NA	No	25H0620-04
POC-07	9/15/2025	Manganese	mg/L	0.48	0.00025	NA	No	25I0414-05
POC-07	10/20/2025	Manganese	mg/L	0.43	0.00025	3.80E-05	No	25J0579-01
POC-07	11/11/2025	Manganese	mg/L	0.37	0.00025	3.80E-05	No	25K0354-03
POC-07	12/16/2025	Manganese	mg/L	0.32	0.00025	3.80E-05	No	25L0490-02
POC-07	1/15/2026	Manganese	mg/L	0.26	0.00025	3.80E-05	No	26A0433-04
POC-07	2/17/2026	Manganese	mg/L	0.18	0.0013	0.00019	No	26B0524-01
POC-07	4/15/2026	Manganese	mg/L	0.055	0.00025	3.80E-05	No	26D0483-04
POC-07	7/23/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25G0696-06
POC-07	8/21/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25H0620-04
POC-07	9/15/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25I0414-05
POC-07	10/20/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25J0579-01
POC-07	11/11/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25K0354-03
POC-07	12/16/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25L0490-02
POC-07	1/15/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26A0433-04
POC-07	2/17/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26B0524-01
POC-07	4/15/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26D0483-04
POC-07	7/23/2025	Molybdenum	mg/L	0.091	0.00025	NA	No	25G0696-06
POC-07	8/21/2025	Molybdenum	mg/L	0.031	0.00025	NA	No	25H0620-04
POC-07	9/15/2025	Molybdenum	mg/L	0.026	0.00025	NA	No	25I0414-05
POC-07	10/20/2025	Molybdenum	mg/L	0.033	0.00025	2.50E-05	No	25J0579-01
POC-07	11/11/2025	Molybdenum	mg/L	0.039	0.00025	2.50E-05	No	25K0354-03
POC-07	12/16/2025	Molybdenum	mg/L	0.047	0.00025	2.50E-05	No	25L0490-02
POC-07	1/15/2026	Molybdenum	mg/L	0.056	0.00025	2.50E-05	No	26A0433-04
POC-07	2/17/2026	Molybdenum	mg/L	0.06	0.00025	2.50E-05	No	26B0524-01
POC-07	4/15/2026	Molybdenum	mg/L	0.07	0.00025	2.50E-05	No	26D0483-04
POC-07	7/23/2025	Nickel	mg/L	0.0024	0.0005	NA	No	25G0696-06
POC-07	8/21/2025	Nickel	mg/L	0.003	0.0005	NA	No	25H0620-04
POC-07	9/15/2025	Nickel	mg/L	0.0023	0.0005	NA	No	25I0414-05
POC-07	10/20/2025	Nickel	mg/L	0.0015	0.0005	1.50E-05	No	25J0579-01
POC-07	11/11/2025	Nickel	mg/L	0.0022	0.0005	1.50E-05	No	25K0354-03
POC-07	12/16/2025	Nickel	mg/L	0.00021	0.0005	1.50E-05	No	25L0490-02
POC-07	1/15/2026	Nickel	mg/L	0.0016	0.0005	1.50E-05	No	26A0433-04
POC-07	2/17/2026	Nickel	mg/L	0.0042	0.0025	7.60E-05	No	26B0524-01
POC-07	4/15/2026	Nickel	mg/L	0.0017	0.0005	1.50E-05	No	26D0483-04
POC-07	7/23/2025	Nitrate and Nitrite Sum	NA	<0.60	0.6	NA	No	25G0696-06
POC-07	8/21/2025	Nitrate and Nitrite Sum	NA	0.28	0.6	NA	No	25H0620-04
POC-07	9/15/2025	Nitrate and Nitrite Sum	NA	<0.60	0.6	NA	No	25I0414-05
POC-07	10/20/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25J0579-01
POC-07	11/11/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25K0354-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-07	12/16/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25L0490-02
POC-07	1/15/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26A0433-04
POC-07	2/17/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26B0524-01
POC-07	4/15/2026	Nitrate and Nitrite Sum	NA	0.58	0.6	0.28	No	26D0483-04
POC-07	7/23/2025	Nitrogen, Nitrate (As N)	mg/L	<0.50	0.5	NA	No	25G0696-06
POC-07	8/21/2025	Nitrogen, Nitrate (As N)	mg/L	0.28	0.5	NA	No	25H0620-04
POC-07	9/15/2025	Nitrogen, Nitrate (As N)	mg/L	<0.50	0.5	NA	No	25I0414-05
POC-07	10/20/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25J0579-01
POC-07	11/11/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25K0354-03
POC-07	12/16/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25L0490-02
POC-07	1/15/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26A0433-04
POC-07	2/17/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26B0524-01
POC-07	4/15/2026	Nitrogen, Nitrate (As N)	mg/L	0.58	0.5	0.27	No	26D0483-04
POC-07	7/23/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25G0696-06
POC-07	8/21/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25H0620-04
POC-07	9/15/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25I0414-05
POC-07	10/20/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25J0579-01
POC-07	11/11/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25K0354-03
POC-07	12/16/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25L0490-02
POC-07	1/15/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26A0433-04
POC-07	2/17/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26B0524-01
POC-07	4/15/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26D0483-04
POC-07	7/23/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25G0696-06
POC-07	8/21/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25H0620-04
POC-07	9/15/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25I0414-05
POC-07	10/20/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25J0579-01
POC-07	11/11/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25K0354-03
POC-07	12/16/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25L0490-02
POC-07	1/15/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26A0433-04
POC-07	2/17/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26B0524-01
POC-07	4/15/2026	Nitrogen, Total	NA	1.1	1.1	0.58	No	26D0483-04
POC-07	7/23/2025	pH	s.u.	7.38	NA	NA	No	NA
POC-07	8/21/2025	pH	s.u.	7.43	NA	NA	No	NA
POC-07	9/15/2025	pH	s.u.	7.78	NA	NA	No	NA
POC-07	10/20/2025	pH	s.u.	7.22	NA	NA	No	NA
POC-07	11/11/2025	pH	s.u.	7.6	NA	NA	No	NA
POC-07	12/16/2025	pH	s.u.	7.04	NA	NA	No	NA
POC-07	1/15/2026	pH	s.u.	7.54	NA	NA	No	NA
POC-07	2/17/2026	pH	s.u.	6.83	NA	NA	No	NA
POC-07	4/15/2026	pH	s.u.	7.65	NA	NA	No	NA
POC-07	8/21/2025	pH (pH Units)	-	7.4	NA	NA	No	25H0620-04
POC-07	9/15/2025	pH (pH Units)	-	7.5	NA	NA	No	25I0414-05
POC-07	10/20/2025	pH (pH Units)	-	7.5	NA	NA	No	25J0579-01
POC-07	11/11/2025	pH (pH Units)	-	7.4	NA	NA	No	25K0354-03
POC-07	12/16/2025	pH (pH Units)	-	7.5	NA	NA	No	25L0490-02
POC-07	1/15/2026	pH (pH Units)	-	7.4	NA	NA	No	26A0433-04
POC-07	2/17/2026	pH (pH Units)	-	7.4	NA	NA	No	26B0524-01
POC-07	4/15/2026	pH (pH Units)	-	8	NA	NA	No	26D0483-04
POC-07	7/23/2025	Potassium	mg/L	7.7	5	NA	No	25G0696-06
POC-07	8/21/2025	Potassium	mg/L	8.5	5	NA	No	25H0620-04
POC-07	9/15/2025	Potassium	mg/L	8.4	5	NA	No	25I0414-05
POC-07	10/20/2025	Potassium	mg/L	9.1	5	0.14	No	25J0579-01
POC-07	11/11/2025	Potassium	mg/L	8.4	5	0.14	No	25K0354-03
POC-07	12/16/2025	Potassium	mg/L	8.5	5	0.14	No	25L0490-02
POC-07	1/15/2026	Potassium	mg/L	9.4	5	0.14	No	26A0433-04
POC-07	2/17/2026	Potassium	mg/L	7.3	5	0.14	No	26B0524-01
POC-07	4/15/2026	Potassium	mg/L	8.6	5	0.14	No	26D0483-04
POC-07	7/23/2025	Selenium	mg/L	0.004	0.0025	NA	No	25G0696-06
POC-07	8/21/2025	Selenium	mg/L	0.001	0.0025	NA	No	25H0620-04
POC-07	9/15/2025	Selenium	mg/L	0.0017	0.0025	NA	No	25I0414-05
POC-07	10/20/2025	Selenium	mg/L	0.00073	0.0025	0.00025	No	25J0579-01
POC-07	11/11/2025	Selenium	mg/L	0.0014	0.0025	0.00025	No	25K0354-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-07	12/16/2025	Selenium	mg/L	0.0011	0.0025	0.00025	No	25L0490-02
POC-07	1/15/2026	Selenium	mg/L	0.0012	0.0025	0.00025	No	26A0433-04
POC-07	2/17/2026	Selenium	mg/L	0.0018	0.0025	0.00025	No	26B0524-01
POC-07	4/15/2026	Selenium	mg/L	0.0026	0.0025	0.00025	No	26D0483-04
POC-07	7/23/2025	Sodium	mg/L	7.7	5	NA	No	25G0696-06
POC-07	8/21/2025	Sodium	mg/L	7.6	5	NA	No	25H0620-04
POC-07	9/15/2025	Sodium	mg/L	7.4	5	NA	No	25I0414-05
POC-07	10/20/2025	Sodium	mg/L	7.8	5	0.58	No	25J0579-01
POC-07	11/11/2025	Sodium	mg/L	7.2	5	0.58	No	25K0354-03
POC-07	12/16/2025	Sodium	mg/L	7.4	5	0.58	No	25L0490-02
POC-07	1/15/2026	Sodium	mg/L	7.7	5	0.58	No	26A0433-04
POC-07	2/17/2026	Sodium	mg/L	6.7	5	0.58	No	26B0524-01
POC-07	4/15/2026	Sodium	mg/L	7.5	5	0.58	No	26D0483-04
POC-07	7/23/2025	Sulfate	mg/L	210	50	NA	No	25G0696-06
POC-07	8/21/2025	Sulfate	mg/L	210	50	NA	No	25H0620-04
POC-07	9/15/2025	Sulfate	mg/L	210	50	NA	No	25I0414-05
POC-07	10/20/2025	Sulfate	mg/L	220	50	28	No	25J0579-01
POC-07	11/11/2025	Sulfate	mg/L	230	25	14	No	25K0354-03
POC-07	12/16/2025	Sulfate	mg/L	260	50	28	No	25L0490-02
POC-07	1/15/2026	Sulfate	mg/L	260	25	14	No	26A0433-04
POC-07	2/17/2026	Sulfate	mg/L	290	25	14	No	26B0524-01
POC-07	4/15/2026	Sulfate	mg/L	270	25	14	No	26D0483-04
POC-07	7/23/2025	Field Temperature	°C	21.8	NA	NA	No	NA
POC-07	8/21/2025	Field Temperature	°C	26.5	NA	NA	No	NA
POC-07	9/15/2025	Field Temperature	°C	22.8	NA	NA	No	NA
POC-07	10/20/2025	Field Temperature	°C	21.7	NA	NA	No	NA
POC-07	11/11/2025	Field Temperature	°C	22.2	NA	NA	No	NA
POC-07	12/16/2025	Field Temperature	°C	19.9	NA	NA	No	NA
POC-07	1/15/2026	Field Temperature	°C	19.2	NA	NA	No	NA
POC-07	2/17/2026	Field Temperature	°C	18.4	NA	NA	No	NA
POC-07	4/15/2026	Field Temperature	°C	21.3	NA	NA	No	NA
POC-07	7/23/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25G0696-06
POC-07	8/21/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25H0620-04
POC-07	9/15/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25I0414-05
POC-07	10/20/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25J0579-01
POC-07	11/11/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25K0354-03
POC-07	12/16/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25L0490-02
POC-07	1/15/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26A0433-04
POC-07	2/17/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26B0524-01
POC-07	4/15/2026	Thallium	mg/L	0.000027	0.0005	2.30E-05	No	26D0483-04
POC-07	7/23/2025	Toluene	ug/L	19	0.5	NA	YES	25G0696-06
POC-07	8/21/2025	Toluene	ug/L	8.1	0.5	NA	No	25H0620-04
POC-07	9/15/2025	Toluene	ug/L	3.6	0.5	NA	No	25I0414-05
POC-07	10/20/2025	Toluene	ug/L	0.23	0.5	0.057	No	25J0579-01
POC-07	11/11/2025	Toluene	ug/L	0.11	0.5	0.057	No	25K0354-03
POC-07	12/16/2025	Toluene	ug/L	0.16	0.5	0.057	No	25L0490-02
POC-07	1/15/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26A0433-04
POC-07	2/17/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26B0524-01
POC-07	4/15/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26D0483-04
POC-07	7/23/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	570	20	NA	No	25G0696-06
POC-07	8/21/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	580	20	NA	No	25H0620-04
POC-07	9/15/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	570	20	NA	No	25I0414-05
POC-07	10/20/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	570	20	20	No	25J0579-01
POC-07	11/11/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	570	20	20	No	25K0354-03
POC-07	12/16/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	590	20	20	No	25L0490-02
POC-07	1/15/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	590	20	20	No	26A0433-04
POC-07	2/17/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	610	20	20	No	26B0524-01
POC-07	4/15/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	610	20	20	No	26D0483-04
POC-07	7/23/2025	Total Radium	pCi/L	0.7	NA	NA	No	25G0696-06
POC-07	8/21/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25H0620-04
POC-07	9/17/2025	Total Radium	pCi/L	1.6	NA	NA	No	25I0414-05
POC-07	10/20/2025	Total Radium	pCi/L	<0.9	NA	NA	No	25J0579-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-07	11/11/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25K0354-03
POC-07	12/17/2025	Total Radium	pCi/L	1.5	NA	NA	No	25L0490-02
POC-07	1/15/2026	Total Radium	pCi/L	1.3	NA	NA	No	26A0433-04
POC-07	2/17/2026	Total Radium	pCi/L	1.2	NA	NA	No	26B0524-01
POC-07	4/14/2026	Total Radium	pCi/L	<0.8	NA	NA	No	26D0483-04
POC-07	7/23/2025	Uranium	mg/L	0.0034	0.0005	NA	No	25G0696-06
POC-07	8/21/2025	Uranium	mg/L	0.0006	0.005	NA	No	25H0620-04
POC-07	9/15/2025	Uranium	mg/L	0.00096	0.00056	NA	No	25I0414-05
POC-07	10/20/2025	Uranium	mg/L	0.001	0.0005	1.50E-05	No	25J0579-01
POC-07	11/11/2025	Uranium	mg/L	0.0014	0.00056	1.60E-05	No	25K0354-03
POC-07	12/16/2025	Uranium	mg/L	0.0016	0.00056	1.60E-05	No	25L0490-02
POC-07	4/10/2026	Uranium	mg/L	0.0016	0.00056	NA	No	26B0524-01
POC-07	4/15/2026	Uranium	mg/L	0.0022	0.00056	1.60E-05	No	26D0483-04
POC-07	7/23/2025	Uranium Total Activity	pCi/L	2.2	NA	NA	No	25G0696-06
POC-07	8/21/2025	Uranium Total Activity	pCi/L	<0.4	NA	NA	No	25H0620-04
POC-07	9/17/2025	Uranium Total Activity	pCi/L	<0.4	NA	NA	No	25I0414-05
POC-07	10/20/2025	Uranium Total Activity	pCi/L	<0.8	NA	NA	No	25J0579-01
POC-07	11/11/2025	Uranium Total Activity	pCi/L	1.5	NA	NA	No	25K0354-03
POC-07	12/17/2025	Uranium Total Activity	pCi/L	1.1	NA	NA	No	25L0490-02
POC-07	1/15/2026	Uranium Total Activity	pCi/L	1	NA	NA	No	26A0433-04
POC-07	2/17/2026	Uranium Total Activity	pCi/L	1.8	NA	NA	No	26B0524-01
POC-07	4/14/2026	Uranium Total Activity	pCi/L	2.5	NA	NA	No	26D0483-04
POC-07	7/23/2025	Uranium Total Content	ug/L	3.3	NA	NA	No	25G0696-06
POC-07	8/21/2025	Uranium Total Content	ug/L	<0.8	NA	NA	No	25H0620-04
POC-07	9/17/2025	Uranium Total Content	ug/L	<0.8	NA	NA	No	25I0414-05
POC-07	10/20/2025	Uranium Total Content	ug/L	<1.7	NA	NA	No	25J0579-01
POC-07	11/11/2025	Uranium Total Content	ug/L	1.7	NA	NA	No	25K0354-03
POC-07	12/17/2025	Uranium Total Content	ug/L	0.8	NA	NA	No	25L0490-02
POC-07	1/15/2026	Uranium Total Content	ug/L	1.4	NA	NA	No	26A0433-04
POC-07	2/17/2026	Uranium Total Content	ug/L	1.7	NA	NA	No	26B0524-01
POC-07	4/14/2026	Uranium Total Content	ug/L	2.3	NA	NA	No	26D0483-04
POC-07	7/23/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25G0696-06
POC-07	8/21/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25H0620-04
POC-07	9/15/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25I0414-05
POC-07	10/20/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25J0579-01
POC-07	11/11/2025	Xylenes, Total	ug/L	0.23	1.5	0.13	No	25K0354-03
POC-07	12/16/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25L0490-02
POC-07	1/15/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26A0433-04
POC-07	2/17/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26B0524-01
POC-07	4/15/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26D0483-04
POC-07	7/23/2025	Zinc	mg/L	0.0054	0.04	NA	No	25G0696-06
POC-07	8/21/2025	Zinc	mg/L	0.0025	0.04	NA	No	25H0620-04
POC-07	9/15/2025	Zinc	mg/L	<0.040	0.04	NA	No	25I0414-05
POC-07	10/20/2025	Zinc	mg/L	<0.0023	0.04	0.0023	No	25J0579-01
POC-07	11/11/2025	Zinc	mg/L	<0.0023	0.04	0.0023	No	25K0354-03
POC-07	12/16/2025	Zinc	mg/L	0.0051	0.04	0.0023	No	25L0490-02
POC-07	1/15/2026	Zinc	mg/L	<0.0023	0.04	0.0023	No	26A0433-04
POC-07	2/17/2026	Zinc	mg/L	0.11	0.2	0.011	No	26B0524-01
POC-07	4/15/2026	Zinc	mg/L	0.007	0.04	0.0023	No	26D0483-04
POC-08	7/23/2025	Adjusted Gross Alpha	pCi/L	2.4	NA	NA	No	25G0696-09
POC-08	8/21/2025	Adjusted Gross Alpha	pCi/L	0.3	NA	NA	No	25H0620-03
POC-08	9/17/2025	Adjusted Gross Alpha	pCi/L	0.8	NA	NA	No	25I0414-04
POC-08	10/16/2025	Adjusted Gross Alpha	pCi/L	<2.6	NA	NA	No	25J0534-01
POC-08	11/11/2025	Adjusted Gross Alpha	pCi/L	<1.1	NA	NA	No	25K0354-02
POC-08	12/17/2025	Adjusted Gross Alpha	pCi/L	0.7	NA	NA	No	25L0490-01
POC-08	1/19/2026	Adjusted Gross Alpha	pCi/L	2.3	NA	NA	No	26A0483-03
POC-08	2/16/2026	Adjusted Gross Alpha	pCi/L	1	NA	NA	No	26B0497-03
POC-08	4/14/2026	Adjusted Gross Alpha	pCi/L	1	NA	NA	No	26D0483-03
POC-08	7/23/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	160	2	NA	No	25G0696-09
POC-08	8/21/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	170	2	NA	No	25H0620-03
POC-08	9/15/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	160	2	NA	No	25I0414-04
POC-08	10/16/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	180	2	2	No	25J0534-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-08	11/11/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	170	2	2	No	25K0354-02
POC-08	12/16/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	160	2	2	No	25L0490-01
POC-08	1/19/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	160	2	2	No	26A0483-03
POC-08	2/16/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	150	2	2	No	26B0497-03
POC-08	4/15/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	140	2	2	No	26D0483-03
POC-08	7/23/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-09
POC-08	8/21/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25H0620-03
POC-08	9/15/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25I0414-04
POC-08	10/16/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25J0534-01
POC-08	11/11/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25K0354-02
POC-08	12/16/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25L0490-01
POC-08	1/19/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26A0483-03
POC-08	2/16/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26B0497-03
POC-08	4/15/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26D0483-03
POC-08	7/23/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-09
POC-08	8/21/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25H0620-03
POC-08	9/15/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25I0414-04
POC-08	10/16/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25J0534-01
POC-08	11/11/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25K0354-02
POC-08	12/16/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25L0490-01
POC-08	1/19/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26A0483-03
POC-08	2/16/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26B0497-03
POC-08	4/15/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26D0483-03
POC-08	7/23/2025	Alkalinity, Total (As CaCO3)	mg/L	160	2	NA	No	25G0696-09
POC-08	8/21/2025	Alkalinity, Total (As CaCO3)	mg/L	170	2	NA	No	25H0620-03
POC-08	9/15/2025	Alkalinity, Total (As CaCO3)	mg/L	160	2	NA	No	25I0414-04
POC-08	10/16/2025	Alkalinity, Total (As CaCO3)	mg/L	180	2	2	No	25J0534-01
POC-08	11/11/2025	Alkalinity, Total (As CaCO3)	mg/L	170	2	2	No	25K0354-02
POC-08	12/16/2025	Alkalinity, Total (As CaCO3)	mg/L	160	2	2	No	25L0490-01
POC-08	1/19/2026	Alkalinity, Total (As CaCO3)	mg/L	160	2	2	No	26A0483-03
POC-08	2/16/2026	Alkalinity, Total (As CaCO3)	mg/L	150	2	2	No	26B0497-03
POC-08	4/15/2026	Alkalinity, Total (As CaCO3)	mg/L	140	2	2	No	26D0483-03
POC-08	7/23/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25G0696-09
POC-08	8/21/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25H0620-03
POC-08	9/15/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25I0414-04
POC-08	10/16/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25J0534-01
POC-08	11/11/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25K0354-02
POC-08	12/16/2025	Aluminum	mg/L	0.13	0.04	0.013	No	25L0490-01
POC-08	1/19/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26A0483-03
POC-08	2/16/2026	Aluminum	mg/L	<0.066	0.2	0.066	No	26B0497-03
POC-08	4/15/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26D0483-03
POC-08	7/23/2025	Antimony	mg/L	0.0019	0.0005	NA	YES	25G0696-09
POC-08	8/21/2025	Antimony	mg/L	0.00057	0.0005	NA	No	25H0620-03
POC-08	9/15/2025	Antimony	mg/L	0.000085	0.0005	NA	No	25I0414-04
POC-08	10/16/2025	Antimony	mg/L	0.000069	0.0005	3.90E-05	No	25J0534-01
POC-08	11/11/2025	Antimony	mg/L	0.000076	0.0005	3.90E-05	No	25K0354-02
POC-08	12/16/2025	Antimony	mg/L	0.00005	0.0005	3.90E-05	No	25L0490-01
POC-08	1/19/2026	Antimony	mg/L	0.000047	0.0005	3.90E-05	No	26A0483-03
POC-08	2/16/2026	Antimony	mg/L	<0.000039	0.0005	3.90E-05	No	26B0497-03
POC-08	4/15/2026	Antimony	mg/L	<0.000039	0.0005	3.90E-05	No	26D0483-03
POC-08	7/23/2025	Arsenic	mg/L	0.0053	0.0005	NA	No	25G0696-09
POC-08	8/21/2025	Arsenic	mg/L	0.0014	0.0005	NA	No	25H0620-03
POC-08	9/15/2025	Arsenic	mg/L	0.0014	0.0005	NA	No	25I0414-04
POC-08	10/16/2025	Arsenic	mg/L	0.0014	0.0005	0.0001	No	25J0534-01
POC-08	11/11/2025	Arsenic	mg/L	0.0012	0.0005	0.0001	No	25K0354-02
POC-08	12/16/2025	Arsenic	mg/L	0.0017	0.0005	0.0001	No	25L0490-01
POC-08	1/19/2026	Arsenic	mg/L	0.0035	0.0005	0.0001	No	26A0483-03
POC-08	2/16/2026	Arsenic	mg/L	0.0043	0.0005	0.0001	No	26B0497-03
POC-08	4/15/2026	Arsenic	mg/L	0.005	0.0005	0.0001	No	26D0483-03
POC-08	7/23/2025	Barium	mg/L	0.021	0.0005	NA	No	25G0696-09
POC-08	8/21/2025	Barium	mg/L	0.035	0.0005	NA	No	25H0620-03
POC-08	9/15/2025	Barium	mg/L	0.035	0.0005	NA	No	25I0414-04

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-08	10/16/2025	Barium	mg/L	0.044	0.0005	2.90E-05	No	25J0534-01
POC-08	11/11/2025	Barium	mg/L	0.045	0.0005	2.90E-05	No	25K0354-02
POC-08	12/16/2025	Barium	mg/L	0.039	0.0005	2.90E-05	No	25L0490-01
POC-08	1/19/2026	Barium	mg/L	0.048	0.0005	2.90E-05	No	26A0483-03
POC-08	2/16/2026	Barium	mg/L	0.042	0.0005	2.90E-05	No	26B0497-03
POC-08	4/15/2026	Barium	mg/L	0.032	0.0005	2.90E-05	No	26D0483-03
POC-08	7/23/2025	Benzene	ug/L	<0.50	0.5	NA	No	25G0696-09
POC-08	8/21/2025	Benzene	ug/L	<0.50	0.5	NA	No	25H0620-03
POC-08	9/15/2025	Benzene	ug/L	<0.50	0.5	NA	No	25I0414-04
POC-08	10/16/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25J0534-01
POC-08	11/11/2025	Benzene	ug/L	0.19	0.5	0.063	No	25K0354-02
POC-08	12/16/2025	Benzene	ug/L	0.32	0.5	0.063	No	25L0490-01
POC-08	1/19/2026	Benzene	ug/L	0.07	0.5	0.063	No	26A0483-03
POC-08	2/16/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26B0497-03
POC-08	4/15/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26D0483-03
POC-08	7/23/2025	Beryllium	mg/L	<0.00025	0.00025	NA	No	25G0696-09
POC-08	8/21/2025	Beryllium	mg/L	<0.00025	0.00025	NA	No	25H0620-03
POC-08	9/15/2025	Beryllium	mg/L	<0.00025	0.00025	NA	No	25I0414-04
POC-08	10/16/2025	Beryllium	mg/L	<0.000013	0.00025	1.30E-05	No	25J0534-01
POC-08	11/11/2025	Beryllium	mg/L	<0.000013	0.00025	1.30E-05	No	25K0354-02
POC-08	12/16/2025	Beryllium	mg/L	0.000076	0.00025	1.30E-05	No	25L0490-01
POC-08	1/19/2026	Beryllium	mg/L	<0.000013	0.00025	1.30E-05	No	26A0483-03
POC-08	2/16/2026	Beryllium	mg/L	<0.000066	0.0013	6.60E-05	No	26B0497-03
POC-08	4/15/2026	Beryllium	mg/L	0.000017	0.00025	1.30E-05	No	26D0483-03
POC-08	7/23/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25G0696-09
POC-08	8/21/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25H0620-03
POC-08	9/15/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25I0414-04
POC-08	10/16/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25J0534-01
POC-08	11/11/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25K0354-02
POC-08	12/16/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25L0490-01
POC-08	1/19/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26A0483-03
POC-08	2/16/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26B0497-03
POC-08	4/15/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26D0483-03
POC-08	7/23/2025	Calcium	mg/L	93	4	NA	No	25G0696-09
POC-08	8/21/2025	Calcium	mg/L	81	4	NA	No	25H0620-03
POC-08	9/15/2025	Calcium	mg/L	85	4	NA	No	25I0414-04
POC-08	10/16/2025	Calcium	mg/L	78	4	0.13	No	25J0534-01
POC-08	11/11/2025	Calcium	mg/L	88	4	0.13	No	25K0354-02
POC-08	12/16/2025	Calcium	mg/L	72	4	0.13	No	25L0490-01
POC-08	1/19/2026	Calcium	mg/L	<0.13	4	0.13	No	26A0483-03
POC-08	2/16/2026	Calcium	mg/L	71	4	0.13	No	26B0497-03
POC-08	4/15/2026	Calcium	mg/L	71	4	0.13	No	26D0483-03
POC-08	7/23/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25G0696-09
POC-08	8/21/2025	Carbon disulfide	ug/L	0.61	2	NA	No	25H0620-03
POC-08	9/15/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25I0414-04
POC-08	10/16/2025	Carbon disulfide	ug/L	0.21	2	0.11	No	25J0534-01
POC-08	11/11/2025	Carbon disulfide	ug/L	0.21	2	0.11	No	25K0354-02
POC-08	12/16/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25L0490-01
POC-08	1/19/2026	Carbon disulfide	ug/L	0.14	2	0.11	No	26A0483-03
POC-08	2/16/2026	Carbon disulfide	ug/L	0.28	2	0.11	No	26B0497-03
POC-08	4/15/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26D0483-03
POC-08	7/23/2025	Chloride	mg/L	8.8	1	NA	No	25G0696-09
POC-08	8/21/2025	Chloride	mg/L	9.5	1	NA	No	25H0620-03
POC-08	9/15/2025	Chloride	mg/L	10	1	NA	No	25I0414-04
POC-08	10/16/2025	Chloride	mg/L	9.9	1	0.75	No	25J0534-01
POC-08	11/11/2025	Chloride	mg/L	11	1	0.75	No	25K0354-02
POC-08	12/16/2025	Chloride	mg/L	<0.75	1	0.75	No	25L0490-01
POC-08	1/19/2026	Chloride	mg/L	10	1	0.75	No	26A0483-03
POC-08	2/16/2026	Chloride	mg/L	10	1	0.75	No	26B0497-03
POC-08	4/15/2026	Chloride	mg/L	10	1	0.75	No	26D0483-03
POC-08	7/23/2025	Chromium	mg/L	0.00033	0.0005	NA	No	25G0696-09
POC-08	8/21/2025	Chromium	mg/L	0.00012	0.0005	NA	No	25H0620-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-08	9/15/2025	Chromium	mg/L	0.00076	0.0005	NA	No	25I0414-04
POC-08	10/16/2025	Chromium	mg/L	0.000064	0.0005	2.30E-05	No	25J0534-01
POC-08	11/11/2025	Chromium	mg/L	0.00084	0.0005	2.30E-05	No	25K0354-02
POC-08	12/16/2025	Chromium	mg/L	<0.000023	0.0005	2.30E-05	No	25L0490-01
POC-08	1/19/2026	Chromium	mg/L	0.00054	0.0005	2.30E-05	No	26A0483-03
POC-08	2/16/2026	Chromium	mg/L	<0.00012	0.0025	0.00012	No	26B0497-03
POC-08	4/15/2026	Chromium	mg/L	0.00034	0.0005	2.30E-05	No	26D0483-03
POC-08	7/23/2025	Cobalt	mg/L	0.00095	0.00025	NA	No	25G0696-09
POC-08	8/21/2025	Cobalt	mg/L	0.00031	0.00025	NA	No	25H0620-03
POC-08	9/15/2025	Cobalt	mg/L	0.00014	0.00025	NA	No	25I0414-04
POC-08	10/16/2025	Cobalt	mg/L	0.00013	0.00025	1.00E-05	No	25J0534-01
POC-08	11/11/2025	Cobalt	mg/L	0.00014	0.00025	1.00E-05	No	25K0354-02
POC-08	12/16/2025	Cobalt	mg/L	0.00032	0.00025	1.00E-05	No	25L0490-01
POC-08	1/19/2026	Cobalt	mg/L	0.000088	0.00025	1.00E-05	No	26A0483-03
POC-08	2/16/2026	Cobalt	mg/L	<0.000052	0.0013	5.20E-05	No	26B0497-03
POC-08	4/15/2026	Cobalt	mg/L	0.000087	0.00025	1.00E-05	No	26D0483-03
POC-08	7/23/2025	Conductivity	mhos/cm	596.6	NA	NA	No	NA
POC-08	8/21/2025	Conductivity	mhos/cm	574.9	NA	NA	No	NA
POC-08	9/15/2025	Conductivity	mhos/cm	562.9	NA	NA	No	NA
POC-08	10/16/2025	Conductivity	mhos/cm	552	NA	NA	No	NA
POC-08	11/11/2025	Conductivity	mhos/cm	540.7	NA	NA	No	NA
POC-08	12/16/2025	Conductivity	mhos/cm	541.8	NA	NA	No	NA
POC-08	1/19/2026	Conductivity	mhos/cm	520.2	NA	NA	No	NA
POC-08	2/16/2026	Conductivity	mhos/cm	512.1	NA	NA	No	NA
POC-08	4/15/2026	Conductivity	mhos/cm	515.8	NA	NA	No	NA
POC-08	7/23/2025	Copper	mg/L	0.0027	0.0005	NA	No	25G0696-09
POC-08	8/21/2025	Copper	mg/L	0.00053	0.0005	NA	No	25H0620-03
POC-08	9/15/2025	Copper	mg/L	0.00039	0.0005	NA	No	25I0414-04
POC-08	10/16/2025	Copper	mg/L	0.00038	0.0005	0.00015	No	25J0534-01
POC-08	11/11/2025	Copper	mg/L	0.00078	0.0005	0.00015	No	25K0354-02
POC-08	12/16/2025	Copper	mg/L	0.0027	0.0005	0.00015	No	25L0490-01
POC-08	1/19/2026	Copper	mg/L	0.00062	0.0005	0.00015	No	26A0483-03
POC-08	2/16/2026	Copper	mg/L	<0.00077	0.0025	0.00077	No	26B0497-03
POC-08	4/15/2026	Copper	mg/L	0.0035	0.0005	0.00015	No	26D0483-03
POC-08	7/23/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25G0696-09
POC-08	8/21/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25H0620-03
POC-08	9/15/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25I0414-04
POC-08	10/16/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25J0534-01
POC-08	11/11/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25K0354-02
POC-08	12/16/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25L0490-01
POC-08	1/19/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26A0483-03
POC-08	2/16/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26B0497-03
POC-08	4/15/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26D0483-03
POC-08	7/23/2025	DTW	ft	289.3	NA	NA	No	NA
POC-08	8/21/2025	DTW	ft	284.2	NA	NA	No	NA
POC-08	9/15/2025	DTW	ft	282.5	NA	NA	No	NA
POC-08	10/16/2025	DTW	ft	281.1	NA	NA	No	NA
POC-08	11/11/2025	DTW	ft	280.4	NA	NA	No	NA
POC-08	12/16/2025	DTW	ft	279.3	NA	NA	No	NA
POC-08	1/19/2026	DTW	ft	278.7	NA	NA	No	NA
POC-08	2/16/2026	DTW	ft	278.3	NA	NA	No	NA
POC-08	4/15/2026	DTW	ft	277.9	NA	NA	No	NA
POC-08	7/23/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25G0696-09
POC-08	8/21/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25H0620-03
POC-08	9/15/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25I0414-04
POC-08	10/16/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25J0534-01
POC-08	11/11/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25K0354-02
POC-08	12/16/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25L0490-01
POC-08	1/19/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26A0483-03
POC-08	2/16/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26B0497-03
POC-08	4/15/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26D0483-03
POC-08	7/23/2025	Fluoride	mg/L	1.4	0.5	NA	No	25G0696-09

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-08	8/21/2025	Fluoride	mg/L	1.3	0.5	NA	No	25H0620-03
POC-08	9/15/2025	Fluoride	mg/L	1.3	0.5	NA	No	25I0414-04
POC-08	10/16/2025	Fluoride	mg/L	1.3	0.5	0.18	No	25J0534-01
POC-08	11/11/2025	Fluoride	mg/L	1.4	0.5	0.18	No	25K0354-02
POC-08	12/16/2025	Fluoride	mg/L	2.3	0.5	0.18	No	25L0490-01
POC-08	1/19/2026	Fluoride	mg/L	1.5	0.5	0.18	No	26A0483-03
POC-08	2/16/2026	Fluoride	mg/L	1.7	0.5	0.18	No	26B0497-03
POC-08	4/15/2026	Fluoride	mg/L	1.7	0.5	0.18	No	26D0483-03
POC-08	7/23/2025	Gross Alpha Activity	pCi/L	17.9	NA	NA	YES	25G0696-09
POC-08	8/21/2025	Gross Alpha Activity	pCi/L	4.4	NA	NA	No	25H0620-03
POC-08	9/17/2025	Gross Alpha Activity	pCi/L	2	NA	NA	No	25I0414-04
POC-08	10/16/2025	Gross Alpha Activity	pCi/L	<2.6	NA	NA	No	25J0534-01
POC-08	11/11/2025	Gross Alpha Activity	pCi/L	<1.1	NA	NA	No	25K0354-02
POC-08	12/17/2025	Gross Alpha Activity	pCi/L	0.7	NA	NA	No	25L0490-01
POC-08	1/19/2026	Gross Alpha Activity	pCi/L	2.3	NA	NA	No	26A0483-03
POC-08	2/16/2026	Gross Alpha Activity	pCi/L	1.8	NA	NA	No	26B0497-03
POC-08	4/14/2026	Gross Alpha Activity	pCi/L	2.2	NA	NA	No	26D0483-03
POC-08	7/23/2025	Iron	mg/L	0.2	0.3	NA	No	25G0696-09
POC-08	8/21/2025	Iron	mg/L	2	0.33	NA	No	25H0620-03
POC-08	9/15/2025	Iron	mg/L	2.5	0.3	NA	No	25I0414-04
POC-08	10/16/2025	Iron	mg/L	1.5	0.3	0.02	No	25J0534-01
POC-08	11/11/2025	Iron	mg/L	0.55	0.3	0.02	No	25K0354-02
POC-08	12/16/2025	Iron	mg/L	0.3	0.33	0.022	No	25L0490-01
POC-08	1/19/2026	Iron	mg/L	0.56	0.33	0.022	No	26A0483-03
POC-08	2/16/2026	Iron	mg/L	0.41	0.3	0.02	No	26B0497-03
POC-08	4/15/2026	Iron	mg/L	0.41	0.3	0.02	No	26D0483-03
POC-08	7/23/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25G0696-09
POC-08	8/21/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25H0620-03
POC-08	9/15/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25I0414-04
POC-08	10/16/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25J0534-01
POC-08	11/11/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25K0354-02
POC-08	12/16/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25L0490-01
POC-08	1/19/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26A0483-03
POC-08	2/16/2026	Lead	mg/L	0.00022	0.0005	5.70E-05	No	26B0497-03
POC-08	4/15/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26D0483-03
POC-08	7/23/2025	Magnesium	mg/L	11	3	NA	No	25G0696-09
POC-08	8/21/2025	Magnesium	mg/L	12	3	NA	No	25H0620-03
POC-08	9/15/2025	Magnesium	mg/L	13	3	NA	No	25I0414-04
POC-08	10/16/2025	Magnesium	mg/L	12	3	0.1	No	25J0534-01
POC-08	11/11/2025	Magnesium	mg/L	13	3	0.1	No	25K0354-02
POC-08	12/16/2025	Magnesium	mg/L	11	3	0.1	No	25L0490-01
POC-08	1/19/2026	Magnesium	mg/L	<0.10	3	0.1	No	26A0483-03
POC-08	2/16/2026	Magnesium	mg/L	9.6	3	0.1	No	26B0497-03
POC-08	4/15/2026	Magnesium	mg/L	9.3	3	0.1	No	26D0483-03
POC-08	7/23/2025	Manganese	mg/L	0.099	0.00025	NA	No	25G0696-09
POC-08	8/21/2025	Manganese	mg/L	0.25	0.00025	NA	No	25H0620-03
POC-08	9/15/2025	Manganese	mg/L	0.1	0.00025	NA	No	25I0414-04
POC-08	10/16/2025	Manganese	mg/L	0.35	0.00025	3.80E-05	No	25J0534-01
POC-08	11/11/2025	Manganese	mg/L	0.28	0.00025	3.80E-05	No	25K0354-02
POC-08	12/16/2025	Manganese	mg/L	0.17	0.00025	3.80E-05	No	25L0490-01
POC-08	1/19/2026	Manganese	mg/L	0.3	0.00025	3.80E-05	No	26A0483-03
POC-08	2/16/2026	Manganese	mg/L	0.26	0.0013	0.00019	No	26B0497-03
POC-08	4/15/2026	Manganese	mg/L	0.18	0.00025	3.80E-05	No	26D0483-03
POC-08	7/23/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25G0696-09
POC-08	8/21/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25H0620-03
POC-08	9/15/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25I0414-04
POC-08	10/16/2025	Mercury	mg/L	0.00039	0.001	0.00015	No	25J0534-01
POC-08	11/11/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25K0354-02
POC-08	12/16/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25L0490-01
POC-08	1/19/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26A0483-03
POC-08	2/16/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26B0497-03
POC-08	4/15/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26D0483-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-08	7/23/2025	Molybdenum	mg/L	1.2	0.0005	NA	No	25G0696-09
POC-08	8/21/2025	Molybdenum	mg/L	0.82	0.0005	NA	No	25H0620-03
POC-08	9/15/2025	Molybdenum	mg/L	0.84	0.00025	NA	No	25I0414-04
POC-08	10/16/2025	Molybdenum	mg/L	0.84	0.0005	5.00E-05	No	25J0534-01
POC-08	11/11/2025	Molybdenum	mg/L	0.85	0.00025	2.50E-05	No	25K0354-02
POC-08	12/16/2025	Molybdenum	mg/L	0.81	0.00025	2.50E-05	No	25L0490-01
POC-08	1/19/2026	Molybdenum	mg/L	<0.000025	0.00025	2.50E-05	No	26A0483-03
POC-08	2/16/2026	Molybdenum	mg/L	0.85	0.0013	0.00012	No	26B0497-03
POC-08	4/15/2026	Molybdenum	mg/L	0.75	0.00025	2.50E-05	No	26D0483-03
POC-08	7/23/2025	Nickel	mg/L	0.0033	0.0005	NA	No	25G0696-09
POC-08	8/21/2025	Nickel	mg/L	0.0022	0.0005	NA	No	25H0620-03
POC-08	9/15/2025	Nickel	mg/L	0.0016	0.0005	NA	No	25I0414-04
POC-08	10/16/2025	Nickel	mg/L	0.0009	0.0005	1.50E-05	No	25J0534-01
POC-08	11/11/2025	Nickel	mg/L	0.0014	0.0005	1.50E-05	No	25K0354-02
POC-08	12/16/2025	Nickel	mg/L	0.00028	0.0005	1.50E-05	No	25L0490-01
POC-08	1/19/2026	Nickel	mg/L	0.00089	0.0005	1.50E-05	No	26A0483-03
POC-08	2/16/2026	Nickel	mg/L	0.00085	0.0025	7.60E-05	No	26B0497-03
POC-08	4/15/2026	Nickel	mg/L	0.00071	0.0005	1.50E-05	No	26D0483-03
POC-08	7/23/2025	Nitrate and Nitrite Sum	NA	<0.60	0.6	NA	No	25G0696-09
POC-08	8/21/2025	Nitrate and Nitrite Sum	NA	0.22	0.6	NA	No	25H0620-03
POC-08	9/15/2025	Nitrate and Nitrite Sum	NA	<0.60	0.6	NA	No	25I0414-04
POC-08	10/16/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25J0534-01
POC-08	11/11/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25K0354-02
POC-08	12/16/2025	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	25L0490-01
POC-08	1/19/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26A0483-03
POC-08	2/16/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26B0497-03
POC-08	4/15/2026	Nitrate and Nitrite Sum	NA	<0.28	0.6	0.28	No	26D0483-03
POC-08	7/23/2025	Nitrogen, Nitrate (As N)	mg/L	<0.50	0.5	NA	No	25G0696-09
POC-08	8/21/2025	Nitrogen, Nitrate (As N)	mg/L	0.22	0.5	NA	No	25H0620-03
POC-08	9/15/2025	Nitrogen, Nitrate (As N)	mg/L	<0.50	0.5	NA	No	25I0414-04
POC-08	10/16/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25J0534-01
POC-08	11/11/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25K0354-02
POC-08	12/16/2025	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	25L0490-01
POC-08	1/19/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26A0483-03
POC-08	2/16/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26B0497-03
POC-08	4/15/2026	Nitrogen, Nitrate (As N)	mg/L	<0.27	0.5	0.27	No	26D0483-03
POC-08	7/23/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25G0696-09
POC-08	8/21/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25H0620-03
POC-08	9/15/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25I0414-04
POC-08	10/16/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25J0534-01
POC-08	11/11/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25K0354-02
POC-08	12/16/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25L0490-01
POC-08	1/19/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26A0483-03
POC-08	2/16/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26B0497-03
POC-08	4/15/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26D0483-03
POC-08	7/23/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25G0696-09
POC-08	8/21/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25H0620-03
POC-08	9/15/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25I0414-04
POC-08	10/16/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25J0534-01
POC-08	11/11/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25K0354-02
POC-08	12/16/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25L0490-01
POC-08	1/19/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26A0483-03
POC-08	2/16/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26B0497-03
POC-08	4/15/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26D0483-03
POC-08	7/23/2025	pH	s.u.	7.84	NA	NA	No	NA
POC-08	8/21/2025	pH	s.u.	7.7	NA	NA	No	NA
POC-08	9/15/2025	pH	s.u.	7.67	NA	NA	No	NA
POC-08	10/16/2025	pH	s.u.	7.87	NA	NA	No	NA
POC-08	11/11/2025	pH	s.u.	7.92	NA	NA	No	NA
POC-08	12/16/2025	pH	s.u.	7.19	NA	NA	No	NA
POC-08	1/19/2026	pH	s.u.	7.95	NA	NA	No	NA
POC-08	2/16/2026	pH	s.u.	8.04	NA	NA	No	NA

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-08	4/15/2026	pH	s.u.	7.82	NA	NA	No	NA
POC-08	8/21/2025	pH (pH Units)	-	7.6	NA	NA	No	25H0620-03
POC-08	9/15/2025	pH (pH Units)	-	7.5	NA	NA	No	25I0414-04
POC-08	10/16/2025	pH (pH Units)	-	7.6	NA	NA	No	25J0534-01
POC-08	11/11/2025	pH (pH Units)	-	7.9	NA	NA	No	25K0354-02
POC-08	12/16/2025	pH (pH Units)	-	7.9	NA	NA	No	25L0490-01
POC-08	1/19/2026	pH (pH Units)	-	7.8	NA	NA	No	26A0483-03
POC-08	2/16/2026	pH (pH Units)	-	7.7	NA	NA	No	26B0497-03
POC-08	4/15/2026	pH (pH Units)	-	7.9	NA	NA	No	26D0483-03
POC-08	7/23/2025	Potassium	mg/L	2.5	5	NA	No	25G0696-09
POC-08	8/21/2025	Potassium	mg/L	2.9	5	NA	No	25H0620-03
POC-08	9/15/2025	Potassium	mg/L	2.8	5	NA	No	25I0414-04
POC-08	10/16/2025	Potassium	mg/L	2.9	5	0.14	No	25J0534-01
POC-08	11/11/2025	Potassium	mg/L	2.7	5	0.14	No	25K0354-02
POC-08	12/16/2025	Potassium	mg/L	2.7	5	0.14	No	25L0490-01
POC-08	1/19/2026	Potassium	mg/L	2.7	5	0.14	No	26A0483-03
POC-08	2/16/2026	Potassium	mg/L	2.5	5	0.14	No	26B0497-03
POC-08	4/15/2026	Potassium	mg/L	2.4	5	0.14	No	26D0483-03
POC-08	7/23/2025	Selenium	mg/L	0.0055	0.0025	NA	No	25G0696-09
POC-08	8/21/2025	Selenium	mg/L	0.0015	0.0025	NA	No	25H0620-03
POC-08	9/15/2025	Selenium	mg/L	0.0012	0.0025	NA	No	25I0414-04
POC-08	10/16/2025	Selenium	mg/L	0.0008	0.0025	0.00025	No	25J0534-01
POC-08	11/11/2025	Selenium	mg/L	0.0008	0.0025	0.00025	No	25K0354-02
POC-08	12/16/2025	Selenium	mg/L	<0.00025	0.0025	0.00025	No	25L0490-01
POC-08	1/19/2026	Selenium	mg/L	0.0006	0.0025	0.00025	No	26A0483-03
POC-08	2/16/2026	Selenium	mg/L	0.00053	0.0025	0.00025	No	26B0497-03
POC-08	4/15/2026	Selenium	mg/L	0.00066	0.0025	0.00025	No	26D0483-03
POC-08	7/23/2025	Sodium	mg/L	13	5	NA	No	25G0696-09
POC-08	8/21/2025	Sodium	mg/L	16	5	NA	No	25H0620-03
POC-08	9/15/2025	Sodium	mg/L	16	5	NA	No	25I0414-04
POC-08	10/16/2025	Sodium	mg/L	16	5	0.58	No	25J0534-01
POC-08	11/11/2025	Sodium	mg/L	16	5	0.58	No	25K0354-02
POC-08	12/16/2025	Sodium	mg/L	16	5	0.58	No	25L0490-01
POC-08	1/19/2026	Sodium	mg/L	16	5	0.58	No	26A0483-03
POC-08	2/16/2026	Sodium	mg/L	15	5	0.58	No	26B0497-03
POC-08	4/15/2026	Sodium	mg/L	15	5	0.58	No	26D0483-03
POC-08	7/23/2025	Sulfate	mg/L	150	50	NA	No	25G0696-09
POC-08	8/21/2025	Sulfate	mg/L	140	50	NA	No	25H0620-03
POC-08	9/15/2025	Sulfate	mg/L	130	50	NA	No	25I0414-04
POC-08	10/16/2025	Sulfate	mg/L	130	50	28	No	25J0534-01
POC-08	11/11/2025	Sulfate	mg/L	110	10	5.6	No	25K0354-02
POC-08	12/16/2025	Sulfate	mg/L	110	10	5.6	No	25L0490-01
POC-08	1/19/2026	Sulfate	mg/L	110	10	5.6	No	26A0483-03
POC-08	2/16/2026	Sulfate	mg/L	110	10	5.6	No	26B0497-03
POC-08	4/15/2026	Sulfate	mg/L	120	10	5.6	No	26D0483-03
POC-08	7/23/2025	Field Temperature	°C	21.6	NA	NA	No	NA
POC-08	8/21/2025	Field Temperature	°C	23.2	NA	NA	No	NA
POC-08	9/15/2025	Field Temperature	°C	19.6	NA	NA	No	NA
POC-08	10/16/2025	Field Temperature	°C	19.6	NA	NA	No	NA
POC-08	11/11/2025	Field Temperature	°C	17.1	NA	NA	No	NA
POC-08	12/16/2025	Field Temperature	°C	14	NA	NA	No	NA
POC-08	1/19/2026	Field Temperature	°C	15.2	NA	NA	No	NA
POC-08	2/16/2026	Field Temperature	°C	16.6	NA	NA	No	NA
POC-08	4/15/2026	Field Temperature	°C	21	NA	NA	No	NA
POC-08	7/23/2025	Thallium	mg/L	0.000042	0.0005	NA	No	25G0696-09
POC-08	8/21/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25H0620-03
POC-08	9/15/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25I0414-04
POC-08	10/16/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25J0534-01
POC-08	11/11/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25K0354-02
POC-08	12/16/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25L0490-01
POC-08	1/19/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26A0483-03
POC-08	2/16/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26B0497-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-08	4/15/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26D0483-03
POC-08	7/23/2025	Toluene	ug/L	2.3	0.5	NA	No	25G0696-09
POC-08	8/21/2025	Toluene	ug/L	0.18	0.5	NA	No	25H0620-03
POC-08	9/15/2025	Toluene	ug/L	0.25	0.5	NA	No	25I0414-04
POC-08	10/16/2025	Toluene	ug/L	0.22	0.5	0.057	No	25J0534-01
POC-08	11/11/2025	Toluene	ug/L	0.29	0.5	0.057	No	25K0354-02
POC-08	12/16/2025	Toluene	ug/L	0.18	0.5	0.057	No	25L0490-01
POC-08	1/19/2026	Toluene	ug/L	0.15	0.5	0.057	No	26A0483-03
POC-08	2/16/2026	Toluene	ug/L	0.07	0.5	0.057	No	26B0497-03
POC-08	4/15/2026	Toluene	ug/L	0.085	0.5	0.057	No	26D0483-03
POC-08	7/23/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	440	20	NA	No	25G0696-09
POC-08	8/21/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	400	20	NA	No	25H0620-03
POC-08	9/15/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	410	20	NA	No	25I0414-04
POC-08	10/16/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	390	20	20	No	25J0534-01
POC-08	11/11/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	380	20	20	No	25K0354-02
POC-08	12/16/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	380	20	20	No	25L0490-01
POC-08	1/19/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	370	20	20	No	26A0483-03
POC-08	2/16/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	370	20	20	No	26B0497-03
POC-08	4/15/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	390	20	20	No	26D0483-03
POC-08	7/23/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25G0696-09
POC-08	8/21/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25H0620-03
POC-08	9/17/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25I0414-04
POC-08	10/16/2025	Total Radium	pCi/L	<0.9	NA	NA	No	25J0534-01
POC-08	11/11/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25K0354-02
POC-08	12/17/2025	Total Radium	pCi/L	<0.7	NA	NA	No	25L0490-01
POC-08	1/19/2026	Total Radium	pCi/L	0.9	NA	NA	No	26A0483-03
POC-08	2/16/2026	Total Radium	pCi/L	<0.7	NA	NA	No	26B0497-03
POC-08	4/14/2026	Total Radium	pCi/L	<0.8	NA	NA	No	26D0483-03
POC-08	7/23/2025	Uranium	mg/L	0.021	0.0005	NA	YES	25G0696-09
POC-08	8/21/2025	Uranium	mg/L	0.004	0.005	NA	No	25H0620-03
POC-08	9/15/2025	Uranium	mg/L	0.0016	0.00056	NA	No	25I0414-04
POC-08	10/16/2025	Uranium	mg/L	0.00049	0.0005	1.50E-05	No	25J0534-01
POC-08	11/11/2025	Uranium	mg/L	0.00013	0.00056	1.60E-05	No	25K0354-02
POC-08	12/16/2025	Uranium	mg/L	0.00032	0.00056	1.60E-05	No	25L0490-01
POC-08	1/19/2026	Uranium	mg/L	0.0006	0.00056	1.60E-05	No	26A0483-03
POC-08	2/16/2026	Uranium	mg/L	0.00092	0.00056	1.60E-05	No	26B0497-03
POC-08	4/15/2026	Uranium	mg/L	0.00095	0.00056	1.60E-05	No	26D0483-03
POC-08	7/23/2025	Uranium Total Activity	pCi/L	15.5	NA	NA	No	25G0696-09
POC-08	8/21/2025	Uranium Total Activity	pCi/L	4.1	NA	NA	No	25H0620-03
POC-08	9/17/2025	Uranium Total Activity	pCi/L	1.2	NA	NA	No	25I0414-04
POC-08	10/16/2025	Uranium Total Activity	pCi/L	<0.8	NA	NA	No	25J0534-01
POC-08	11/11/2025	Uranium Total Activity	pCi/L	<0.8	NA	NA	No	25K0354-02
POC-08	12/17/2025	Uranium Total Activity	pCi/L	<0.8	NA	NA	No	25L0490-01
POC-08	1/19/2026	Uranium Total Activity	pCi/L	<0.4	NA	NA	No	26A0483-03
POC-08	2/16/2026	Uranium Total Activity	pCi/L	0.8	NA	NA	No	26B0497-03
POC-08	4/14/2026	Uranium Total Activity	pCi/L	1.2	NA	NA	No	26D0483-03
POC-08	7/23/2025	Uranium Total Content	ug/L	18	NA	NA	No	25G0696-09
POC-08	8/21/2025	Uranium Total Content	ug/L	4	NA	NA	No	25H0620-03
POC-08	9/17/2025	Uranium Total Content	ug/L	1.8	NA	NA	No	25I0414-04
POC-08	10/16/2025	Uranium Total Content	ug/L	<1.7	NA	NA	No	25J0534-01
POC-08	11/11/2025	Uranium Total Content	ug/L	<1.7	NA	NA	No	25K0354-02
POC-08	12/17/2025	Uranium Total Content	ug/L	<1.7	NA	NA	No	25L0490-01
POC-08	1/19/2026	Uranium Total Content	ug/L	<0.8	NA	NA	No	26A0483-03
POC-08	2/16/2026	Uranium Total Content	ug/L	1.2	NA	NA	No	26B0497-03
POC-08	4/14/2026	Uranium Total Content	ug/L	1.7	NA	NA	No	26D0483-03
POC-08	7/23/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25G0696-09
POC-08	8/21/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25H0620-03
POC-08	9/15/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25I0414-04
POC-08	10/16/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25J0534-01
POC-08	11/11/2025	Xylenes, Total	ug/L	0.22	1.5	0.13	No	25K0354-02
POC-08	12/16/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25L0490-01
POC-08	1/19/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26A0483-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-08	2/16/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26B0497-03
POC-08	4/15/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26D0483-03
POC-08	7/23/2025	Zinc	mg/L	0.053	0.04	NA	No	25G0696-09
POC-08	8/21/2025	Zinc	mg/L	0.0027	0.04	NA	No	25H0620-03
POC-08	9/15/2025	Zinc	mg/L	<0.040	0.04	NA	No	25I0414-04
POC-08	10/16/2025	Zinc	mg/L	<0.0023	0.04	0.0023	No	25J0534-01
POC-08	11/11/2025	Zinc	mg/L	<0.0023	0.04	0.0023	No	25K0354-02
POC-08	12/16/2025	Zinc	mg/L	0.015	0.04	0.0023	No	25L0490-01
POC-08	1/19/2026	Zinc	mg/L	<0.0023	0.04	0.0023	No	26A0483-03
POC-08	2/16/2026	Zinc	mg/L	<0.011	0.2	0.011	No	26B0497-03
POC-08	4/15/2026	Zinc	mg/L	<0.0023	0.04	0.0023	No	26D0483-03
POC-09	7/23/2025	Adjusted Gross Alpha	pCi/L	2.1	NA	NA	No	25G0696-07
POC-09	8/21/2025	Adjusted Gross Alpha	pCi/L	0.5	NA	NA	No	25H0620-02
POC-09	9/17/2025	Adjusted Gross Alpha	pCi/L	1.2	NA	NA	No	25I0414-03
POC-09	10/16/2025	Adjusted Gross Alpha	pCi/L	1.3	NA	NA	No	25J0534-02
POC-09	11/13/2025	Adjusted Gross Alpha	pCi/L	1.3	NA	NA	No	25K0453-03
POC-09	12/17/2025	Adjusted Gross Alpha	pCi/L	0.4	NA	NA	No	25L0451-02
POC-09	1/19/2026	Adjusted Gross Alpha	pCi/L	<1	NA	NA	No	26A0483-02
POC-09	2/16/2026	Adjusted Gross Alpha	pCi/L	2.1	NA	NA	No	26B0497-02
POC-09	4/14/2026	Adjusted Gross Alpha	pCi/L	1.2	NA	NA	No	26D0483-02
POC-09	7/23/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	NA	No	25G0696-07
POC-09	8/21/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	220	2	NA	No	25H0620-02
POC-09	9/15/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	220	2	NA	No	25I0414-03
POC-09	10/16/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	220	2	2	No	25J0534-02
POC-09	11/13/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	230	2	2	No	25K0453-03
POC-09	12/15/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	250	2	2	No	25L0451-02
POC-09	1/19/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	240	2	2	No	26A0483-02
POC-09	2/16/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	250	2	2	No	26B0497-02
POC-09	4/15/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	240	2	2	No	26D0483-02
POC-09	7/23/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-07
POC-09	8/21/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25H0620-02
POC-09	9/15/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25I0414-03
POC-09	10/16/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25J0534-02
POC-09	11/13/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25K0453-03
POC-09	12/15/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25L0451-02
POC-09	1/19/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26A0483-02
POC-09	2/16/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26B0497-02
POC-09	4/15/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26D0483-02
POC-09	7/23/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-07
POC-09	8/21/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25H0620-02
POC-09	9/15/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25I0414-03
POC-09	10/16/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25J0534-02
POC-09	11/13/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25K0453-03
POC-09	12/15/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25L0451-02
POC-09	1/19/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26A0483-02
POC-09	2/16/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26B0497-02
POC-09	4/15/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26D0483-02
POC-09	7/23/2025	Alkalinity, Total (As CaCO3)	mg/L	230	2	NA	No	25G0696-07
POC-09	8/21/2025	Alkalinity, Total (As CaCO3)	mg/L	220	2	NA	No	25H0620-02
POC-09	9/15/2025	Alkalinity, Total (As CaCO3)	mg/L	220	2	NA	No	25I0414-03
POC-09	10/16/2025	Alkalinity, Total (As CaCO3)	mg/L	220	2	2	No	25J0534-02
POC-09	11/13/2025	Alkalinity, Total (As CaCO3)	mg/L	230	2	2	No	25K0453-03
POC-09	12/15/2025	Alkalinity, Total (As CaCO3)	mg/L	250	2	2	No	25L0451-02
POC-09	1/19/2026	Alkalinity, Total (As CaCO3)	mg/L	240	2	2	No	26A0483-02
POC-09	2/16/2026	Alkalinity, Total (As CaCO3)	mg/L	250	2	2	No	26B0497-02
POC-09	4/15/2026	Alkalinity, Total (As CaCO3)	mg/L	240	2	2	No	26D0483-02
POC-09	7/23/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25G0696-07
POC-09	8/21/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25H0620-02
POC-09	9/15/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25I0414-03
POC-09	10/16/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25J0534-02
POC-09	11/13/2025	Aluminum	mg/L	<0.13	0.4	0.13	No	25K0453-03
POC-09	12/15/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25L0451-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-09	1/19/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26A0483-02
POC-09	2/16/2026	Aluminum	mg/L	<0.066	0.2	0.066	No	26B0497-02
POC-09	4/15/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26D0483-02
POC-09	7/23/2025	Antimony	mg/L	0.00027	0.0005	NA	No	25G0696-07
POC-09	8/21/2025	Antimony	mg/L	0.00031	0.0005	NA	No	25H0620-02
POC-09	9/15/2025	Antimony	mg/L	0.00023	0.0005	NA	No	25I0414-03
POC-09	10/16/2025	Antimony	mg/L	0.00024	0.0005	3.90E-05	No	25J0534-02
POC-09	11/13/2025	Antimony	mg/L	<0.00039	0.005	0.00039	No	25K0453-03
POC-09	12/15/2025	Antimony	mg/L	0.00017	0.0005	3.90E-05	No	25L0451-02
POC-09	1/19/2026	Antimony	mg/L	0.00016	0.0005	3.90E-05	No	26A0483-02
POC-09	2/16/2026	Antimony	mg/L	0.00015	0.0005	3.90E-05	No	26B0497-02
POC-09	4/15/2026	Antimony	mg/L	0.00013	0.0005	3.90E-05	No	26D0483-02
POC-09	7/23/2025	Arsenic	mg/L	0.0034	0.0005	NA	No	25G0696-07
POC-09	8/21/2025	Arsenic	mg/L	0.0029	0.0005	NA	No	25H0620-02
POC-09	9/15/2025	Arsenic	mg/L	0.0031	0.0005	NA	No	25I0414-03
POC-09	10/16/2025	Arsenic	mg/L	0.0035	0.0005	0.0001	No	25J0534-02
POC-09	11/13/2025	Arsenic	mg/L	0.0041	0.005	0.001	No	25K0453-03
POC-09	12/15/2025	Arsenic	mg/L	0.004	0.0005	0.0001	No	25L0451-02
POC-09	1/19/2026	Arsenic	mg/L	0.0048	0.0005	0.0001	No	26A0483-02
POC-09	2/16/2026	Arsenic	mg/L	0.0047	0.0005	0.0001	No	26B0497-02
POC-09	4/15/2026	Arsenic	mg/L	0.0042	0.0005	0.0001	No	26D0483-02
POC-09	7/23/2025	Barium	mg/L	0.03	0.0005	NA	No	25G0696-07
POC-09	8/21/2025	Barium	mg/L	0.03	0.0005	NA	No	25H0620-02
POC-09	9/15/2025	Barium	mg/L	0.026	0.0005	NA	No	25I0414-03
POC-09	10/16/2025	Barium	mg/L	0.026	0.0005	2.90E-05	No	25J0534-02
POC-09	11/13/2025	Barium	mg/L	0.028	0.005	0.00029	No	25K0453-03
POC-09	12/15/2025	Barium	mg/L	0.027	0.0005	2.90E-05	No	25L0451-02
POC-09	1/19/2026	Barium	mg/L	0.028	0.0005	2.90E-05	No	26A0483-02
POC-09	2/16/2026	Barium	mg/L	0.024	0.0005	2.90E-05	No	26B0497-02
POC-09	4/15/2026	Barium	mg/L	0.019	0.0005	2.90E-05	No	26D0483-02
POC-09	7/23/2025	Benzene	ug/L	<0.50	0.5	NA	No	25G0696-07
POC-09	8/21/2025	Benzene	ug/L	<0.50	0.5	NA	No	25H0620-02
POC-09	9/15/2025	Benzene	ug/L	<0.50	0.5	NA	No	25I0414-03
POC-09	10/16/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25J0534-02
POC-09	11/13/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25K0453-03
POC-09	12/15/2025	Benzene	ug/L	0.32	0.5	0.063	No	25L0451-02
POC-09	1/19/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26A0483-02
POC-09	2/16/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26B0497-02
POC-09	4/15/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26D0483-02
POC-09	7/23/2025	Beryllium	mg/L	0.000013	0.00025	NA	No	25G0696-07
POC-09	8/21/2025	Beryllium	mg/L	<0.00025	0.00025	NA	No	25H0620-02
POC-09	9/15/2025	Beryllium	mg/L	<0.00025	0.00025	NA	No	25I0414-03
POC-09	10/16/2025	Beryllium	mg/L	0.000014	0.00025	1.30E-05	No	25J0534-02
POC-09	11/13/2025	Beryllium	mg/L	<0.00013	0.0025	0.00013	No	25K0453-03
POC-09	12/15/2025	Beryllium	mg/L	0.000018	0.00025	1.30E-05	No	25L0451-02
POC-09	1/19/2026	Beryllium	mg/L	0.000013	0.00025	1.30E-05	No	26A0483-02
POC-09	2/16/2026	Beryllium	mg/L	<0.000066	0.0013	6.60E-05	No	26B0497-02
POC-09	4/15/2026	Beryllium	mg/L	0.000025	0.00025	1.30E-05	No	26D0483-02
POC-09	7/23/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25G0696-07
POC-09	8/21/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25H0620-02
POC-09	9/15/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25I0414-03
POC-09	10/16/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25J0534-02
POC-09	11/13/2025	Cadmium	mg/L	<0.00050	0.0025	0.0005	No	25K0453-03
POC-09	12/15/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25L0451-02
POC-09	1/19/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26A0483-02
POC-09	2/16/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26B0497-02
POC-09	4/15/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26D0483-02
POC-09	7/23/2025	Calcium	mg/L	61	4	NA	No	25G0696-07
POC-09	8/21/2025	Calcium	mg/L	59	4	NA	No	25H0620-02
POC-09	9/15/2025	Calcium	mg/L	61	4	NA	No	25I0414-03
POC-09	10/16/2025	Calcium	mg/L	62	4	0.13	No	25J0534-02
POC-09	11/13/2025	Calcium	mg/L	70	4	0.13	No	25K0453-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-09	12/15/2025	Calcium	mg/L	59	4	0.13	No	25L0451-02
POC-09	1/19/2026	Calcium	mg/L	69	4	0.13	No	26A0483-02
POC-09	2/16/2026	Calcium	mg/L	65	4	0.13	No	26B0497-02
POC-09	4/15/2026	Calcium	mg/L	66	4	0.13	No	26D0483-02
POC-09	7/23/2025	Carbon disulfide	ug/L	0.14	2	NA	No	25G0696-07
POC-09	8/21/2025	Carbon disulfide	ug/L	0.61	2	NA	No	25H0620-02
POC-09	9/15/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25I0414-03
POC-09	10/16/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25J0534-02
POC-09	11/13/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25K0453-03
POC-09	12/15/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25L0451-02
POC-09	1/19/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26A0483-02
POC-09	2/16/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26B0497-02
POC-09	4/15/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26D0483-02
POC-09	7/23/2025	Chloride	mg/L	11	1	NA	No	25G0696-07
POC-09	8/21/2025	Chloride	mg/L	11	1	NA	No	25H0620-02
POC-09	9/15/2025	Chloride	mg/L	12	1	NA	No	25I0414-03
POC-09	10/16/2025	Chloride	mg/L	11	1	0.75	No	25J0534-02
POC-09	11/13/2025	Chloride	mg/L	12	1	0.75	No	25K0453-03
POC-09	12/15/2025	Chloride	mg/L	12	1	0.75	No	25L0451-02
POC-09	1/19/2026	Chloride	mg/L	11	1	0.75	No	26A0483-02
POC-09	2/16/2026	Chloride	mg/L	11	1	0.75	No	26B0497-02
POC-09	4/15/2026	Chloride	mg/L	11	1	0.75	No	26D0483-02
POC-09	7/23/2025	Chromium	mg/L	0.0013	0.0005	NA	No	25G0696-07
POC-09	8/21/2025	Chromium	mg/L	0.00017	0.0005	NA	No	25H0620-02
POC-09	9/15/2025	Chromium	mg/L	0.00099	0.0005	NA	No	25I0414-03
POC-09	10/16/2025	Chromium	mg/L	0.0002	0.0005	2.30E-05	No	25J0534-02
POC-09	11/13/2025	Chromium	mg/L	<0.00023	0.005	0.00023	No	25K0453-03
POC-09	12/15/2025	Chromium	mg/L	0.00077	0.0005	2.30E-05	No	25L0451-02
POC-09	1/19/2026	Chromium	mg/L	0.0011	0.0005	2.30E-05	No	26A0483-02
POC-09	2/16/2026	Chromium	mg/L	<0.00012	0.0025	0.00012	No	26B0497-02
POC-09	4/15/2026	Chromium	mg/L	0.00083	0.0005	2.30E-05	No	26D0483-02
POC-09	7/23/2025	Cobalt	mg/L	0.00049	0.00025	NA	No	25G0696-07
POC-09	8/21/2025	Cobalt	mg/L	0.00014	0.00025	NA	No	25H0620-02
POC-09	9/15/2025	Cobalt	mg/L	0.00011	0.00025	NA	No	25I0414-03
POC-09	10/16/2025	Cobalt	mg/L	0.000092	0.00025	1.00E-05	No	25J0534-02
POC-09	11/13/2025	Cobalt	mg/L	0.0006	0.0025	0.0001	No	25K0453-03
POC-09	12/15/2025	Cobalt	mg/L	0.00011	0.00025	1.00E-05	No	25L0451-02
POC-09	1/19/2026	Cobalt	mg/L	0.000059	0.00025	1.00E-05	No	26A0483-02
POC-09	2/16/2026	Cobalt	mg/L	<0.000052	0.0013	5.20E-05	No	26B0497-02
POC-09	4/15/2026	Cobalt	mg/L	0.000074	0.00025	1.00E-05	No	26D0483-02
POC-09	7/23/2025	Conductivity	mhos/cm	471	NA	NA	No	NA
POC-09	8/21/2025	Conductivity	mhos/cm	460.2	NA	NA	No	NA
POC-09	9/15/2025	Conductivity	mhos/cm	460.5	NA	NA	No	NA
POC-09	10/16/2025	Conductivity	mhos/cm	472	NA	NA	No	NA
POC-09	11/13/2025	Conductivity	mhos/cm	476.4	NA	NA	No	NA
POC-09	12/15/2025	Conductivity	mhos/cm	476.4	NA	NA	No	NA
POC-09	1/19/2026	Conductivity	mhos/cm	477.1	NA	NA	No	NA
POC-09	2/16/2026	Conductivity	mhos/cm	474.6	NA	NA	No	NA
POC-09	4/15/2026	Conductivity	mhos/cm	497.3	NA	NA	No	NA
POC-09	7/23/2025	Copper	mg/L	0.00086	0.0005	NA	No	25G0696-07
POC-09	8/21/2025	Copper	mg/L	0.0012	0.0005	NA	No	25H0620-02
POC-09	9/15/2025	Copper	mg/L	0.00079	0.0005	NA	No	25I0414-03
POC-09	10/16/2025	Copper	mg/L	0.00069	0.0005	0.00015	No	25J0534-02
POC-09	11/13/2025	Copper	mg/L	0.0081	0.005	0.0015	No	25K0453-03
POC-09	12/15/2025	Copper	mg/L	0.00076	0.0005	0.00015	No	25L0451-02
POC-09	1/19/2026	Copper	mg/L	0.00062	0.0005	0.00015	No	26A0483-02
POC-09	2/16/2026	Copper	mg/L	<0.00077	0.0025	0.00077	No	26B0497-02
POC-09	4/15/2026	Copper	mg/L	0.01	0.0005	0.00015	No	26D0483-02
POC-09	7/23/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25G0696-07
POC-09	8/21/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25H0620-02
POC-09	9/15/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25I0414-03
POC-09	10/16/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25J0534-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-09	11/13/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25K0453-03
POC-09	12/15/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25L0451-02
POC-09	1/19/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26A0483-02
POC-09	2/16/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26B0497-02
POC-09	4/15/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26D0483-02
POC-09	7/23/2025	DTW	ft	107.9	NA	NA	No	NA
POC-09	8/21/2025	DTW	ft	97.44	NA	NA	No	NA
POC-09	9/15/2025	DTW	ft	97.41	NA	NA	No	NA
POC-09	10/16/2025	DTW	ft	97.84	NA	NA	No	NA
POC-09	11/13/2025	DTW	ft	97.62	NA	NA	No	NA
POC-09	12/15/2025	DTW	ft	97.74	NA	NA	No	NA
POC-09	1/19/2026	DTW	ft	98.11	NA	NA	No	NA
POC-09	2/16/2026	DTW	ft	97.94	NA	NA	No	NA
POC-09	4/15/2026	DTW	ft	98.2	NA	NA	No	NA
POC-09	7/23/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25G0696-07
POC-09	8/21/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25H0620-02
POC-09	9/15/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25I0414-03
POC-09	10/16/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25J0534-02
POC-09	11/13/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25K0453-03
POC-09	12/15/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25L0451-02
POC-09	1/19/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26A0483-02
POC-09	2/16/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26B0497-02
POC-09	4/15/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26D0483-02
POC-09	7/23/2025	Fluoride	mg/L	1.1	0.5	NA	No	25G0696-07
POC-09	8/21/2025	Fluoride	mg/L	1.1	0.5	NA	No	25H0620-02
POC-09	9/15/2025	Fluoride	mg/L	1.3	0.5	NA	No	25I0414-03
POC-09	10/16/2025	Fluoride	mg/L	1.2	0.5	0.18	No	25J0534-02
POC-09	11/13/2025	Fluoride	mg/L	1.1	0.5	0.18	No	25K0453-03
POC-09	12/15/2025	Fluoride	mg/L	1.2	0.5	0.18	No	25L0451-02
POC-09	1/19/2026	Fluoride	mg/L	1.3	0.5	0.18	No	26A0483-02
POC-09	2/16/2026	Fluoride	mg/L	1.4	0.5	0.18	No	26B0497-02
POC-09	4/15/2026	Fluoride	mg/L	1.4	0.5	0.18	No	26D0483-02
POC-09	7/23/2025	Gross Alpha Activity	pCi/L	6.7	NA	NA	No	25G0696-07
POC-09	8/21/2025	Gross Alpha Activity	pCi/L	5.2	NA	NA	No	25H0620-02
POC-09	9/17/2025	Gross Alpha Activity	pCi/L	5.8	NA	NA	No	25I0414-03
POC-09	10/16/2025	Gross Alpha Activity	pCi/L	5.3	NA	NA	No	25J0534-02
POC-09	11/13/2025	Gross Alpha Activity	pCi/L	5.5	NA	NA	No	25K0453-03
POC-09	12/17/2025	Gross Alpha Activity	pCi/L	4.9	NA	NA	No	25L0451-02
POC-09	1/19/2026	Gross Alpha Activity	pCi/L	4.8	NA	NA	No	26A0483-02
POC-09	2/16/2026	Gross Alpha Activity	pCi/L	5.6	NA	NA	No	26B0497-02
POC-09	4/14/2026	Gross Alpha Activity	pCi/L	5.1	NA	NA	No	26D0483-02
POC-09	7/23/2025	Iron	mg/L	0.088	0.3	NA	No	25G0696-07
POC-09	8/21/2025	Iron	mg/L	1	0.33	NA	No	25H0620-02
POC-09	9/15/2025	Iron	mg/L	<0.30	0.3	NA	No	25I0414-03
POC-09	10/16/2025	Iron	mg/L	<0.020	0.3	0.02	No	25J0534-02
POC-09	11/13/2025	Iron	mg/L	0.049	0.3	0.02	No	25K0453-03
POC-09	12/15/2025	Iron	mg/L	<0.022	0.33	0.022	No	25L0451-02
POC-09	1/19/2026	Iron	mg/L	<0.022	0.33	0.022	No	26A0483-02
POC-09	2/16/2026	Iron	mg/L	0.049	0.3	0.02	No	26B0497-02
POC-09	4/15/2026	Iron	mg/L	<0.020	0.3	0.02	No	26D0483-02
POC-09	7/23/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25G0696-07
POC-09	8/21/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25H0620-02
POC-09	9/15/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25I0414-03
POC-09	10/16/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25J0534-02
POC-09	11/13/2025	Lead	mg/L	<0.00057	0.005	0.00057	No	25K0453-03
POC-09	12/15/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25L0451-02
POC-09	1/19/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26A0483-02
POC-09	2/16/2026	Lead	mg/L	0.00047	0.0005	5.70E-05	No	26B0497-02
POC-09	4/15/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26D0483-02
POC-09	7/23/2025	Magnesium	mg/L	14	3	NA	No	25G0696-07
POC-09	8/21/2025	Magnesium	mg/L	14	3	NA	No	25H0620-02
POC-09	9/15/2025	Magnesium	mg/L	14	3	NA	No	25I0414-03

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-09	10/16/2025	Magnesium	mg/L	14	3	0.1	No	25J0534-02
POC-09	11/13/2025	Magnesium	mg/L	16	3	0.1	No	25K0453-03
POC-09	12/15/2025	Magnesium	mg/L	14	3	0.1	No	25L0451-02
POC-09	1/19/2026	Magnesium	mg/L	16	3	0.1	No	26A0483-02
POC-09	2/16/2026	Magnesium	mg/L	15	3	0.1	No	26B0497-02
POC-09	4/15/2026	Magnesium	mg/L	15	3	0.1	No	26D0483-02
POC-09	7/23/2025	Manganese	mg/L	0.089	0.00025	NA	No	25G0696-07
POC-09	8/21/2025	Manganese	mg/L	0.02	0.00025	NA	No	25H0620-02
POC-09	9/15/2025	Manganese	mg/L	0.003	0.00025	NA	No	25I0414-03
POC-09	10/16/2025	Manganese	mg/L	0.0014	0.00025	3.80E-05	No	25J0534-02
POC-09	11/13/2025	Manganese	mg/L	0.034	0.0025	0.00038	No	25K0453-03
POC-09	12/15/2025	Manganese	mg/L	0.0007	0.00025	3.80E-05	No	25L0451-02
POC-09	1/19/2026	Manganese	mg/L	0.00037	0.00025	3.80E-05	No	26A0483-02
POC-09	2/16/2026	Manganese	mg/L	<0.00019	0.0013	0.00019	No	26B0497-02
POC-09	4/15/2026	Manganese	mg/L	0.00085	0.00025	3.80E-05	No	26D0483-02
POC-09	7/23/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25G0696-07
POC-09	8/21/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25H0620-02
POC-09	9/15/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25I0414-03
POC-09	10/16/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25J0534-02
POC-09	11/13/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25K0453-03
POC-09	12/15/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25L0451-02
POC-09	1/19/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26A0483-02
POC-09	2/16/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26B0497-02
POC-09	4/15/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26D0483-02
POC-09	7/23/2025	Molybdenum	mg/L	0.034	0.00025	NA	No	25G0696-07
POC-09	8/21/2025	Molybdenum	mg/L	0.049	0.00025	NA	No	25H0620-02
POC-09	9/15/2025	Molybdenum	mg/L	0.042	0.00025	NA	No	25I0414-03
POC-09	10/16/2025	Molybdenum	mg/L	0.043	0.00025	2.50E-05	No	25J0534-02
POC-09	11/13/2025	Molybdenum	mg/L	0.039	0.0025	0.00025	No	25K0453-03
POC-09	12/15/2025	Molybdenum	mg/L	0.033	0.00025	2.50E-05	No	25L0451-02
POC-09	1/19/2026	Molybdenum	mg/L	0.033	0.00025	2.50E-05	No	26A0483-02
POC-09	2/16/2026	Molybdenum	mg/L	0.03	0.00025	2.50E-05	No	26B0497-02
POC-09	4/15/2026	Molybdenum	mg/L	0.024	0.00025	2.50E-05	No	26D0483-02
POC-09	7/23/2025	Nickel	mg/L	0.0019	0.0005	NA	No	25G0696-07
POC-09	8/21/2025	Nickel	mg/L	0.002	0.0005	NA	No	25H0620-02
POC-09	9/15/2025	Nickel	mg/L	0.0015	0.0005	NA	No	25I0414-03
POC-09	10/16/2025	Nickel	mg/L	0.00089	0.0005	1.50E-05	No	25J0534-02
POC-09	11/13/2025	Nickel	mg/L	0.0033	0.005	0.00015	No	25K0453-03
POC-09	12/15/2025	Nickel	mg/L	0.0014	0.0005	1.50E-05	No	25L0451-02
POC-09	1/19/2026	Nickel	mg/L	0.00093	0.0005	1.50E-05	No	26A0483-02
POC-09	2/16/2026	Nickel	mg/L	0.00074	0.0025	7.60E-05	No	26B0497-02
POC-09	4/15/2026	Nickel	mg/L	0.00081	0.0005	1.50E-05	No	26D0483-02
POC-09	7/23/2025	Nitrate and Nitrite Sum	NA	0.61	0.6	NA	No	25G0696-07
POC-09	8/21/2025	Nitrate and Nitrite Sum	NA	0.52	0.6	NA	No	25H0620-02
POC-09	9/15/2025	Nitrate and Nitrite Sum	NA	0.54	0.6	NA	No	25I0414-03
POC-09	10/16/2025	Nitrate and Nitrite Sum	NA	0.53	0.6	0.28	No	25J0534-02
POC-09	11/13/2025	Nitrate and Nitrite Sum	NA	0.55	0.6	0.28	No	25K0453-03
POC-09	12/15/2025	Nitrate and Nitrite Sum	NA	0.53	0.6	0.28	No	25L0451-02
POC-09	1/19/2026	Nitrate and Nitrite Sum	NA	0.48	0.6	0.28	No	26A0483-02
POC-09	2/16/2026	Nitrate and Nitrite Sum	NA	0.5	0.6	0.28	No	26B0497-02
POC-09	4/15/2026	Nitrate and Nitrite Sum	NA	0.54	0.6	0.28	No	26D0483-02
POC-09	7/23/2025	Nitrogen, Nitrate (As N)	mg/L	0.61	0.5	NA	No	25G0696-07
POC-09	8/21/2025	Nitrogen, Nitrate (As N)	mg/L	0.52	0.5	NA	No	25H0620-02
POC-09	9/15/2025	Nitrogen, Nitrate (As N)	mg/L	0.54	0.5	NA	No	25I0414-03
POC-09	10/16/2025	Nitrogen, Nitrate (As N)	mg/L	0.53	0.5	0.27	No	25J0534-02
POC-09	11/13/2025	Nitrogen, Nitrate (As N)	mg/L	0.55	0.5	0.27	No	25K0453-03
POC-09	12/15/2025	Nitrogen, Nitrate (As N)	mg/L	0.53	0.5	0.27	No	25L0451-02
POC-09	1/19/2026	Nitrogen, Nitrate (As N)	mg/L	0.48	0.5	0.27	No	26A0483-02
POC-09	2/16/2026	Nitrogen, Nitrate (As N)	mg/L	0.5	0.5	0.27	No	26B0497-02
POC-09	4/15/2026	Nitrogen, Nitrate (As N)	mg/L	0.54	0.5	0.27	No	26D0483-02
POC-09	7/23/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25G0696-07
POC-09	8/21/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25H0620-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-09	9/15/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25I0414-03
POC-09	10/16/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25J0534-02
POC-09	11/13/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25K0453-03
POC-09	12/15/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25L0451-02
POC-09	1/19/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26A0483-02
POC-09	2/16/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26B0497-02
POC-09	4/15/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26D0483-02
POC-09	7/23/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25G0696-07
POC-09	8/21/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25H0620-02
POC-09	9/15/2025	Nitrogen, Total	NA	<1.1	1.1	NA	No	25I0414-03
POC-09	10/16/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25J0534-02
POC-09	11/13/2025	Nitrogen, Total	NA	<0.58	1.1	0.58	No	25K0453-03
POC-09	12/15/2025	Nitrogen, Total	NA	0.83	1.1	0.58	No	25L0451-02
POC-09	1/19/2026	Nitrogen, Total	NA	0.79	1.1	0.58	No	26A0483-02
POC-09	2/16/2026	Nitrogen, Total	NA	<0.58	1.1	0.58	No	26B0497-02
POC-09	4/15/2026	Nitrogen, Total	NA	1	1.1	0.58	No	26D0483-02
POC-09	7/23/2025	pH	s.u.	7.69	NA	NA	No	NA
POC-09	8/21/2025	pH	s.u.	7.6	NA	NA	No	NA
POC-09	9/15/2025	pH	s.u.	7.5	NA	NA	No	NA
POC-09	10/16/2025	pH	s.u.	7.45	NA	NA	No	NA
POC-09	11/13/2025	pH	s.u.	7.17	NA	NA	No	NA
POC-09	12/15/2025	pH	s.u.	7.11	NA	NA	No	NA
POC-09	1/19/2026	pH	s.u.	7.57	NA	NA	No	NA
POC-09	2/16/2026	pH	s.u.	7.89	NA	NA	No	NA
POC-09	4/15/2026	pH	s.u.	7.4	NA	NA	No	NA
POC-09	8/21/2025	pH (pH Units)	-	7.7	NA	NA	No	25H0620-02
POC-09	9/15/2025	pH (pH Units)	-	7.5	NA	NA	No	25I0414-03
POC-09	10/16/2025	pH (pH Units)	-	7.3	NA	NA	No	25J0534-02
POC-09	11/13/2025	pH (pH Units)	-	7.6	NA	NA	No	25K0453-03
POC-09	12/15/2025	pH (pH Units)	-	7.5	NA	NA	No	25L0451-02
POC-09	1/19/2026	pH (pH Units)	-	7.3	NA	NA	No	26A0483-02
POC-09	2/16/2026	pH (pH Units)	-	7.5	NA	NA	No	26B0497-02
POC-09	4/15/2026	pH (pH Units)	-	8	NA	NA	No	26D0483-02
POC-09	7/23/2025	Potassium	mg/L	2.8	5	NA	No	25G0696-07
POC-09	8/21/2025	Potassium	mg/L	3.2	5	NA	No	25H0620-02
POC-09	9/15/2025	Potassium	mg/L	3	5	NA	No	25I0414-03
POC-09	10/16/2025	Potassium	mg/L	2.7	5	0.14	No	25J0534-02
POC-09	11/13/2025	Potassium	mg/L	2.7	5	0.14	No	25K0453-03
POC-09	12/15/2025	Potassium	mg/L	2.3	5	0.14	No	25L0451-02
POC-09	1/19/2026	Potassium	mg/L	2.4	5	0.14	No	26A0483-02
POC-09	2/16/2026	Potassium	mg/L	2.1	5	0.14	No	26B0497-02
POC-09	4/15/2026	Potassium	mg/L	2	5	0.14	No	26D0483-02
POC-09	7/23/2025	Selenium	mg/L	0.0021	0.0025	NA	No	25G0696-07
POC-09	8/21/2025	Selenium	mg/L	0.0021	0.0025	NA	No	25H0620-02
POC-09	9/15/2025	Selenium	mg/L	0.002	0.0025	NA	No	25I0414-03
POC-09	10/16/2025	Selenium	mg/L	0.0018	0.0025	0.00025	No	25J0534-02
POC-09	11/13/2025	Selenium	mg/L	<0.0025	0.025	0.0025	No	25K0453-03
POC-09	12/15/2025	Selenium	mg/L	0.002	0.0025	0.00025	No	25L0451-02
POC-09	1/19/2026	Selenium	mg/L	0.002	0.0025	0.00025	No	26A0483-02
POC-09	2/16/2026	Selenium	mg/L	0.0014	0.0025	0.00025	No	26B0497-02
POC-09	4/15/2026	Selenium	mg/L	0.0018	0.0025	0.00025	No	26D0483-02
POC-09	7/23/2025	Sodium	mg/L	14	5	NA	No	25G0696-07
POC-09	8/21/2025	Sodium	mg/L	14	5	NA	No	25H0620-02
POC-09	9/15/2025	Sodium	mg/L	13	5	NA	No	25I0414-03
POC-09	10/16/2025	Sodium	mg/L	13	5	0.58	No	25J0534-02
POC-09	11/13/2025	Sodium	mg/L	14	5	0.58	No	25K0453-03
POC-09	12/15/2025	Sodium	mg/L	13	5	0.58	No	25L0451-02
POC-09	1/19/2026	Sodium	mg/L	13	5	0.58	No	26A0483-02
POC-09	2/16/2026	Sodium	mg/L	12	5	0.58	No	26B0497-02
POC-09	4/15/2026	Sodium	mg/L	12	5	0.58	No	26D0483-02
POC-09	7/23/2025	Sulfate	mg/L	20	5	NA	No	25G0696-07
POC-09	8/21/2025	Sulfate	mg/L	18	5	NA	No	25H0620-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-09	9/15/2025	Sulfate	mg/L	18	5	NA	No	25I0414-03
POC-09	10/16/2025	Sulfate	mg/L	17	5	2.8	No	25J0534-02
POC-09	11/13/2025	Sulfate	mg/L	17	5	2.8	No	25K0453-03
POC-09	12/15/2025	Sulfate	mg/L	18	5	2.8	No	25L0451-02
POC-09	1/19/2026	Sulfate	mg/L	16	5	2.8	No	26A0483-02
POC-09	2/16/2026	Sulfate	mg/L	16	5	2.8	No	26B0497-02
POC-09	4/15/2026	Sulfate	mg/L	17	5	2.8	No	26D0483-02
POC-09	7/23/2025	Field Temperature	°C	21	NA	NA	No	NA
POC-09	8/21/2025	Field Temperature	°C	21.6	NA	NA	No	NA
POC-09	9/15/2025	Field Temperature	°C	22.8	NA	NA	No	NA
POC-09	10/16/2025	Field Temperature	°C	19.9	NA	NA	No	NA
POC-09	11/13/2025	Field Temperature	°C	18.4	NA	NA	No	NA
POC-09	12/15/2025	Field Temperature	°C	20.2	NA	NA	No	NA
POC-09	1/19/2026	Field Temperature	°C	19.4	NA	NA	No	NA
POC-09	2/16/2026	Field Temperature	°C	17.5	NA	NA	No	NA
POC-09	4/15/2026	Field Temperature	°C	18.9	NA	NA	No	NA
POC-09	7/23/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25G0696-07
POC-09	8/21/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25H0620-02
POC-09	9/15/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25I0414-03
POC-09	10/16/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25J0534-02
POC-09	11/13/2025	Thallium	mg/L	<0.00023	0.005	0.00023	No	25K0453-03
POC-09	12/15/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25L0451-02
POC-09	1/19/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26A0483-02
POC-09	2/16/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26B0497-02
POC-09	4/15/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26D0483-02
POC-09	7/23/2025	Toluene	ug/L	0.55	0.5	NA	No	25G0696-07
POC-09	8/21/2025	Toluene	ug/L	0.057	0.5	NA	No	25H0620-02
POC-09	9/15/2025	Toluene	ug/L	<0.50	0.5	NA	No	25I0414-03
POC-09	10/16/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25J0534-02
POC-09	11/13/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25K0453-03
POC-09	12/15/2025	Toluene	ug/L	0.11	0.5	0.057	No	25L0451-02
POC-09	1/19/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26A0483-02
POC-09	2/16/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26B0497-02
POC-09	4/15/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26D0483-02
POC-09	7/23/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	310	20	NA	No	25G0696-07
POC-09	8/21/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	290	20	NA	No	25H0620-02
POC-09	9/15/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	290	20	NA	No	25I0414-03
POC-09	10/16/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	290	20	20	No	25J0534-02
POC-09	11/13/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	290	20	20	No	25K0453-03
POC-09	12/15/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	300	20	20	No	25L0451-02
POC-09	1/19/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	290	20	20	No	26A0483-02
POC-09	2/16/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	310	20	20	No	26B0497-02
POC-09	4/15/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	310	20	20	No	26D0483-02
POC-09	7/23/2025	Total Radium	pCi/L	0.4	NA	NA	No	25G0696-07
POC-09	8/21/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25H0620-02
POC-09	9/17/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25I0414-03
POC-09	10/16/2025	Total Radium	pCi/L	2.1	NA	NA	YES	25J0534-02
POC-09	11/13/2025	Total Radium	pCi/L	<0.9	NA	NA	No	25K0453-03
POC-09	12/17/2025	Total Radium	pCi/L	<0.7	NA	NA	No	25L0451-02
POC-09	1/19/2026	Total Radium	pCi/L	<0.8	NA	NA	No	26A0483-02
POC-09	2/16/2026	Total Radium	pCi/L	1.2	NA	NA	No	26B0497-02
POC-09	4/14/2026	Total Radium	pCi/L	<0.8	NA	NA	No	26D0483-02
POC-09	7/23/2025	Uranium	mg/L	0.0045	0.0005	NA	No	25G0696-07
POC-09	8/21/2025	Uranium	mg/L	0.0052	0.0005	NA	No	25H0620-02
POC-09	9/15/2025	Uranium	mg/L	0.0045	0.00056	NA	No	25I0414-03
POC-09	10/16/2025	Uranium	mg/L	0.0039	0.0005	1.50E-05	No	25J0534-02
POC-09	11/13/2025	Uranium	mg/L	0.0051	0.0056	0.00016	No	25K0453-03
POC-09	1/19/2026	Uranium	mg/L	0.0049	0.00056	1.60E-05	No	26A0483-02
POC-09	2/16/2026	Uranium	mg/L	0.0047	0.00056	1.60E-05	No	26B0497-02
POC-09	4/15/2026	Uranium	mg/L	0.0039	0.00056	1.60E-05	No	26D0483-02
POC-09	7/23/2025	Uranium Total Activity	pCi/L	4.6	NA	NA	No	25G0696-07
POC-09	8/21/2025	Uranium Total Activity	pCi/L	4.7	NA	NA	No	25H0620-02

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-09	9/17/2025	Uranium Total Activity	pCi/L	4.6	NA	NA	No	25I0414-03
POC-09	10/16/2025	Uranium Total Activity	pCi/L	4	NA	NA	No	25J0534-02
POC-09	11/13/2025	Uranium Total Activity	pCi/L	4.2	NA	NA	No	25K0453-03
POC-09	12/17/2025	Uranium Total Activity	pCi/L	4.5	NA	NA	No	25L0451-02
POC-09	1/19/2026	Uranium Total Activity	pCi/L	5	NA	NA	No	26A0483-02
POC-09	2/16/2026	Uranium Total Activity	pCi/L	3.5	NA	NA	No	26B0497-02
POC-09	4/14/2026	Uranium Total Activity	pCi/L	3.9	NA	NA	No	26D0483-02
POC-09	7/23/2025	Uranium Total Content	ug/L	3.8	NA	NA	No	25G0696-07
POC-09	8/21/2025	Uranium Total Content	ug/L	4.6	NA	NA	No	25H0620-02
POC-09	9/17/2025	Uranium Total Content	ug/L	3.3	NA	NA	No	25I0414-03
POC-09	10/16/2025	Uranium Total Content	ug/L	4.3	NA	NA	No	25J0534-02
POC-09	11/13/2025	Uranium Total Content	ug/L	4.4	NA	NA	No	25K0453-03
POC-09	12/17/2025	Uranium Total Content	ug/L	4.5	NA	NA	No	25L0451-02
POC-09	1/19/2026	Uranium Total Content	ug/L	4	NA	NA	No	26A0483-02
POC-09	2/16/2026	Uranium Total Content	ug/L	3.8	NA	NA	No	26B0497-02
POC-09	4/14/2026	Uranium Total Content	ug/L	4.1	NA	NA	No	26D0483-02
POC-09	7/23/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25G0696-07
POC-09	8/21/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25H0620-02
POC-09	9/15/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25I0414-03
POC-09	10/16/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25J0534-02
POC-09	11/13/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25K0453-03
POC-09	12/15/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25L0451-02
POC-09	1/19/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26A0483-02
POC-09	2/16/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26B0497-02
POC-09	4/15/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26D0483-02
POC-09	7/23/2025	Zinc	mg/L	0.067	0.04	NA	No	25G0696-07
POC-09	8/21/2025	Zinc	mg/L	0.011	0.04	NA	No	25H0620-02
POC-09	9/15/2025	Zinc	mg/L	0.005	0.04	NA	No	25I0414-03
POC-09	10/16/2025	Zinc	mg/L	0.0037	0.04	0.0023	No	25J0534-02
POC-09	11/13/2025	Zinc	mg/L	<0.023	0.4	0.023	No	25K0453-03
POC-09	12/15/2025	Zinc	mg/L	0.0027	0.04	0.0023	No	25L0451-02
POC-09	1/19/2026	Zinc	mg/L	<0.0023	0.04	0.0023	No	26A0483-02
POC-09	2/16/2026	Zinc	mg/L	<0.011	0.2	0.011	No	26B0497-02
POC-09	4/15/2026	Zinc	mg/L	<0.0023	0.04	0.0023	No	26D0483-02
POC-10	7/23/2025	Adjusted Gross Alpha	pCi/L	1.2	NA	NA	No	25G0696-08
POC-10	8/21/2025	Adjusted Gross Alpha	pCi/L	0.3	NA	NA	No	25H0620-01
POC-10	9/17/2025	Adjusted Gross Alpha	pCi/L	1.7	NA	NA	No	25I0414-01
POC-10	10/16/2025	Adjusted Gross Alpha	pCi/L	1.9	NA	NA	No	25J0534-03
POC-10	11/11/2025	Adjusted Gross Alpha	pCi/L	<1.0	NA	NA	No	25K0354-01
POC-10	12/17/2025	Adjusted Gross Alpha	pCi/L	0.8	NA	NA	No	25L0451-01
POC-10	1/19/2026	Adjusted Gross Alpha	pCi/L	<1	NA	NA	No	26A0483-01
POC-10	2/16/2026	Adjusted Gross Alpha	pCi/L	1.4	NA	NA	No	26B0497-01
POC-10	4/14/2026	Adjusted Gross Alpha	pCi/L	<1	NA	NA	No	26D0483-01
POC-10	7/23/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	240	2	NA	No	25G0696-08
POC-10	8/21/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	240	2	NA	No	25H0620-01
POC-10	9/15/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	250	2	NA	No	25I0414-01
POC-10	10/16/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	250	2	2	No	25J0534-03
POC-10	11/11/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	250	2	2	No	25K0354-01
POC-10	12/15/2025	Alkalinity, Bicarbonate (As CaCO3)	mg/L	250	2	2	No	25L0451-01
POC-10	1/19/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	260	2	2	No	26A0483-01
POC-10	2/16/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	270	2	2	No	26B0497-01
POC-10	4/15/2026	Alkalinity, Bicarbonate (As CaCO3)	mg/L	260	2	2	No	26D0483-01
POC-10	7/23/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-08
POC-10	8/21/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25H0620-01
POC-10	9/15/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	NA	No	25I0414-01
POC-10	10/16/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25J0534-03
POC-10	11/11/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25K0354-01
POC-10	12/15/2025	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	25L0451-01
POC-10	1/19/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26A0483-01
POC-10	2/16/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26B0497-01
POC-10	4/15/2026	Alkalinity, Carbonate (As CaCO3)	mg/L	<2.0	2	2	No	26D0483-01
POC-10	7/23/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25G0696-08

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-10	8/21/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25H0620-01
POC-10	9/15/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	NA	No	25I0414-01
POC-10	10/16/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25J0534-03
POC-10	11/11/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25K0354-01
POC-10	12/15/2025	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	25L0451-01
POC-10	1/19/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26A0483-01
POC-10	2/16/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26B0497-01
POC-10	4/15/2026	Alkalinity, Hydroxide (As CaCO3)	mg/L	<2.0	2	2	No	26D0483-01
POC-10	7/23/2025	Alkalinity, Total (As CaCO3)	mg/L	240	2	NA	No	25G0696-08
POC-10	8/21/2025	Alkalinity, Total (As CaCO3)	mg/L	240	2	NA	No	25H0620-01
POC-10	9/15/2025	Alkalinity, Total (As CaCO3)	mg/L	250	2	NA	No	25I0414-01
POC-10	10/16/2025	Alkalinity, Total (As CaCO3)	mg/L	250	2	2	No	25J0534-03
POC-10	11/11/2025	Alkalinity, Total (As CaCO3)	mg/L	250	2	2	No	25K0354-01
POC-10	12/15/2025	Alkalinity, Total (As CaCO3)	mg/L	250	2	2	No	25L0451-01
POC-10	1/19/2026	Alkalinity, Total (As CaCO3)	mg/L	260	2	2	No	26A0483-01
POC-10	2/16/2026	Alkalinity, Total (As CaCO3)	mg/L	270	2	2	No	26B0497-01
POC-10	4/15/2026	Alkalinity, Total (As CaCO3)	mg/L	260	2	2	No	26D0483-01
POC-10	7/23/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25G0696-08
POC-10	8/21/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25H0620-01
POC-10	9/15/2025	Aluminum	mg/L	<0.040	0.04	NA	No	25I0414-01
POC-10	10/16/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25J0534-03
POC-10	11/11/2025	Aluminum	mg/L	0.026	0.04	0.013	No	25K0354-01
POC-10	12/15/2025	Aluminum	mg/L	<0.013	0.04	0.013	No	25L0451-01
POC-10	1/19/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26A0483-01
POC-10	2/16/2026	Aluminum	mg/L	<0.066	0.2	0.066	No	26B0497-01
POC-10	4/15/2026	Aluminum	mg/L	<0.013	0.04	0.013	No	26D0483-01
POC-10	7/23/2025	Antimony	mg/L	0.00025	0.0005	NA	No	25G0696-08
POC-10	8/21/2025	Antimony	mg/L	0.00028	0.0005	NA	No	25H0620-01
POC-10	9/15/2025	Antimony	mg/L	0.00025	0.0005	NA	No	25I0414-01
POC-10	10/16/2025	Antimony	mg/L	0.00023	0.0005	3.90E-05	No	25J0534-03
POC-10	11/11/2025	Antimony	mg/L	0.00021	0.0005	3.90E-05	No	25K0354-01
POC-10	12/15/2025	Antimony	mg/L	0.00019	0.0005	3.90E-05	No	25L0451-01
POC-10	1/19/2026	Antimony	mg/L	0.00019	0.0005	3.90E-05	No	26A0483-01
POC-10	2/16/2026	Antimony	mg/L	0.00018	0.0005	3.90E-05	No	26B0497-01
POC-10	4/15/2026	Antimony	mg/L	0.00015	0.0005	3.90E-05	No	26D0483-01
POC-10	7/23/2025	Arsenic	mg/L	0.0024	0.0005	NA	No	25G0696-08
POC-10	8/21/2025	Arsenic	mg/L	0.002	0.0005	NA	No	25H0620-01
POC-10	9/15/2025	Arsenic	mg/L	0.002	0.0005	NA	No	25I0414-01
POC-10	10/16/2025	Arsenic	mg/L	0.0021	0.0005	0.0001	No	25J0534-03
POC-10	11/11/2025	Arsenic	mg/L	0.0023	0.0005	0.0001	No	25K0354-01
POC-10	12/15/2025	Arsenic	mg/L	0.0024	0.0005	0.0001	No	25L0451-01
POC-10	1/19/2026	Arsenic	mg/L	0.0025	0.0005	0.0001	No	26A0483-01
POC-10	2/16/2026	Arsenic	mg/L	0.0024	0.0005	0.0001	No	26B0497-01
POC-10	4/15/2026	Arsenic	mg/L	0.0024	0.0005	0.0001	No	26D0483-01
POC-10	7/23/2025	Barium	mg/L	0.025	0.0005	NA	No	25G0696-08
POC-10	8/21/2025	Barium	mg/L	0.029	0.0005	NA	No	25H0620-01
POC-10	9/15/2025	Barium	mg/L	0.027	0.0005	NA	No	25I0414-01
POC-10	10/16/2025	Barium	mg/L	0.023	0.0005	2.90E-05	No	25J0534-03
POC-10	11/11/2025	Barium	mg/L	0.022	0.0005	2.90E-05	No	25K0354-01
POC-10	12/15/2025	Barium	mg/L	0.02	0.0005	2.90E-05	No	25L0451-01
POC-10	1/19/2026	Barium	mg/L	0.02	0.0005	2.90E-05	No	26A0483-01
POC-10	2/16/2026	Barium	mg/L	0.018	0.0005	2.90E-05	No	26B0497-01
POC-10	4/15/2026	Barium	mg/L	0.014	0.0005	2.90E-05	No	26D0483-01
POC-10	7/23/2025	Benzene	ug/L	<0.50	0.5	NA	No	25G0696-08
POC-10	8/21/2025	Benzene	ug/L	<0.50	0.5	NA	No	25H0620-01
POC-10	9/15/2025	Benzene	ug/L	<0.50	0.5	NA	No	25I0414-01
POC-10	10/16/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25J0534-03
POC-10	11/11/2025	Benzene	ug/L	<0.063	0.5	0.063	No	25K0354-01
POC-10	12/15/2025	Benzene	ug/L	0.35	0.5	0.063	No	25L0451-01
POC-10	1/19/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26A0483-01
POC-10	2/16/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26B0497-01
POC-10	4/15/2026	Benzene	ug/L	<0.063	0.5	0.063	No	26D0483-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-10	7/23/2025	Beryllium	mg/L	0.000032	0.00025	NA	No	25G0696-08
POC-10	8/21/2025	Beryllium	mg/L	0.000014	0.00025	NA	No	25H0620-01
POC-10	9/15/2025	Beryllium	mg/L	<0.00025	0.00025	NA	No	25I0414-01
POC-10	10/16/2025	Beryllium	mg/L	0.000014	0.00025	1.30E-05	No	25J0534-03
POC-10	11/11/2025	Beryllium	mg/L	0.000039	0.00025	1.30E-05	No	25K0354-01
POC-10	12/15/2025	Beryllium	mg/L	0.000028	0.00025	1.30E-05	No	25L0451-01
POC-10	1/19/2026	Beryllium	mg/L	0.000026	0.00025	1.30E-05	No	26A0483-01
POC-10	2/16/2026	Beryllium	mg/L	<0.000066	0.0013	6.60E-05	No	26B0497-01
POC-10	4/15/2026	Beryllium	mg/L	0.000035	0.00025	1.30E-05	No	26D0483-01
POC-10	7/23/2025	Cadmium	mg/L	0.000061	0.00025	NA	No	25G0696-08
POC-10	8/21/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25H0620-01
POC-10	9/15/2025	Cadmium	mg/L	<0.00025	0.00025	NA	No	25I0414-01
POC-10	10/16/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25J0534-03
POC-10	11/11/2025	Cadmium	mg/L	0.000063	0.00025	5.00E-05	No	25K0354-01
POC-10	12/15/2025	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	25L0451-01
POC-10	1/19/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26A0483-01
POC-10	2/16/2026	Cadmium	mg/L	<0.000050	0.00025	5.00E-05	No	26B0497-01
POC-10	4/15/2026	Cadmium	mg/L	0.00008	0.00025	5.00E-05	No	26D0483-01
POC-10	7/23/2025	Calcium	mg/L	89	4	NA	No	25G0696-08
POC-10	8/21/2025	Calcium	mg/L	91	4	NA	No	25H0620-01
POC-10	9/15/2025	Calcium	mg/L	94	4	NA	No	25I0414-01
POC-10	10/16/2025	Calcium	mg/L	95	4	0.13	No	25J0534-03
POC-10	11/11/2025	Calcium	mg/L	98	4	0.13	No	25K0354-01
POC-10	12/15/2025	Calcium	mg/L	92	4	0.13	No	25L0451-01
POC-10	1/19/2026	Calcium	mg/L	100	4	0.13	No	26A0483-01
POC-10	2/16/2026	Calcium	mg/L	94	4	0.13	No	26B0497-01
POC-10	4/15/2026	Calcium	mg/L	96	4	0.13	No	26D0483-01
POC-10	7/23/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25G0696-08
POC-10	8/21/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25H0620-01
POC-10	9/15/2025	Carbon disulfide	ug/L	<2.0	2	NA	No	25I0414-01
POC-10	10/16/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25J0534-03
POC-10	11/11/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25K0354-01
POC-10	12/15/2025	Carbon disulfide	ug/L	<0.11	2	0.11	No	25L0451-01
POC-10	1/19/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26A0483-01
POC-10	2/16/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26B0497-01
POC-10	4/15/2026	Carbon disulfide	ug/L	<0.11	2	0.11	No	26D0483-01
POC-10	7/23/2025	Chloride	mg/L	10	1	NA	No	25G0696-08
POC-10	8/21/2025	Chloride	mg/L	9.9	1	NA	No	25H0620-01
POC-10	9/15/2025	Chloride	mg/L	10	1	NA	No	25I0414-01
POC-10	10/16/2025	Chloride	mg/L	10	1	0.75	No	25J0534-03
POC-10	11/11/2025	Chloride	mg/L	11	1	0.75	No	25K0354-01
POC-10	12/15/2025	Chloride	mg/L	11	1	0.75	No	25L0451-01
POC-10	1/19/2026	Chloride	mg/L	10	1	0.75	No	26A0483-01
POC-10	2/16/2026	Chloride	mg/L	10	1	0.75	No	26B0497-01
POC-10	4/15/2026	Chloride	mg/L	10	1	0.75	No	26D0483-01
POC-10	7/23/2025	Chromium	mg/L	0.0015	0.0005	NA	No	25G0696-08
POC-10	8/21/2025	Chromium	mg/L	0.00061	0.0005	NA	No	25H0620-01
POC-10	9/15/2025	Chromium	mg/L	0.0014	0.0005	NA	No	25I0414-01
POC-10	10/16/2025	Chromium	mg/L	0.00067	0.0005	2.30E-05	No	25J0534-03
POC-10	11/11/2025	Chromium	mg/L	0.0019	0.0005	2.30E-05	No	25K0354-01
POC-10	12/15/2025	Chromium	mg/L	0.0014	0.0005	2.30E-05	No	25L0451-01
POC-10	1/19/2026	Chromium	mg/L	0.0017	0.0005	2.30E-05	No	26A0483-01
POC-10	2/16/2026	Chromium	mg/L	0.00046	0.0025	0.00012	No	26B0497-01
POC-10	4/15/2026	Chromium	mg/L	0.0012	0.0005	2.30E-05	No	26D0483-01
POC-10	7/23/2025	Cobalt	mg/L	0.0003	0.00025	NA	No	25G0696-08
POC-10	8/21/2025	Cobalt	mg/L	0.0002	0.00025	NA	No	25H0620-01
POC-10	9/15/2025	Cobalt	mg/L	0.00017	0.00025	NA	No	25I0414-01
POC-10	10/16/2025	Cobalt	mg/L	0.00014	0.00025	1.00E-05	No	25J0534-03
POC-10	11/11/2025	Cobalt	mg/L	0.00024	0.00025	1.00E-05	No	25K0354-01
POC-10	12/15/2025	Cobalt	mg/L	0.00016	0.00025	1.00E-05	No	25L0451-01
POC-10	1/19/2026	Cobalt	mg/L	0.000097	0.00025	1.00E-05	No	26A0483-01
POC-10	2/16/2026	Cobalt	mg/L	<0.000052	0.0013	5.20E-05	No	26B0497-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-10	4/15/2026	Cobalt	mg/L	0.000097	0.00025	1.00E-05	No	26D0483-01
POC-10	7/23/2025	Conductivity	mhos/cm	578.5	NA	NA	No	NA
POC-10	8/21/2025	Conductivity	mhos/cm	588.4	NA	NA	No	NA
POC-10	9/15/2025	Conductivity	mhos/cm	594.6	NA	NA	No	NA
POC-10	10/16/2025	Conductivity	mhos/cm	612.8	NA	NA	No	NA
POC-10	11/11/2025	Conductivity	mhos/cm	605.7	NA	NA	No	NA
POC-10	12/15/2025	Conductivity	mhos/cm	611.2	NA	NA	No	NA
POC-10	1/19/2026	Conductivity	mhos/cm	603.3	NA	NA	No	NA
POC-10	2/16/2026	Conductivity	mhos/cm	596.7	NA	NA	No	NA
POC-10	4/15/2026	Conductivity	mhos/cm	622.4	NA	NA	No	NA
POC-10	7/23/2025	Copper	mg/L	0.0011	0.0005	NA	No	25G0696-08
POC-10	8/21/2025	Copper	mg/L	0.0012	0.0005	NA	No	25H0620-01
POC-10	9/15/2025	Copper	mg/L	0.00053	0.0005	NA	No	25I0414-01
POC-10	10/16/2025	Copper	mg/L	0.00042	0.0005	0.00015	No	25J0534-03
POC-10	11/11/2025	Copper	mg/L	0.00067	0.0005	0.00015	No	25K0354-01
POC-10	12/15/2025	Copper	mg/L	0.00044	0.0005	0.00015	No	25L0451-01
POC-10	1/19/2026	Copper	mg/L	0.00057	0.0005	0.00015	No	26A0483-01
POC-10	2/16/2026	Copper	mg/L	<0.00077	0.0025	0.00077	No	26B0497-01
POC-10	4/15/2026	Copper	mg/L	0.0057	0.0005	0.00015	No	26D0483-01
POC-10	7/23/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25G0696-08
POC-10	8/21/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25H0620-01
POC-10	9/15/2025	Cyanide	mg/L	<0.10	0.1	NA	No	25I0414-01
POC-10	10/16/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25J0534-03
POC-10	11/11/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25K0354-01
POC-10	12/15/2025	Cyanide	mg/L	<0.086	0.1	0.086	No	25L0451-01
POC-10	1/19/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26A0483-01
POC-10	2/16/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26B0497-01
POC-10	4/15/2026	Cyanide	mg/L	<0.086	0.1	0.086	No	26D0483-01
POC-10	7/23/2025	DTW	ft	261.9	NA	NA	No	NA
POC-10	8/21/2025	DTW	ft	261.9	NA	NA	No	NA
POC-10	9/15/2025	DTW	ft	262	NA	NA	No	NA
POC-10	10/16/2025	DTW	ft	262.1	NA	NA	No	NA
POC-10	11/11/2025	DTW	ft	262.1	NA	NA	No	NA
POC-10	12/15/2025	DTW	ft	262.2	NA	NA	No	NA
POC-10	1/19/2026	DTW	ft	262.3	NA	NA	No	NA
POC-10	2/16/2026	DTW	ft	262.3	NA	NA	No	NA
POC-10	4/15/2026	DTW	ft	262.3	NA	NA	No	NA
POC-10	7/23/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25G0696-08
POC-10	8/21/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25H0620-01
POC-10	9/15/2025	Ethylbenzene	ug/L	<0.50	0.5	NA	No	25I0414-01
POC-10	10/16/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25J0534-03
POC-10	11/11/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25K0354-01
POC-10	12/15/2025	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	25L0451-01
POC-10	1/19/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26A0483-01
POC-10	2/16/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26B0497-01
POC-10	4/15/2026	Ethylbenzene	ug/L	<0.054	0.5	0.054	No	26D0483-01
POC-10	7/23/2025	Fluoride	mg/L	0.84	0.5	NA	No	25G0696-08
POC-10	8/21/2025	Fluoride	mg/L	0.84	0.5	NA	No	25H0620-01
POC-10	9/15/2025	Fluoride	mg/L	0.8	0.5	NA	No	25I0414-01
POC-10	10/16/2025	Fluoride	mg/L	0.91	0.5	0.18	No	25J0534-03
POC-10	11/11/2025	Fluoride	mg/L	0.81	0.5	0.18	No	25K0354-01
POC-10	12/15/2025	Fluoride	mg/L	0.87	0.5	0.18	No	25L0451-01
POC-10	1/19/2026	Fluoride	mg/L	0.9	0.5	0.18	No	26A0483-01
POC-10	2/16/2026	Fluoride	mg/L	1.2	0.5	0.18	No	26B0497-01
POC-10	4/15/2026	Fluoride	mg/L	0.84	0.5	0.18	No	26D0483-01
POC-10	7/23/2025	Gross Alpha Activity	pCi/L	4.5	NA	NA	No	25G0696-08
POC-10	8/21/2025	Gross Alpha Activity	pCi/L	4.5	NA	NA	No	25H0620-01
POC-10	9/17/2025	Gross Alpha Activity	pCi/L	5.2	NA	NA	No	25I0414-01
POC-10	10/16/2025	Gross Alpha Activity	pCi/L	4.8	NA	NA	No	25J0534-03
POC-10	11/11/2025	Gross Alpha Activity	pCi/L	3.9	NA	NA	No	25K0354-01
POC-10	12/17/2025	Gross Alpha Activity	pCi/L	4.3	NA	NA	No	25L0451-01
POC-10	1/19/2026	Gross Alpha Activity	pCi/L	2.4	NA	NA	No	26A0483-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-10	2/16/2026	Gross Alpha Activity	pCi/L	4.2	NA	NA	No	26B0497-01
POC-10	4/14/2026	Gross Alpha Activity	pCi/L	2.6	NA	NA	No	26D0483-01
POC-10	7/23/2025	Iron	mg/L	0.07	0.3	NA	No	25G0696-08
POC-10	8/21/2025	Iron	mg/L	1	0.33	NA	No	25H0620-01
POC-10	9/15/2025	Iron	mg/L	<0.30	0.3	NA	No	25I0414-01
POC-10	10/16/2025	Iron	mg/L	<0.020	0.3	0.02	No	25J0534-03
POC-10	11/11/2025	Iron	mg/L	<0.020	0.3	0.02	No	25K0354-01
POC-10	12/15/2025	Iron	mg/L	<0.022	0.33	0.022	No	25L0451-01
POC-10	1/19/2026	Iron	mg/L	0.023	0.33	0.022	No	26A0483-01
POC-10	2/16/2026	Iron	mg/L	0.048	0.3	0.02	No	26B0497-01
POC-10	4/15/2026	Iron	mg/L	0.057	0.3	0.02	No	26D0483-01
POC-10	7/23/2025	Lead	mg/L	0.0001	0.0005	NA	No	25G0696-08
POC-10	8/21/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25H0620-01
POC-10	9/15/2025	Lead	mg/L	<0.00050	0.0005	NA	No	25I0414-01
POC-10	10/16/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25J0534-03
POC-10	11/11/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25K0354-01
POC-10	12/15/2025	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	25L0451-01
POC-10	1/19/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26A0483-01
POC-10	2/16/2026	Lead	mg/L	0.00024	0.0005	5.70E-05	No	26B0497-01
POC-10	4/15/2026	Lead	mg/L	<0.000057	0.0005	5.70E-05	No	26D0483-01
POC-10	7/23/2025	Magnesium	mg/L	15	3	NA	No	25G0696-08
POC-10	8/21/2025	Magnesium	mg/L	16	3	NA	No	25H0620-01
POC-10	9/15/2025	Magnesium	mg/L	16	3	NA	No	25I0414-01
POC-10	10/16/2025	Magnesium	mg/L	16	3	0.1	No	25J0534-03
POC-10	11/11/2025	Magnesium	mg/L	17	3	0.1	No	25K0354-01
POC-10	12/15/2025	Magnesium	mg/L	16	3	0.1	No	25L0451-01
POC-10	1/19/2026	Magnesium	mg/L	17	3	0.1	No	26A0483-01
POC-10	2/16/2026	Magnesium	mg/L	16	3	0.1	No	26B0497-01
POC-10	4/15/2026	Magnesium	mg/L	16	3	0.1	No	26D0483-01
POC-10	7/23/2025	Manganese	mg/L	0.057	0.00025	NA	No	25G0696-08
POC-10	8/21/2025	Manganese	mg/L	0.0054	0.00025	NA	No	25H0620-01
POC-10	9/15/2025	Manganese	mg/L	0.0031	0.00025	NA	No	25I0414-01
POC-10	10/16/2025	Manganese	mg/L	0.0015	0.00025	3.80E-05	No	25J0534-03
POC-10	11/11/2025	Manganese	mg/L	0.0095	0.00025	3.80E-05	No	25K0354-01
POC-10	12/15/2025	Manganese	mg/L	0.00037	0.00025	3.80E-05	No	25L0451-01
POC-10	1/19/2026	Manganese	mg/L	0.00051	0.00025	3.80E-05	No	26A0483-01
POC-10	2/16/2026	Manganese	mg/L	<0.00019	0.0013	0.00019	No	26B0497-01
POC-10	4/15/2026	Manganese	mg/L	0.0016	0.00025	3.80E-05	No	26D0483-01
POC-10	7/23/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25G0696-08
POC-10	8/21/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25H0620-01
POC-10	9/15/2025	Mercury	mg/L	<0.0010	0.001	NA	No	25I0414-01
POC-10	10/16/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25J0534-03
POC-10	11/11/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25K0354-01
POC-10	12/15/2025	Mercury	mg/L	<0.00015	0.001	0.00015	No	25L0451-01
POC-10	1/19/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26A0483-01
POC-10	2/16/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26B0497-01
POC-10	4/15/2026	Mercury	mg/L	<0.00015	0.001	0.00015	No	26D0483-01
POC-10	7/23/2025	Molybdenum	mg/L	0.067	0.00025	NA	No	25G0696-08
POC-10	8/21/2025	Molybdenum	mg/L	0.074	0.00025	NA	No	25H0620-01
POC-10	9/15/2025	Molybdenum	mg/L	0.064	0.00025	NA	No	25I0414-01
POC-10	10/16/2025	Molybdenum	mg/L	0.064	0.00025	2.50E-05	No	25J0534-03
POC-10	11/11/2025	Molybdenum	mg/L	0.062	0.00025	2.50E-05	No	25K0354-01
POC-10	12/15/2025	Molybdenum	mg/L	0.06	0.00025	2.50E-05	No	25L0451-01
POC-10	1/19/2026	Molybdenum	mg/L	0.063	0.00025	2.50E-05	No	26A0483-01
POC-10	2/16/2026	Molybdenum	mg/L	0.061	0.00025	2.50E-05	No	26B0497-01
POC-10	4/15/2026	Molybdenum	mg/L	0.05	0.00025	2.50E-05	No	26D0483-01
POC-10	7/23/2025	Nickel	mg/L	0.002	0.0005	NA	No	25G0696-08
POC-10	8/21/2025	Nickel	mg/L	0.003	0.0005	NA	No	25H0620-01
POC-10	9/15/2025	Nickel	mg/L	0.0023	0.0005	NA	No	25I0414-01
POC-10	10/16/2025	Nickel	mg/L	0.0015	0.0005	1.50E-05	No	25J0534-03
POC-10	11/11/2025	Nickel	mg/L	0.002	0.0005	1.50E-05	No	25K0354-01
POC-10	12/15/2025	Nickel	mg/L	0.002	0.0005	1.50E-05	No	25L0451-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-10	1/19/2026	Nickel	mg/L	0.0014	0.0005	1.50E-05	No	26A0483-01
POC-10	2/16/2026	Nickel	mg/L	0.0017	0.0025	7.60E-05	No	26B0497-01
POC-10	4/15/2026	Nickel	mg/L	0.0012	0.0005	1.50E-05	No	26D0483-01
POC-10	7/23/2025	Nitrate and Nitrite Sum	NA	1.3	0.6	NA	No	25G0696-08
POC-10	8/21/2025	Nitrate and Nitrite Sum	NA	1.4	0.6	NA	No	25H0620-01
POC-10	9/15/2025	Nitrate and Nitrite Sum	NA	1.4	0.6	NA	No	25I0414-01
POC-10	10/16/2025	Nitrate and Nitrite Sum	NA	1.5	0.6	0.28	No	25J0534-03
POC-10	11/11/2025	Nitrate and Nitrite Sum	NA	1.6	0.6	0.28	No	25K0354-01
POC-10	12/15/2025	Nitrate and Nitrite Sum	NA	1.6	0.6	0.28	No	25L0451-01
POC-10	1/19/2026	Nitrate and Nitrite Sum	NA	1.6	0.6	0.28	No	26A0483-01
POC-10	2/16/2026	Nitrate and Nitrite Sum	NA	1.6	0.6	0.28	No	26B0497-01
POC-10	4/15/2026	Nitrate and Nitrite Sum	NA	1.9	0.6	0.28	No	26D0483-01
POC-10	7/23/2025	Nitrogen, Nitrate (As N)	mg/L	1.3	0.5	NA	No	25G0696-08
POC-10	8/21/2025	Nitrogen, Nitrate (As N)	mg/L	1.4	0.5	NA	No	25H0620-01
POC-10	9/15/2025	Nitrogen, Nitrate (As N)	mg/L	1.4	0.5	NA	No	25I0414-01
POC-10	10/16/2025	Nitrogen, Nitrate (As N)	mg/L	1.5	0.5	0.27	No	25J0534-03
POC-10	11/11/2025	Nitrogen, Nitrate (As N)	mg/L	1.6	0.5	0.27	No	25K0354-01
POC-10	12/15/2025	Nitrogen, Nitrate (As N)	mg/L	1.6	0.5	0.27	No	25L0451-01
POC-10	1/19/2026	Nitrogen, Nitrate (As N)	mg/L	1.6	0.5	0.27	No	26A0483-01
POC-10	2/16/2026	Nitrogen, Nitrate (As N)	mg/L	1.6	0.5	0.27	No	26B0497-01
POC-10	4/15/2026	Nitrogen, Nitrate (As N)	mg/L	1.9	0.5	0.27	No	26D0483-01
POC-10	7/23/2025	Nitrogen, Nitrite (As N)	mg/L	0.066	0.1	NA	No	25G0696-08
POC-10	8/21/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25H0620-01
POC-10	9/15/2025	Nitrogen, Nitrite (As N)	mg/L	<0.10	0.1	NA	No	25I0414-01
POC-10	10/16/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25J0534-03
POC-10	11/11/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25K0354-01
POC-10	12/15/2025	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	25L0451-01
POC-10	1/19/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26A0483-01
POC-10	2/16/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26B0497-01
POC-10	4/15/2026	Nitrogen, Nitrite (As N)	mg/L	<0.014	0.1	0.014	No	26D0483-01
POC-10	7/23/2025	Nitrogen, Total	NA	1.3	1.1	NA	No	25G0696-08
POC-10	8/21/2025	Nitrogen, Total	NA	1.4	1.1	NA	No	25H0620-01
POC-10	9/15/2025	Nitrogen, Total	NA	1.4	1.1	NA	No	25I0414-01
POC-10	10/16/2025	Nitrogen, Total	NA	1.5	1.1	0.58	No	25J0534-03
POC-10	11/11/2025	Nitrogen, Total	NA	1.6	1.1	0.58	No	25K0354-01
POC-10	12/15/2025	Nitrogen, Total	NA	1.9	1.1	0.58	No	25L0451-01
POC-10	1/19/2026	Nitrogen, Total	NA	1.6	1.1	0.58	No	26A0483-01
POC-10	2/16/2026	Nitrogen, Total	NA	1.6	1.1	0.58	No	26B0497-01
POC-10	4/15/2026	Nitrogen, Total	NA	2.5	1.1	0.58	No	26D0483-01
POC-10	7/23/2025	pH	s.u.	7.6	NA	NA	No	NA
POC-10	8/21/2025	pH	s.u.	8	NA	NA	No	NA
POC-10	9/15/2025	pH	s.u.	6.88	NA	NA	No	NA
POC-10	10/16/2025	pH	s.u.	7.2	NA	NA	No	NA
POC-10	11/11/2025	pH	s.u.	7.37	NA	NA	No	NA
POC-10	12/15/2025	pH	s.u.	6.85	NA	NA	No	NA
POC-10	1/19/2026	pH	s.u.	7.21	NA	NA	No	NA
POC-10	2/16/2026	pH	s.u.	7.23	NA	NA	No	NA
POC-10	4/15/2026	pH	s.u.	7.35	NA	NA	No	NA
POC-10	8/21/2025	pH (pH Units)	-	7.7	NA	NA	No	25H0620-01
POC-10	9/15/2025	pH (pH Units)	-	7.4	NA	NA	No	25I0414-01
POC-10	10/16/2025	pH (pH Units)	-	7.2	NA	NA	No	25J0534-03
POC-10	11/11/2025	pH (pH Units)	-	7.4	NA	NA	No	25K0354-01
POC-10	12/15/2025	pH (pH Units)	-	7.4	NA	NA	No	25L0451-01
POC-10	1/19/2026	pH (pH Units)	-	7.3	NA	NA	No	26A0483-01
POC-10	2/16/2026	pH (pH Units)	-	7.5	NA	NA	No	26B0497-01
POC-10	4/15/2026	pH (pH Units)	-	8.1	NA	NA	No	26D0483-01
POC-10	7/23/2025	Potassium	mg/L	2.1	5	NA	No	25G0696-08
POC-10	8/21/2025	Potassium	mg/L	2.5	5	NA	No	25H0620-01
POC-10	9/15/2025	Potassium	mg/L	2.5	5	NA	No	25I0414-01
POC-10	10/16/2025	Potassium	mg/L	2.2	5	0.14	No	25J0534-03
POC-10	11/11/2025	Potassium	mg/L	2	5	0.14	No	25K0354-01
POC-10	12/15/2025	Potassium	mg/L	2	5	0.14	No	25L0451-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-10	1/19/2026	Potassium	mg/L	2	5	0.14	No	26A0483-01
POC-10	2/16/2026	Potassium	mg/L	1.8	5	0.14	No	26B0497-01
POC-10	4/15/2026	Potassium	mg/L	1.6	5	0.14	No	26D0483-01
POC-10	7/23/2025	Selenium	mg/L	0.0085	0.0025	NA	No	25G0696-08
POC-10	8/21/2025	Selenium	mg/L	0.009	0.0025	NA	No	25H0620-01
POC-10	9/15/2025	Selenium	mg/L	0.0086	0.0025	NA	No	25I0414-01
POC-10	10/16/2025	Selenium	mg/L	0.0093	0.0025	0.00025	No	25J0534-03
POC-10	11/11/2025	Selenium	mg/L	0.0098	0.0025	0.00025	No	25K0354-01
POC-10	12/15/2025	Selenium	mg/L	0.0098	0.0025	0.00025	No	25L0451-01
POC-10	1/19/2026	Selenium	mg/L	0.011	0.0025	0.00025	No	26A0483-01
POC-10	2/16/2026	Selenium	mg/L	0.0095	0.0025	0.00025	No	26B0497-01
POC-10	4/15/2026	Selenium	mg/L	0.0089	0.0025	0.00025	No	26D0483-01
POC-10	7/23/2025	Sodium	mg/L	6.9	5	NA	No	25G0696-08
POC-10	8/21/2025	Sodium	mg/L	7.1	5	NA	No	25H0620-01
POC-10	9/15/2025	Sodium	mg/L	7.2	5	NA	No	25I0414-01
POC-10	10/16/2025	Sodium	mg/L	6.7	5	0.58	No	25J0534-03
POC-10	11/11/2025	Sodium	mg/L	6.5	5	0.58	No	25K0354-01
POC-10	12/15/2025	Sodium	mg/L	6.7	5	0.58	No	25L0451-01
POC-10	1/19/2026	Sodium	mg/L	6.8	5	0.58	No	26A0483-01
POC-10	2/16/2026	Sodium	mg/L	6.4	5	0.58	No	26B0497-01
POC-10	4/15/2026	Sodium	mg/L	6.3	5	0.58	No	26D0483-01
POC-10	7/23/2025	Sulfate	mg/L	62	5	NA	No	25G0696-08
POC-10	8/21/2025	Sulfate	mg/L	63	5	NA	No	25H0620-01
POC-10	9/15/2025	Sulfate	mg/L	63	5	NA	No	25I0414-01
POC-10	10/16/2025	Sulfate	mg/L	63	5	2.8	No	25J0534-03
POC-10	11/11/2025	Sulfate	mg/L	66	5	2.8	No	25K0354-01
POC-10	12/15/2025	Sulfate	mg/L	67	5	2.8	No	25L0451-01
POC-10	1/19/2026	Sulfate	mg/L	63	5	2.8	No	26A0483-01
POC-10	2/16/2026	Sulfate	mg/L	66	5	2.8	No	26B0497-01
POC-10	4/15/2026	Sulfate	mg/L	65	5	2.8	No	26D0483-01
POC-10	7/23/2025	Field Temperature	°C	21.4	NA	NA	No	NA
POC-10	8/21/2025	Field Temperature	°C	19.2	NA	NA	No	NA
POC-10	9/15/2025	Field Temperature	°C	20.4	NA	NA	No	NA
POC-10	10/16/2025	Field Temperature	°C	18.4	NA	NA	No	NA
POC-10	11/11/2025	Field Temperature	°C	18.9	NA	NA	No	NA
POC-10	12/15/2025	Field Temperature	°C	18	NA	NA	No	NA
POC-10	1/19/2026	Field Temperature	°C	18.3	NA	NA	No	NA
POC-10	2/16/2026	Field Temperature	°C	17.3	NA	NA	No	NA
POC-10	4/15/2026	Field Temperature	°C	18.7	NA	NA	No	NA
POC-10	7/23/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25G0696-08
POC-10	8/21/2025	Thallium	mg/L	<0.00050	0.0005	NA	No	25H0620-01
POC-10	9/15/2025	Thallium	mg/L	0.000029	0.0005	NA	No	25I0414-01
POC-10	10/16/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25J0534-03
POC-10	11/11/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25K0354-01
POC-10	12/15/2025	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	25L0451-01
POC-10	1/19/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26A0483-01
POC-10	2/16/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26B0497-01
POC-10	4/15/2026	Thallium	mg/L	<0.000023	0.0005	2.30E-05	No	26D0483-01
POC-10	7/23/2025	Toluene	ug/L	0.067	0.5	NA	No	25G0696-08
POC-10	8/21/2025	Toluene	ug/L	0.11	0.5	NA	No	25H0620-01
POC-10	9/15/2025	Toluene	ug/L	0.21	0.5	NA	No	25I0414-01
POC-10	10/16/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25J0534-03
POC-10	11/11/2025	Toluene	ug/L	<0.057	0.5	0.057	No	25K0354-01
POC-10	12/15/2025	Toluene	ug/L	0.14	0.5	0.057	No	25L0451-01
POC-10	1/19/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26A0483-01
POC-10	2/16/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26B0497-01
POC-10	4/15/2026	Toluene	ug/L	<0.057	0.5	0.057	No	26D0483-01
POC-10	7/23/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	400	20	NA	No	25G0696-08
POC-10	8/21/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	400	20	NA	No	25H0620-01
POC-10	9/15/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	400	20	NA	No	25I0414-01
POC-10	10/16/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	400	20	20	No	25J0534-03
POC-10	11/11/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	410	20	20	No	25K0354-01

Table 1: Ambient Monitoring Data

Well	Date	Constituent	Units	Result	PQL	MDL	Outlier Removed	Lab Sample ID
POC-10	12/15/2025	Total Dissolved Solids (Residue, Filterable)	mg/L	410	20	20	No	25L0451-01
POC-10	1/19/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	400	20	20	No	26A0483-01
POC-10	2/16/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	410	20	20	No	26B0497-01
POC-10	4/15/2026	Total Dissolved Solids (Residue, Filterable)	mg/L	410	20	20	No	26D0483-01
POC-10	7/23/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25G0696-08
POC-10	8/21/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25H0620-01
POC-10	9/17/2025	Total Radium	pCi/L	0.5	NA	NA	No	25I0414-01
POC-10	10/16/2025	Total Radium	pCi/L	<0.9	NA	NA	No	25J0534-03
POC-10	11/11/2025	Total Radium	pCi/L	<0.8	NA	NA	No	25K0354-01
POC-10	12/17/2025	Total Radium	pCi/L	<0.7	NA	NA	No	25L0451-01
POC-10	1/19/2026	Total Radium	pCi/L	<0.8	NA	NA	No	26A0483-01
POC-10	2/16/2026	Total Radium	pCi/L	<0.7	NA	NA	No	26B0497-01
POC-10	4/14/2026	Total Radium	pCi/L	<0.8	NA	NA	No	26D0483-01
POC-10	7/23/2025	Uranium	mg/L	0.0042	0.0005	NA	No	25G0696-08
POC-10	8/21/2025	Uranium	mg/L	0.0053	0.0005	NA	No	25H0620-01
POC-10	9/15/2025	Uranium	mg/L	0.0044	0.00056	NA	No	25I0414-01
POC-10	10/16/2025	Uranium	mg/L	0.0033	0.0005	1.50E-05	No	25J0534-03
POC-10	11/11/2025	Uranium	mg/L	0.0038	0.00056	1.60E-05	No	25K0354-01
POC-10	1/19/2026	Uranium	mg/L	0.0033	0.00056	1.60E-05	No	26A0483-01
POC-10	2/16/2026	Uranium	mg/L	0.0034	0.00056	1.60E-05	No	26B0497-01
POC-10	4/15/2026	Uranium	mg/L	0.0025	0.00056	1.60E-05	No	26D0483-01
POC-10	7/23/2025	Uranium Total Activity	pCi/L	3.3	NA	NA	No	25G0696-08
POC-10	8/21/2025	Uranium Total Activity	pCi/L	4.2	NA	NA	No	25H0620-01
POC-10	9/17/2025	Uranium Total Activity	pCi/L	3.5	NA	NA	No	25I0414-01
POC-10	10/16/2025	Uranium Total Activity	pCi/L	2.9	NA	NA	No	25J0534-03
POC-10	11/11/2025	Uranium Total Activity	pCi/L	4.4	NA	NA	No	25K0354-01
POC-10	12/17/2025	Uranium Total Activity	pCi/L	3.5	NA	NA	No	25L0451-01
POC-10	1/19/2026	Uranium Total Activity	pCi/L	2.9	NA	NA	No	26A0483-01
POC-10	2/16/2026	Uranium Total Activity	pCi/L	2.8	NA	NA	No	26B0497-01
POC-10	4/14/2026	Uranium Total Activity	pCi/L	2.6	NA	NA	No	26D0483-01
POC-10	7/23/2025	Uranium Total Content	ug/L	2.8	NA	NA	No	25G0696-08
POC-10	8/21/2025	Uranium Total Content	ug/L	3.2	NA	NA	No	25H0620-01
POC-10	9/17/2025	Uranium Total Content	ug/L	3.6	NA	NA	No	25I0414-01
POC-10	10/16/2025	Uranium Total Content	ug/L	2.5	NA	NA	No	25J0534-03
POC-10	11/11/2025	Uranium Total Content	ug/L	4.7	NA	NA	No	25K0354-01
POC-10	12/17/2025	Uranium Total Content	ug/L	3.2	NA	NA	No	25L0451-01
POC-10	1/19/2026	Uranium Total Content	ug/L	4.1	NA	NA	No	26A0483-01
POC-10	2/16/2026	Uranium Total Content	ug/L	3.2	NA	NA	No	26B0497-01
POC-10	4/14/2026	Uranium Total Content	ug/L	1.7	NA	NA	No	26D0483-01
POC-10	7/23/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25G0696-08
POC-10	8/21/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25H0620-01
POC-10	9/15/2025	Xylenes, Total	ug/L	<1.5	1.5	NA	No	25I0414-01
POC-10	10/16/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25J0534-03
POC-10	11/11/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25K0354-01
POC-10	12/15/2025	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	25L0451-01
POC-10	1/19/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26A0483-01
POC-10	2/16/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26B0497-01
POC-10	4/15/2026	Xylenes, Total	ug/L	<0.13	1.5	0.13	No	26D0483-01
POC-10	7/23/2025	Zinc	mg/L	0.15	0.04	NA	No	25G0696-08
POC-10	8/21/2025	Zinc	mg/L	0.026	0.04	NA	No	25H0620-01
POC-10	9/15/2025	Zinc	mg/L	0.011	0.04	NA	No	25I0414-01
POC-10	10/16/2025	Zinc	mg/L	0.0068	0.04	0.0023	No	25J0534-03
POC-10	11/11/2025	Zinc	mg/L	0.014	0.04	0.0023	No	25K0354-01
POC-10	12/15/2025	Zinc	mg/L	0.0053	0.04	0.0023	No	25L0451-01
POC-10	1/19/2026	Zinc	mg/L	0.0064	0.04	0.0023	No	26A0483-01
POC-10	2/16/2026	Zinc	mg/L	<0.011	0.2	0.011	No	26B0497-01
POC-10	4/15/2026	Zinc	mg/L	0.0058	0.04	0.0023	No	26D0483-01

PQL = practical quantitation limit; MDL = minimum detection limit; DTW = depth to water; mhos/cm =mhos per centimeter; ft = feet; S.U. = standard units; mg/L = milligrams per liter; ug/L = micrograms per liter; pCi/L = picograms per liter; NA = not available or not applicable

Table 2: Statistics for Alert Levels and Aquifer Quality Limits

				General Statistics								Shapiro-Wilk Normal Test			Shapiro-Wilk Lognormal Test			R**2 Values			IQR	Rosner	Mann-Kendall Test			Significant	Significant
Well ID	Constituent	UNITS	Dataset Description	N	ND	Mean	S	Min	Max	Med	SW	p	Normal	SW	p	Log	Normal	Lognormal	Distribution	Outliers	Outliers	p	s*	Trend	Outliers?	Trend?
POC-01	Adjusted Gross Alpha	pCi/L	Full Dataset	9	3	1.9278	1.487	0.05	3.5	2.6	0.79	0.01	FALSE	0.79	0.01	FALSE	0.82	0.79	Normal	0	0	0.374	-4	no trend	NA	NA
POC-01	Antimony	mg/L	Full Dataset	9	1	0.0006	7E-04	3E-04	0.003	3E-04	0.42	0	FALSE	0.49	0	FALSE	0.38	0.45	Nonparametric	1	1	0.037	-18	decreasing	**YES**	NA
POC-01	Antimony	mg/L	Extreme Outliers Removed	8	0	0.0003	2E-05	3E-04	4E-04	3E-04	0.93	0.5	TRUE	0.92	0.42	TRUE	0.93	0.92	Normal	0	0	0.083	-12	no trend	NA	NA
POC-01	Arsenic	mg/L	Full Dataset	9	0	0.0042	3E-04	0.004	0.005	0.004	0.88	0.18	TRUE	0.88	0.14	TRUE	0.91	0.90	Normal	0	0	0.228	8	no trend	NA	NA
POC-01	Barium	mg/L	Full Dataset	9	0	0.031	0.004	0.026	0.039	0.03	0.89	0.2	TRUE	0.92	0.37	TRUE	0.88	0.91	Normal	3	0	0.037	-18	decreasing	NA	NA
POC-01	Benzene	ug/L	Full Dataset	9	9	0.1043	0.109	0.032	0.25	0.032	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-01	Beryllium	mg/L	Full Dataset	9	3	3E-05	4E-05	7E-06	1E-04	2E-05	0.67	0	FALSE	0.94	0.55	TRUE	0.64	0.93	Log-Normal	1	1	0.337	-5	no trend	NA	NA
POC-01	Cadmium	mg/L	Full Dataset	9	9	6E-05	5E-05	3E-05	1E-04	3E-05	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-01	Chromium	mg/L	Full Dataset	9	1	0.0006	4E-04	6E-05	0.001	3E-04	0.9	0.24	TRUE	0.92	0.4	TRUE	0.91	0.93	Normal	0	0	0.024	-20	decreasing	NA	NA
POC-01	Cyanide	mg/L	Full Dataset	9	9	0.0453	0.004	0.043	0.05	0.043	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-01	Ethylbenzene	ug/L	Full Dataset	9	9	0.1013	0.112	0.027	0.25	0.027	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-01	Fluoride	mg/L	Full Dataset	9	0	0.98	0.102	0.87	1.1	0.99	0.83	0.04	FALSE	0.83	0.05	FALSE	0.87	0.87	Normal	0	0	0.012	22	increasing	NA	NA
POC-01	Gross Alpha Activity	pCi/L	Full Dataset	9	0	14.122	3.465	9.6	20.4	13.5	0.96	0.81	TRUE	0.97	0.88	TRUE	0.96	0.98	Normal	1	0	0.038	-18	decreasing	**YES**	**YES**
POC-01	Gross Alpha Activity	pCi/L	Extreme Outliers Removed	8	0	13.338	2.718	9.6	17.6	13.15	0.96	0.82	TRUE	0.95	0.69	TRUE	0.97	0.96	Normal	0	0	0.054	-14	no trend	NA	**YES**
POC-01	Lead	mg/L	Full Dataset	9	8	0.0001	1E-04	3E-05	3E-04	3E-05	0.67	0	FALSE	0.66	0	FALSE	0.70	0.70	Nonparametric	0	0	0.172	-9	no trend	NA	NA
POC-01	Mercury	mg/L	Full Dataset	9	8	0.0002	2E-04	8E-05	5E-04	8E-05	0.66	0	FALSE	0.65	0	FALSE	0.68	0.68	Nonparametric	0	0	0.008	-20	decreasing	NA	NA
POC-01	Nickel	mg/L	Full Dataset	9	0	0.0044	0.003	0.003	0.012	0.003	0.67	0	FALSE	0.84	0.05	TRUE	0.65	0.83	Log-Normal	1	1	0.201	-9	no trend	NA	NA
POC-01	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	0	23.556	1.014	22	25	23	0.89	0.21	TRUE	0.89	0.22	TRUE	0.90	0.90	Normal	0	0	0.075	14	no trend	NA	NA
POC-01	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	0	23.667	1.118	22	25	23	0.84	0.06	TRUE	0.85	0.07	TRUE	0.86	0.86	Normal	0	0	0.089	13	no trend	NA	NA
POC-01	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	9	0.0213	0.022	0.007	0.05	0.007	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-01	Selenium	mg/L	Full Dataset	9	0	0.013	0.001	0.012	0.015	0.013	0.85	0.08	TRUE	0.86	0.1	TRUE	0.85	0.86	Normal	1	0	0.131	-11	no trend	NA	NA
POC-01	Thallium	mg/L	Full Dataset	9	8	1E-04	1E-04	1E-05	3E-04	1E-05	0.67	0	FALSE	0.71	0	FALSE	0.70	0.75	Nonparametric	0	0	0.017	-19	decreasing	NA	NA
POC-01	Toluene	ug/L	Full Dataset	9	8	0.081	0.096	0.029	0.25	0.029	0.58	0	FALSE	0.64	0	FALSE	0.59	0.65	Nonparametric	2	0	0.029	-16	decreasing	NA	NA
POC-01	Total Radium	pCi/L	Full Dataset	9	0	1.3444	0.74	0.5	2.7	1.2	0.91	0.3	TRUE	0.96	0.77	TRUE	0.91	0.97	Normal	1	0	0.265	7	no trend	NA	NA
POC-01	Uranium	mg/L	Full Dataset	9	0	0.0194	0.007	0.013	0.033	0.017	0.85	0.07	TRUE	0.9	0.28	TRUE	0.85	0.92	Normal	1	0	0.037	-18	decreasing	**YES**	**YES**
POC-01	Uranium	mg/L	Extreme Outliers Removed	8	0	0.0178	0.005	0.013	0.028	0.017	0.86	0.12	TRUE	0.92	0.41	TRUE	0.85	0.91	Normal	1	0	0.051	-14	no trend	NA	**YES**
POC-01	Xylenes, Total	ug/L	Full Dataset	9	9	0.2933	0.343	0.065	0.75	0.065	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-02	Adjusted Gross Alpha	pCi/L	Full Dataset	9	2	2.2056	2.539	0.05	8.1	1.2	0.8	0.02	FALSE	0.95	0.71	TRUE	0.79	0.94	Normal	1	1	0.458	-2	no trend	**YES**	NA
POC-02	Adjusted Gross Alpha	pCi/L	Extreme Outliers Removed	8	2	1.4688	1.335	0.05	3.7	0.95	0.9	0.26	TRUE	0.91	0.35	TRUE	0.91	0.90	Normal	0	0	0.133	-10	no trend	NA	NA
POC-02	Antimony	mg/L	Full Dataset	9	0	0.0009	1E-04	6E-04	0.001	9E-04	0.8	0.02	FALSE	0.73	0	FALSE	0.77	0.70	Normal	1	1	0.5	0	no trend	NA	NA
POC-02	Arsenic	mg/L	Full Dataset	9	0	0.0068	5E-04	0.006	0.008	0.007	0.94	0.63	TRUE	0.94	0.57	TRUE	0.96	0.96	Normal	0	0	0.201	9	no trend	NA	NA
POC-02	Barium	mg/L	Full Dataset	9	0	0.0253	0.003	0.021	0.03	0.025	0.99	0.99	TRUE	0.99	1	TRUE	0.99	0.99	Normal	0	0	0.201	-9	no trend	NA	NA
POC-02	Benzene	ug/L	Full Dataset	9	9	0.1043	0.109	0.032	0.25	0.032	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-02	Beryllium	mg/L	Full Dataset	9	2	5E-05	4E-05	2E-05	1E-04	4E-05	0.78	0.01	FALSE	0.89	0.18	TRUE	0.78	0.89	Normal	1	0	0.377	-4	no trend	NA	NA
POC-02	Cadmium	mg/L	Full Dataset	9	9	6E-05	5E-05	3E-05	1E-04	3E-05	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-02	Chromium	mg/L	Full Dataset	9	1	0.0006	5E-04	5E-05	0.001	6E-04	0.87	0.14	TRUE	0.86	0.09	TRUE	0.91	0.88	Normal	0	0	0.174	-10	no trend	NA	NA
POC-02	Cyanide	mg/L	Full Dataset	9	9	0.0453	0.004	0.043	0.05	0.043	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-02	Ethylbenzene	ug/L	Full Dataset	9	9	0.1013	0.112	0.027	0.25	0.027	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-02	Fluoride	mg/L	Full Dataset	9	0	1.5244	0.314	0.92	1.9	1.5	0.92	0.39	TRUE	0.88	0.15	TRUE	0.92	0.87	Normal	2	0	0.12	12	no trend	NA	NA
POC-02	Gross Alpha Activity	pCi/L	Full Dataset	9	0	16.511	2.516	12.4	20.8	16.1	0.98	0.96	TRUE	0.97	0.91	TRUE	0.97	0.96	Normal	1	0	0.337	5	no trend	**YES**	**YES**
POC-02	Gross Alpha Activity	pCi/L	Extreme Outliers Removed	8	0	17.025	2.125	13.8	20.8	16.6	0.97	0.87	TRUE	0.97	0.92	TRUE	0.95	0.96	Normal	0	0	0.159	9	no trend	NA	**YES**
POC-02	Lead	mg/L	Full Dataset	9	6	0.0001	1E-04	3E-05	3E-04	9E-05	0.81	0.03	FALSE	0.82	0.03	FALSE	0.85	0.86	Normal	0	0	0.293	-6	no trend	NA	NA
POC-02	Mercury	mg/L	Full Dataset	9	8	0.0002	2E-04	8E-05	5E-04	8E-05	0.68	0	FALSE	0.71	0	FALSE	0.71	0.74	Nonparametric	0	0	0.005	-23	decreasing	NA	NA
POC-02	Nickel	mg/L	Full Dataset	9	0	0.0032	1E-03	0.002	0.005	0.003	0.84	0.06	TRUE	0.9	0.24	TRUE	0.84	0.89	Normal	3	0	0.147	-11	no trend	NA	NA
POC-02	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	0	2.4778	0.667	1.7	3.7	2.4	0.94	0.59	TRUE	0.96	0.8	TRUE	0.95	0.97	Normal	0	0	0.377	4	no trend	NA	NA

Table 2: Statistics for Alert Levels and Aquifer Quality Limits

Well ID	Constituent	UNITS	Dataset Description	General Statistics							Shapiro-Wilk Normal Test			Shapiro-Wilk Lognormal Test			R**2 Values		Distribution	IQR Outliers	Rosner Outliers	Mann-Kendall Test			Significant Outliers?	Significant Trend?
				N	ND	Mean	S	Min	Max	Med	SW	p	Normal	SW	p	Log	Normal	Lognormal				p	s*	Trend		
POC-02	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	0	2.4889	0.674	1.7	3.7	2.4	0.94	0.6	TRUE	0.96	0.78	TRUE	0.95	0.97	Normal	0	0	0.377	4	no trend	NA	NA
POC-02	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	9	0.0213	0.022	0.007	0.05	0.007	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-02	Selenium	mg/L	Full Dataset	9	0	0.0079	0.003	0.003	0.011	0.009	0.84	0.06	TRUE	0.81	0.03	FALSE	0.87	0.83	Normal	0	0	0.5	-1	no trend	NA	NA
POC-02	Thallium	mg/L	Full Dataset	9	6	0.0001	1E-04	1E-05	3E-04	5E-05	0.73	0	FALSE	0.83	0.04	FALSE	0.76	0.87	Normal	0	0	0.052	-16	no trend	NA	NA
POC-02	Toluene	ug/L	Full Dataset	9	9	0.1023	0.111	0.029	0.25	0.029	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-02	Total Radium	pCi/L	Full Dataset	9	2	2.9889	1.844	0.45	5.9	3.5	0.94	0.63	TRUE	0.81	0.03	FALSE	0.96	0.82	Normal	0	0	0.201	9	no trend	NA	**YES**
POC-02	Uranium	mg/L	Full Dataset	9	0	0.0198	0.003	0.016	0.025	0.019	0.95	0.64	TRUE	0.96	0.8	TRUE	0.96	0.97	Normal	0	0	0.417	3	no trend	NA	NA
POC-02	Xylenes, Total	ug/L	Full Dataset	9	9	0.2933	0.343	0.065	0.75	0.065	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-03	Adjusted Gross Alpha	pCi/L	Full Dataset	9	1	1.9556	0.88	0.5	3.3	1.8	0.99	0.99	TRUE	0.91	0.28	TRUE	0.99	0.89	Normal	0	0	0.301	6	no trend	NA	NA
POC-03	Antimony	mg/L	Full Dataset	9	0	0.0007	2E-04	4E-04	0.001	7E-04	0.97	0.86	TRUE	0.98	0.98	TRUE	0.96	0.98	Normal	0	0	3E-04	-34	decreasing	NA	NA
POC-03	Arsenic	mg/L	Full Dataset	9	0	0.0075	7E-04	0.007	0.009	0.008	0.9	0.28	TRUE	0.92	0.38	TRUE	0.90	0.91	Normal	0	0	0.5	-1	no trend	NA	NA
POC-03	Barium	mg/L	Full Dataset	9	0	0.0743	0.006	0.063	0.082	0.076	0.92	0.4	TRUE	0.9	0.26	TRUE	0.90	0.88	Normal	1	0	0.5	-1	no trend	NA	NA
POC-03	Benzene	ug/L	Full Dataset	9	9	0.1043	0.109	0.032	0.25	0.032	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-03	Beryllium	mg/L	Full Dataset	9	4	4E-05	3E-05	2E-05	1E-04	3E-05	0.65	0	FALSE	0.86	0.09	TRUE	0.62	0.83	Log-Normal	2	1	0.068	-15	no trend	NA	NA
POC-03	Cadmium	mg/L	Full Dataset	9	9	7E-05	5E-05	3E-05	1E-04	3E-05	0.65	0	FALSE	0.65	0	FALSE	0.69	0.69	Nonparametric	0	0	0.01	-20	decreasing	NA	NA
POC-03	Chromium	mg/L	Full Dataset	9	2	0.0005	5E-04	1E-05	0.001	3E-04	0.86	0.1	TRUE	0.89	0.21	TRUE	0.89	0.89	Normal	0	0	0.038	-18	decreasing	NA	NA
POC-03	Cyanide	mg/L	Full Dataset	9	9	0.0453	0.004	0.043	0.05	0.043	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-03	Ethylbenzene	ug/L	Full Dataset	9	9	0.1013	0.112	0.027	0.25	0.027	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-03	Fluoride	mg/L	Full Dataset	9	0	1.4111	0.093	1.3	1.6	1.4	0.85	0.07	TRUE	0.86	0.09	TRUE	0.83	0.84	Normal	4	0	0.321	-5	no trend	NA	NA
POC-03	Gross Alpha Activity	pCi/L	Full Dataset	9	0	10.289	1.467	8.4	12.7	10	0.96	0.75	TRUE	0.96	0.76	TRUE	0.97	0.97	Normal	0	0	0.008	-24	decreasing	NA	**YES**
POC-03	Lead	mg/L	Full Dataset	9	7	0.0002	2E-04	3E-05	5E-04	1E-04	0.83	0.05	FALSE	0.86	0.1	TRUE	0.83	0.89	Normal	0	0	0.164	-10	no trend	NA	NA
POC-03	Mercury	mg/L	Full Dataset	9	9	0.0002	2E-04	8E-05	5E-04	8E-05	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-03	Nickel	mg/L	Full Dataset	9	0	0.0018	8E-04	6E-04	0.003	0.002	0.95	0.69	TRUE	0.93	0.49	TRUE	0.96	0.92	Normal	0	0	0.03	-19	decreasing	NA	NA
POC-03	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	2	0.8633	0.63	0.14	1.7	0.75	0.89	0.2	TRUE	0.87	0.14	TRUE	0.92	0.91	Normal	0	0	0.018	-21	decreasing	NA	NA
POC-03	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	2	0.8611	0.612	0.135	1.7	0.75	0.9	0.26	TRUE	0.86	0.11	TRUE	0.93	0.89	Normal	0	0	0.023	-20	decreasing	NA	NA
POC-03	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	7	0.0304	0.029	0.007	0.073	0.007	0.76	0.01	FALSE	0.71	0	FALSE	0.79	0.74	Normal	0	0	0.052	-15	no trend	NA	NA
POC-03	Selenium	mg/L	Full Dataset	9	0	0.0029	0.001	0.002	0.005	0.003	0.79	0.02	FALSE	0.82	0.04	FALSE	0.82	0.85	Normal	0	0	0.002	-28	decreasing	NA	NA
POC-03	Thallium	mg/L	Full Dataset	9	3	9E-05	9E-05	2E-05	3E-04	6E-05	0.7	0	FALSE	0.88	0.15	TRUE	0.71	0.89	Log-Normal	2	0	0.201	-9	no trend	NA	NA
POC-03	Toluene	ug/L	Full Dataset	9	9	0.1023	0.111	0.029	0.25	0.029	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-03	Total Radium	pCi/L	Full Dataset	9	3	1.2389	1.243	0.35	4.1	0.6	0.76	0.01	FALSE	0.9	0.26	TRUE	0.75	0.91	Log-Normal	1	1	0.299	-6	no trend	**YES**	NA
POC-03	Total Radium	pCi/L	Extreme Outliers Removed	8	3	0.8813	0.672	0.35	2.2	0.6	0.8	0.03	FALSE	0.89	0.25	TRUE	0.80	0.91	Normal	1	0	0.45	-2	no trend	NA	NA
POC-03	Uranium	mg/L	Full Dataset	9	0	0.0093	0.001	0.007	0.011	0.01	0.9	0.24	TRUE	0.85	0.08	TRUE	0.87	0.82	Normal	1	0	0.003	-27	decreasing	**YES**	NA
POC-03	Uranium	mg/L	Extreme Outliers Removed	8	0	0.0096	8E-04	0.009	0.011	0.01	0.93	0.5	TRUE	0.93	0.54	TRUE	0.92	0.93	Normal	1	0	0.012	-19	decreasing	NA	NA
POC-03	Xylenes, Total	ug/L	Full Dataset	9	9	0.2933	0.343	0.065	0.75	0.065	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-04	Adjusted Gross Alpha	pCi/L	Full Dataset	9	2	1.7	1.646	0.1	4.3	1.1	0.84	0.05	TRUE	0.94	0.6	TRUE	0.86	0.95	Normal	0	0	0.123	-12	no trend	NA	NA
POC-04	Antimony	mg/L	Full Dataset	9	1	0.0002	3E-04	2E-05	0.001	8E-05	0.59	0	FALSE	0.96	0.81	TRUE	0.56	0.94	Log-Normal	1	1	0.005	-26	decreasing	NA	NA
POC-04	Arsenic	mg/L	Full Dataset	9	0	0.0041	0.002	0.003	0.008	0.004	0.75	0.01	FALSE	0.85	0.07	TRUE	0.73	0.84	Log-Normal	1	1	0.23	-8	no trend	**YES**	NA
POC-04	Arsenic	mg/L	Extreme Outliers Removed	8	0	0.0036	7E-04	0.003	0.005	0.004	0.88	0.19	TRUE	0.91	0.33	TRUE	0.89	0.92	Normal	1	0	0.353	-4	no trend	NA	NA
POC-04	Barium	mg/L	Full Dataset	9	0	0.059	0.006	0.05	0.07	0.057	0.91	0.35	TRUE	0.93	0.47	TRUE	0.91	0.93	Normal	3	0	0.5	1	no trend	NA	NA
POC-04	Benzene	ug/L	Full Dataset	9	9	0.1043	0.109	0.032	0.25	0.032	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-04	Beryllium	mg/L	Full Dataset	9	2	2E-05	1E-05	7E-06	4E-05	2E-05	0.94	0.53	TRUE	0.94	0.61	TRUE	0.92	0.92	Normal	1	0	0.5	-1	no trend	NA	NA
POC-04	Cadmium	mg/L	Full Dataset	9	8	6E-05	5E-05	3E-05	1E-04	3E-05	0.68	0	FALSE	0.71	0	FALSE	0.71	0.74	Nonparametric	0	0	0.049	-15	decreasing	NA	NA
POC-04	Chromium	mg/L	Full Dataset	9	1	0.0004	5E-04	6E-05	0.002	2E-04	0.73	0	FALSE	0.94	0.59	TRUE	0.71	0.95	Log-Normal	1	1	0.377	-4	no trend	NA	NA
POC-04	Cyanide	mg/L	Full Dataset	9	9	0.0453	0.004	0.043	0.05	0.043	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-04	Ethylbenzene	ug/L	Full Dataset	9	8	0.1283	0.12	0.027	0.27	0.027	0.68	0	FALSE	0.67	0	FALSE	0.72	0.70	Nonparametric	0	0	0.172	-9	no trend	NA	NA

Table 2: Statistics for Alert Levels and Aquifer Quality Limits

Well ID	Constituent	UNITS	Dataset Description	General Statistics							Shapiro-Wilk Normal Test			Shapiro-Wilk Lognormal Test			R**2 Values		Distribution	IQR Outliers	Rosner Outliers	Mann-Kendall Test			Significant Outliers?	Significant Trend?
				N	ND	Mean	S	Min	Max	Med	SW	p	Normal	SW	p	Log	Normal	Lognormal				p	s*	Trend		
POC-04	Fluoride	mg/L	Full Dataset	9	0	2.4778	0.268	2	2.8	2.5	0.94	0.55	TRUE	0.93	0.44	TRUE	0.95	0.93	Normal	0	0	0.01	23	increasing	NA	**YES**
POC-04	Gross Alpha Activity	pCi/L	Full Dataset	9	0	15.556	5.15	6.8	20.1	17.2	0.81	0.03	FALSE	0.74	0	FALSE	0.83	0.75	Normal	2	0	0.088	14	no trend	**YES**	**YES**
POC-04	Gross Alpha Activity	pCi/L	Extreme Outliers Removed	8	0	16.65	4.241	7.3	20.1	17.75	0.81	0.03	FALSE	0.71	0	FALSE	0.79	0.69	Normal	1	1	0.133	10	no trend	NA	**YES**
POC-04	Lead	mg/L	Full Dataset	9	6	0.0001	1E-04	3E-05	3E-04	3E-05	0.77	0.01	FALSE	0.75	0.01	FALSE	0.79	0.78	Normal	0	0	0.21	-8	no trend	NA	NA
POC-04	Mercury	mg/L	Full Dataset	9	9	0.0002	2E-04	8E-05	5E-04	8E-05	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-04	Nickel	mg/L	Full Dataset	9	0	0.0107	0.028	9E-04	0.086	0.001	0.4	0	FALSE	0.57	0	FALSE	0.37	0.53	Nonparametric	1	1	0.174	-10	no trend	**YES**	NA
POC-04	Nickel	mg/L	Extreme Outliers Removed	8	0	0.0013	4E-04	9E-04	0.002	0.001	0.85	0.11	TRUE	0.9	0.27	TRUE	0.86	0.91	Normal	0	0	0.032	-16	decreasing	NA	NA
POC-04	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	8	0.1978	0.087	0.14	0.34	0.14	0.66	0	FALSE	0.65	0	FALSE	0.68	0.67	Nonparametric	0	0	0.016	-18	decreasing	NA	NA
POC-04	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	8	0.1767	0.063	0.135	0.28	0.135	0.66	0	FALSE	0.65	0	FALSE	0.68	0.67	Nonparametric	0	0	0.016	-18	decreasing	NA	NA
POC-04	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	7	0.0336	0.036	0.007	0.11	0.007	0.77	0.01	FALSE	0.74	0	FALSE	0.77	0.77	Normal	0	0	0.032	-17	decreasing	NA	NA
POC-04	Selenium	mg/L	Full Dataset	9	0	0.0011	3E-04	8E-04	0.002	0.001	0.96	0.76	TRUE	0.96	0.82	TRUE	0.97	0.98	Normal	0	0	0.057	-16	no trend	NA	NA
POC-04	Thallium	mg/L	Full Dataset	9	7	7E-05	1E-04	1E-05	3E-04	1E-05	0.63	0	FALSE	0.75	0.01	FALSE	0.64	0.77	Log-Normal	2	0	0.082	-13	no trend	NA	NA
POC-04	Toluene	ug/L	Full Dataset	9	2	0.2442	0.269	0.029	0.74	0.11	0.77	0.01	FALSE	0.93	0.45	TRUE	0.78	0.95	Normal	2	0	0.008	-24	decreasing	NA	NA
POC-04	Total Radium	pCi/L	Full Dataset	9	7	0.4611	0.139	0.35	0.7	0.4	0.71	0	FALSE	0.75	0.01	FALSE	0.72	0.76	Log-Normal	2	0	0.29	-6	no trend	NA	NA
POC-04	Uranium	mg/L	Full Dataset	9	0	0.0171	0.006	0.007	0.023	0.019	0.89	0.19	TRUE	0.83	0.04	FALSE	0.90	0.83	Normal	0	0	0.085	14	no trend	NA	NA
POC-04	Xylenes, Total	ug/L	Full Dataset	9	9	0.2933	0.343	0.065	0.75	0.065	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-05	Adjusted Gross Alpha	pCi/L	Full Dataset	9	3	2.4	2.307	0.5	7.7	2.1	0.81	0.03	FALSE	0.91	0.28	TRUE	0.80	0.93	Normal	1	1	0.335	-5	no trend	**YES**	NA
POC-05	Adjusted Gross Alpha	pCi/L	Extreme Outliers Removed	8	3	1.7375	1.252	0.5	3.8	1.7	0.89	0.25	TRUE	0.85	0.09	TRUE	0.91	0.88	Normal	0	0	0.399	-3	no trend	NA	NA
POC-05	Antimony	mg/L	Full Dataset	9	7	0.0001	1E-04	2E-05	3E-04	6E-05	0.8	0.02	FALSE	0.79	0.02	FALSE	0.83	0.83	Normal	0	0	0.093	-13	no trend	NA	NA
POC-05	Arsenic	mg/L	Full Dataset	9	0	0.0061	0.003	0.003	0.01	0.005	0.87	0.11	TRUE	0.92	0.38	TRUE	0.89	0.94	Normal	0	0	0.001	30	increasing	NA	**YES**
POC-05	Barium	mg/L	Full Dataset	9	0	0.0962	0.008	0.081	0.11	0.096	0.94	0.61	TRUE	0.93	0.49	TRUE	0.91	0.90	Normal	1	0	0.047	17	increasing	NA	NA
POC-05	Benzene	ug/L	Full Dataset	9	8	0.1364	0.126	0.032	0.32	0.032	0.73	0	FALSE	0.69	0	FALSE	0.76	0.72	Normal	0	0	0.078	-13	no trend	NA	NA
POC-05	Beryllium	mg/L	Full Dataset	9	4	0.0002	4E-04	7E-06	0.001	3E-05	0.43	0	FALSE	0.85	0.08	TRUE	0.40	0.84	Log-Normal	1	1	0.337	5	no trend	**YES**	NA
POC-05	Beryllium	mg/L	Extreme Outliers Removed	8	3	0.0002	4E-04	7E-06	0.001	3E-05	0.46	0	FALSE	0.87	0.13	TRUE	0.43	0.85	Log-Normal	1	1	0.5	1	no trend	NA	NA
POC-05	Cadmium	mg/L	Full Dataset	9	9	8E-05	8E-05	3E-05	3E-04	3E-05	0.75	0.01	FALSE	0.74	0	FALSE	0.75	0.77	Normal	0	0	0.049	-15	decreasing	NA	NA
POC-05	Chromium	mg/L	Full Dataset	9	2	0.0005	5E-04	6E-05	0.001	3E-04	0.87	0.14	TRUE	0.95	0.68	TRUE	0.88	0.97	Normal	0	0	0.126	-12	no trend	NA	NA
POC-05	Cyanide	mg/L	Full Dataset	9	9	0.0453	0.004	0.043	0.05	0.043	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-05	Ethylbenzene	ug/L	Full Dataset	9	9	0.1013	0.112	0.027	0.25	0.027	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-05	Fluoride	mg/L	Full Dataset	9	0	2.7	0.212	2.4	3	2.7	0.94	0.56	TRUE	0.94	0.56	TRUE	0.96	0.96	Normal	0	0	0.057	16	no trend	NA	NA
POC-05	Gross Alpha Activity	pCi/L	Full Dataset	9	0	22.2	2.605	18.5	26.1	21.2	0.92	0.39	TRUE	0.93	0.5	TRUE	0.93	0.94	Normal	0	0	0.5	0	no trend	NA	NA
POC-05	Lead	mg/L	Full Dataset	9	7	0.0002	1E-04	3E-05	3E-04	2E-04	0.75	0.01	FALSE	0.74	0	FALSE	0.79	0.77	Normal	0	0	0.164	-10	no trend	NA	NA
POC-05	Mercury	mg/L	Full Dataset	9	7	0.0003	3E-04	8E-05	1E-03	8E-05	0.75	0.01	FALSE	0.77	0.01	FALSE	0.75	0.79	Normal	0	0	0.123	-11	no trend	NA	NA
POC-05	Nickel	mg/L	Full Dataset	9	0	0.0012	9E-04	6E-04	0.004	9E-04	0.64	0	FALSE	0.84	0.06	TRUE	0.62	0.83	Log-Normal	1	1	0.301	-6	no trend	NA	NA
POC-05	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	8	0.1867	0.072	0.14	0.3	0.14	0.66	0	FALSE	0.66	0	FALSE	0.68	0.68	Nonparametric	0	0	0.016	-18	decreasing	NA	NA
POC-05	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	8	0.1722	0.056	0.135	0.25	0.135	0.63	0	FALSE	0.63	0	FALSE	0.66	0.66	Nonparametric	0	0	0.016	-18	decreasing	NA	NA
POC-05	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	9	0.0213	0.022	0.007	0.05	0.007	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-05	Selenium	mg/L	Full Dataset	9	1	0.0012	4E-04	6E-04	0.002	0.001	0.96	0.76	TRUE	0.94	0.54	TRUE	0.97	0.95	Normal	0	0	0.233	-8	no trend	NA	NA
POC-05	Thallium	mg/L	Full Dataset	9	7	0.0001	1E-04	1E-05	3E-04	5E-05	0.76	0.01	FALSE	0.83	0.04	FALSE	0.80	0.87	Normal	0	0	0.052	-16	no trend	NA	NA
POC-05	Toluene	ug/L	Full Dataset	9	8	0.1125	0.107	0.029	0.25	0.029	0.71	0	FALSE	0.71	0	FALSE	0.74	0.75	Nonparametric	0	0	0.017	-19	decreasing	NA	NA
POC-05	Total Radium	pCi/L	Full Dataset	9	5	0.6056	0.299	0.35	1.2	0.45	0.84	0.06	TRUE	0.88	0.17	TRUE	0.85	0.90	Normal	0	0	0.458	2	no trend	NA	NA
POC-05	Uranium	mg/L	Full Dataset	9	0	0.0257	0.004	0.017	0.032	0.026	0.96	0.83	TRUE	0.92	0.39	TRUE	0.95	0.90	Normal	1	0	0.071	15	no trend	**YES**	**YES**
POC-05	Uranium	mg/L	Extreme Outliers Removed	8	0	0.0268	0.003	0.023	0.032	0.027	0.94	0.65	TRUE	0.95	0.72	TRUE	0.96	0.97	Normal	0	0	0.159	9	no trend	NA	**YES**
POC-05	Xylenes, Total	ug/L	Full Dataset	9	9	0.2933	0.343	0.065	0.75	0.065	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-06	Adjusted Gross Alpha	pCi/L	Full Dataset	9	1	1.8333	1.142	0.4	3.6	1.7	0.95	0.69	TRUE	0.92	0.41	TRUE	0.97	0.94	Normal	0	0	0.458	2	no trend	NA	NA
POC-06	Antimony	mg/L	Full Dataset	9	0	0.0026	0.001	7E-04	0.004	0.003	0.97	0.87	TRUE	0.83	0.04	FALSE	0.96	0.81	Normal	0	0	0.201	9	no trend	NA	NA

Table 2: Statistics for Alert Levels and Aquifer Quality Limits

Well ID	Constituent	UNITS	Dataset Description	General Statistics							Shapiro-Wilk Normal Test			Shapiro-Wilk Lognormal Test			R**2 Values		Distribution	IQR Outliers	Rosner Outliers	Mann-Kendall Test			Significant Outliers?	Significant Trend?
				N	ND	Mean	S	Min	Max	Med	SW	p	Normal	SW	p	Log	Normal	Lognormal				p	s*	Trend		
POC-06	Arsenic	mg/L	Full Dataset	9	0	0.003	3E-04	0.003	0.004	0.003	0.91	0.33	TRUE	0.93	0.46	TRUE	0.89	0.91	Normal	3	0	0.457	2	no trend	NA	NA
POC-06	Barium	mg/L	Full Dataset	9	0	0.0593	0.008	0.039	0.067	0.061	0.76	0.01	FALSE	0.7	0	FALSE	0.74	0.67	Nonparametric	1	1	0.23	8	no trend	NA	NA
POC-06	Benzene	ug/L	Full Dataset	9	8	0.1364	0.126	0.032	0.32	0.032	0.73	0	FALSE	0.69	0	FALSE	0.76	0.72	Normal	0	0	0.078	-13	no trend	NA	NA
POC-06	Beryllium	mg/L	Full Dataset	9	3	9E-05	1E-04	7E-06	3E-04	4E-05	0.77	0.01	FALSE	0.97	0.88	TRUE	0.75	0.96	Normal	1	1	0.088	-14	no trend	NA	NA
POC-06	Cadmium	mg/L	Full Dataset	9	9	8E-05	8E-05	3E-05	3E-04	3E-05	0.75	0.01	FALSE	0.74	0	FALSE	0.75	0.77	Normal	0	0	0.049	-15	decreasing	NA	NA
POC-06	Chromium	mg/L	Full Dataset	9	1	0.0005	4E-04	6E-05	0.001	5E-04	0.97	0.89	TRUE	0.93	0.45	TRUE	0.97	0.92	Normal	0	0	0.174	-10	no trend	NA	NA
POC-06	Cyanide	mg/L	Full Dataset	9	9	0.0453	0.004	0.043	0.05	0.043	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-06	Ethylbenzene	ug/L	Full Dataset	9	9	0.1013	0.112	0.027	0.25	0.027	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-06	Fluoride	mg/L	Full Dataset	9	0	2.7778	0.199	2.4	3.1	2.8	0.96	0.75	TRUE	0.94	0.63	TRUE	0.93	0.92	Normal	1	0	0.227	8	no trend	NA	NA
POC-06	Gross Alpha Activity	pCi/L	Full Dataset	9	0	13	2.586	8.1	15.8	14.2	0.91	0.34	TRUE	0.88	0.15	TRUE	0.92	0.88	Normal	0	0	0.001	30	increasing	NA	**YES**
POC-06	Lead	mg/L	Full Dataset	9	8	0.0002	1E-04	3E-05	3E-04	2E-04	0.72	0	FALSE	0.68	0	FALSE	0.75	0.72	Normal	0	0	0.089	-13	no trend	NA	NA
POC-06	Mercury	mg/L	Full Dataset	9	9	0.0002	2E-04	8E-05	5E-04	8E-05	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-06	Nickel	mg/L	Full Dataset	9	0	0.0021	0.001	8E-04	0.005	0.002	0.76	0.01	FALSE	0.9	0.25	TRUE	0.75	0.89	Log-Normal	2	0	0.5	1	no trend	NA	NA
POC-06	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	8	0.1844	0.071	0.14	0.3	0.14	0.66	0	FALSE	0.66	0	FALSE	0.68	0.68	Nonparametric	0	0	0.016	-18	decreasing	NA	NA
POC-06	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	8	0.17	0.053	0.135	0.25	0.135	0.66	0	FALSE	0.65	0	FALSE	0.68	0.67	Nonparametric	0	0	0.016	-18	decreasing	NA	NA
POC-06	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	9	0.0213	0.022	0.007	0.05	0.007	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-06	Selenium	mg/L	Full Dataset	9	0	0.0013	7E-04	7E-04	0.003	0.001	0.65	0	FALSE	0.82	0.03	FALSE	0.61	0.77	Log-Normal	2	1	0.416	-3	no trend	NA	NA
POC-06	Thallium	mg/L	Full Dataset	9	8	0.0001	2E-04	1E-05	4E-04	1E-05	0.76	0.01	FALSE	0.69	0	FALSE	0.77	0.73	Normal	0	0	0.049	-15	decreasing	NA	NA
POC-06	Toluene	ug/L	Full Dataset	9	8	0.1114	0.107	0.029	0.25	0.029	0.7	0	FALSE	0.71	0	FALSE	0.74	0.75	Nonparametric	0	0	0.017	-19	decreasing	NA	NA
POC-06	Total Radium	pCi/L	Full Dataset	9	2	1.2444	0.672	0.45	2.1	1.3	0.88	0.14	TRUE	0.87	0.12	TRUE	0.91	0.90	Normal	0	0	0.5	-1	no trend	NA	NA
POC-06	Uranium	mg/L	Full Dataset	9	0	0.0129	0.005	0.005	0.018	0.015	0.9	0.25	TRUE	0.85	0.08	TRUE	0.91	0.85	Normal	0	0	0.005	25	increasing	NA	**YES**
POC-06	Xylenes, Total	ug/L	Full Dataset	9	9	0.2933	0.343	0.065	0.75	0.065	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-07	Adjusted Gross Alpha	pCi/L	Full Dataset	9	0	2.3556	1.071	0.6	4.3	2.4	0.98	0.94	TRUE	0.89	0.22	TRUE	0.96	0.87	Normal	2	0	0.071	-15	no trend	NA	NA
POC-07	Antimony	mg/L	Full Dataset	9	0	0.0003	3E-04	9E-05	1E-03	2E-04	0.7	0	FALSE	0.87	0.12	TRUE	0.68	0.88	Log-Normal	1	1	0.059	16	no trend	NA	NA
POC-07	Arsenic	mg/L	Full Dataset	9	0	0.011	0.005	0.004	0.018	0.013	0.94	0.61	TRUE	0.92	0.37	TRUE	0.96	0.93	Normal	0	0	0.006	-25	decreasing	NA	**YES**
POC-07	Barium	mg/L	Full Dataset	9	0	0.0411	0.01	0.025	0.056	0.042	0.99	1	TRUE	0.97	0.89	TRUE	1.00	0.97	Normal	0	0	3E-04	-34	decreasing	NA	NA
POC-07	Benzene	ug/L	Full Dataset	9	7	0.1448	0.128	0.032	0.35	0.077	0.79	0.02	FALSE	0.77	0.01	FALSE	0.82	0.81	Normal	0	0	0.058	-15	no trend	NA	NA
POC-07	Beryllium	mg/L	Full Dataset	9	6	5E-05	5E-05	7E-06	1E-04	3E-05	0.84	0.06	TRUE	0.86	0.09	TRUE	0.87	0.90	Normal	0	0	0.227	-8	no trend	NA	NA
POC-07	Cadmium	mg/L	Full Dataset	9	9	6E-05	5E-05	3E-05	1E-04	3E-05	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-07	Chromium	mg/L	Full Dataset	9	1	0.0004	4E-04	3E-05	9E-04	4E-04	0.87	0.14	TRUE	0.89	0.18	TRUE	0.91	0.91	Normal	0	0	0.126	-12	no trend	NA	NA
POC-07	Cyanide	mg/L	Full Dataset	9	9	0.0453	0.004	0.043	0.05	0.043	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-07	Ethylbenzene	ug/L	Full Dataset	9	8	0.1272	0.119	0.027	0.26	0.027	0.67	0	FALSE	0.66	0	FALSE	0.70	0.70	Nonparametric	0	0	0.119	-11	no trend	NA	NA
POC-07	Fluoride	mg/L	Full Dataset	9	1	0.5	0.188	0.09	0.81	0.49	0.85	0.07	TRUE	0.64	0	FALSE	0.80	0.60	Normal	2	0	0.265	-7	no trend	NA	NA
POC-07	Gross Alpha Activity	pCi/L	Full Dataset	9	0	3.4778	1.18	1.3	5.5	3.4	0.98	0.95	TRUE	0.89	0.19	TRUE	0.96	0.86	Normal	1	0	0.417	-3	no trend	NA	NA
POC-07	Lead	mg/L	Full Dataset	9	9	0.0001	1E-04	3E-05	3E-04	3E-05	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-07	Mercury	mg/L	Full Dataset	9	9	0.0002	2E-04	8E-05	5E-04	8E-05	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-07	Nickel	mg/L	Full Dataset	9	0	0.0021	0.001	2E-04	0.004	0.002	0.96	0.8	TRUE	0.76	0.01	FALSE	0.93	0.72	Normal	2	0	0.233	-8	no trend	NA	NA
POC-07	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	7	0.24	0.148	0.14	0.58	0.14	0.73	0	FALSE	0.77	0.01	FALSE	0.72	0.78	Log-Normal	1	1	0.243	-7	no trend	NA	NA
POC-07	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	7	0.2261	0.146	0.135	0.58	0.135	0.69	0	FALSE	0.77	0.01	FALSE	0.67	0.77	Log-Normal	1	1	0.243	-7	no trend	NA	NA
POC-07	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	9	0.0213	0.022	0.007	0.05	0.007	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-07	Selenium	mg/L	Full Dataset	9	0	0.0017	0.001	7E-04	0.004	0.001	0.84	0.06	TRUE	0.97	0.88	TRUE	0.83	0.96	Normal	1	1	0.301	6	no trend	NA	NA
POC-07	Thallium	mg/L	Full Dataset	9	8	9E-05	1E-04	1E-05	3E-04	1E-05	0.64	0	FALSE	0.69	0	FALSE	0.67	0.72	Nonparametric	0	0	0.078	-13	no trend	NA	NA
POC-07	Toluene	ug/L	Full Dataset	9	3	3.4762	6.431	0.029	19	0.16	0.64	0	FALSE	0.86	0.09	TRUE	0.62	0.88	Log-Normal	1	1	7E-04	-31	decreasing	**YES**	NA
POC-07	Toluene	ug/L	Extreme Outliers Removed	8	3	1.5357	2.923	0.029	8.1	0.135	0.61	0	FALSE	0.84	0.08	TRUE	0.60	0.86	Log-Normal	2	1	0.003	-23	decreasing	NA	NA
POC-07	Total Radium	pCi/L	Full Dataset	9	4	0.8833	0.511	0.4	1.6	0.7	0.82	0.04	FALSE	0.82	0.03	FALSE	0.86	0.85	Normal	0	0	0.416	-3	no trend	NA	NA

Table 2: Statistics for Alert Levels and Aquifer Quality Limits

Well ID	Constituent	UNITS	Dataset Description	General Statistics							Shapiro-Wilk Normal Test			Shapiro-Wilk Lognormal Test			R**2 Values		Distribution	IQR Outliers	Rosner Outliers	Mann-Kendall Test			Significant Outliers?	Significant Trend?
				N	ND	Mean	S	Min	Max	Med	SW	p	Normal	SW	p	Log	Normal	Lognormal				p	s*	Trend		
POC-07	Uranium	mg/L	Full Dataset	8	0	0.0016	9E-04	6E-04	0.003	0.002	0.9	0.27	TRUE	0.98	0.97	TRUE	0.88	0.97	Normal	1	0	0.067	13	no trend	NA	NA
POC-07	Xylenes, Total	ug/L	Full Dataset	9	8	0.3117	0.333	0.065	0.75	0.065	0.68	0	FALSE	0.71	0	FALSE	0.71	0.75	Nonparametric	0	0	0.009	-21	decreasing	NA	NA
POC-08	Adjusted Gross Alpha	pCi/L	Full Dataset	9	2	1.15	0.738	0.3	2.4	1	0.86	0.11	TRUE	0.96	0.8	TRUE	0.87	0.96	Normal	2	0	0.417	3	no trend	NA	NA
POC-08	Antimony	mg/L	Full Dataset	9	2	0.0003	6E-04	2E-05	0.002	7E-05	0.55	0	FALSE	0.85	0.08	TRUE	0.52	0.85	Log-Normal	2	1	4E-04	-33	decreasing	**YES**	NA
POC-08	Antimony	mg/L	Extreme Outliers Removed	8	2	0.0001	2E-04	2E-05	6E-04	6E-05	0.54	0	FALSE	0.87	0.14	TRUE	0.51	0.85	Log-Normal	1	1	0.001	-25	decreasing	NA	NA
POC-08	Arsenic	mg/L	Full Dataset	9	0	0.0028	0.002	0.001	0.005	0.002	0.81	0.03	FALSE	0.82	0.03	FALSE	0.84	0.85	Normal	0	0	0.144	11	no trend	NA	NA
POC-08	Barium	mg/L	Full Dataset	9	0	0.0379	0.008	0.021	0.048	0.039	0.93	0.52	TRUE	0.87	0.11	TRUE	0.93	0.85	Normal	1	0	0.147	11	no trend	NA	NA
POC-08	Benzene	ug/L	Full Dataset	9	6	0.1583	0.116	0.032	0.32	0.19	0.84	0.05	TRUE	0.79	0.02	FALSE	0.87	0.82	Normal	0	0	0.052	-16	no trend	NA	NA
POC-08	Beryllium	mg/L	Full Dataset	9	7	6E-05	5E-05	7E-06	1E-04	3E-05	0.78	0.01	FALSE	0.82	0.03	FALSE	0.82	0.86	Normal	0	0	0.079	-14	no trend	NA	NA
POC-08	Cadmium	mg/L	Full Dataset	9	9	6E-05	5E-05	3E-05	1E-04	3E-05	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-08	Chromium	mg/L	Full Dataset	9	2	0.0003	3E-04	1E-05	8E-04	3E-04	0.89	0.18	TRUE	0.91	0.33	TRUE	0.91	0.92	Normal	0	0	0.377	-4	no trend	NA	NA
POC-08	Cyanide	mg/L	Full Dataset	9	9	0.0453	0.004	0.043	0.05	0.043	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-08	Ethylbenzene	ug/L	Full Dataset	9	9	0.1013	0.112	0.027	0.25	0.027	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-08	Fluoride	mg/L	Full Dataset	9	0	1.5444	0.324	1.3	2.3	1.4	0.77	0.01	FALSE	0.82	0.04	FALSE	0.76	0.82	Normal	0	1	0.026	19	increasing	NA	NA
POC-08	Gross Alpha Activity	pCi/L	Full Dataset	9	2	3.6833	5.449	0.55	17.9	2	0.57	0	FALSE	0.92	0.38	TRUE	0.54	0.90	Log-Normal	2	1	0.174	-10	no trend	**YES**	NA
POC-08	Gross Alpha Activity	pCi/L	Extreme Outliers Removed	8	2	1.9063	1.204	0.55	4.4	1.9	0.89	0.23	TRUE	0.94	0.63	TRUE	0.87	0.94	Normal	1	0	0.451	-2	no trend	NA	NA
POC-08	Lead	mg/L	Full Dataset	9	8	0.0001	1E-04	3E-05	3E-04	3E-05	0.68	0	FALSE	0.67	0	FALSE	0.72	0.71	Nonparametric	0	0	0.049	-15	decreasing	NA	NA
POC-08	Mercury	mg/L	Full Dataset	9	8	0.0003	2E-04	8E-05	5E-04	8E-05	0.7	0	FALSE	0.68	0	FALSE	0.74	0.72	Nonparametric	0	0	0.005	-23	decreasing	NA	NA
POC-08	Nickel	mg/L	Full Dataset	9	0	0.0013	9E-04	3E-04	0.003	9E-04	0.89	0.19	TRUE	0.96	0.83	TRUE	0.88	0.95	Normal	1	0	0.002	-28	decreasing	NA	NA
POC-08	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	8	0.1844	0.071	0.14	0.3	0.14	0.66	0	FALSE	0.66	0	FALSE	0.68	0.68	Nonparametric	0	0	0.016	-18	decreasing	NA	NA
POC-08	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	8	0.17	0.053	0.135	0.25	0.135	0.66	0	FALSE	0.65	0	FALSE	0.68	0.67	Nonparametric	0	0	0.016	-18	decreasing	NA	NA
POC-08	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	9	0.0213	0.022	0.007	0.05	0.007	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-08	Selenium	mg/L	Full Dataset	9	1	0.0013	0.002	1E-04	0.006	8E-04	0.62	0	FALSE	0.92	0.43	TRUE	0.58	0.89	Log-Normal	1	1	0.006	-25	decreasing	NA	NA
POC-08	Thallium	mg/L	Full Dataset	9	8	7E-05	1E-04	1E-05	3E-04	1E-05	0.58	0	FALSE	0.65	0	FALSE	0.59	0.67	Nonparametric	2	0	0.029	-16	decreasing	NA	NA
POC-08	Toluene	ug/L	Full Dataset	9	0	0.4139	0.711	0.07	2.3	0.18	0.49	0	FALSE	0.82	0.04	FALSE	0.45	0.79	Log-Normal	1	1	0.011	-23	decreasing	NA	NA
POC-08	Total Radium	pCi/L	Full Dataset	9	8	0.45	0.171	0.35	0.9	0.4	0.54	0	FALSE	0.62	0	FALSE	0.50	0.58	Nonparametric	4	1	0.408	-3	no trend	NA	NA
POC-08	Uranium	mg/L	Full Dataset	9	0	0.0033	0.007	1E-04	0.021	9E-04	0.52	0	FALSE	0.95	0.68	TRUE	0.49	0.93	Log-Normal	2	1	0.174	-10	no trend	**YES**	NA
POC-08	Uranium	mg/L	Extreme Outliers Removed	8	0	0.0011	0.001	1E-04	0.004	8E-04	0.74	0.01	FALSE	0.99	1	TRUE	0.72	0.98	Log-Normal	1	1	0.451	-2	no trend	NA	NA
POC-08	Xylenes, Total	ug/L	Full Dataset	9	8	0.3106	0.333	0.065	0.75	0.065	0.68	0	FALSE	0.71	0	FALSE	0.71	0.75	Nonparametric	0	0	0.009	-21	decreasing	NA	NA
POC-09	Adjusted Gross Alpha	pCi/L	Full Dataset	9	1	1.1778	0.638	0.4	2.1	1.2	0.87	0.14	TRUE	0.86	0.11	TRUE	0.90	0.89	Normal	0	0	0.458	-2	no trend	NA	NA
POC-09	Antimony	mg/L	Full Dataset	9	1	0.0002	6E-05	1E-04	3E-04	2E-04	0.95	0.71	TRUE	0.97	0.88	TRUE	0.96	0.98	Normal	0	0	6E-04	-32	decreasing	NA	NA
POC-09	Arsenic	mg/L	Full Dataset	9	0	0.0039	7E-04	0.003	0.005	0.004	0.95	0.67	TRUE	0.95	0.66	TRUE	0.97	0.97	Normal	0	0	0.008	24	increasing	NA	NA
POC-09	Barium	mg/L	Full Dataset	9	0	0.0264	0.003	0.019	0.03	0.027	0.88	0.16	TRUE	0.84	0.05	TRUE	0.87	0.82	Normal	1	0	0.028	-19	decreasing	NA	NA
POC-09	Benzene	ug/L	Full Dataset	9	8	0.1364	0.126	0.032	0.32	0.032	0.73	0	FALSE	0.69	0	FALSE	0.76	0.72	Normal	0	0	0.078	-13	no trend	NA	NA
POC-09	Beryllium	mg/L	Full Dataset	9	4	5E-05	5E-05	1E-05	1E-04	3E-05	0.74	0	FALSE	0.85	0.08	TRUE	0.76	0.89	Normal	0	0	0.376	-4	no trend	NA	NA
POC-09	Cadmium	mg/L	Full Dataset	9	9	8E-05	8E-05	3E-05	3E-04	3E-05	0.75	0.01	FALSE	0.74	0	FALSE	0.75	0.77	Normal	0	0	0.049	-15	decreasing	NA	NA
POC-09	Chromium	mg/L	Full Dataset	9	2	0.0006	5E-04	6E-05	0.001	8E-04	0.88	0.15	TRUE	0.87	0.12	TRUE	0.90	0.89	Normal	0	0	0.301	-6	no trend	NA	NA
POC-09	Cyanide	mg/L	Full Dataset	9	9	0.0453	0.004	0.043	0.05	0.043	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-09	Ethylbenzene	ug/L	Full Dataset	9	9	0.1013	0.112	0.027	0.25	0.027	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-09	Fluoride	mg/L	Full Dataset	9	0	1.2333	0.122	1.1	1.4	1.2	0.87	0.12	TRUE	0.87	0.12	TRUE	0.90	0.90	Normal	0	0	0.012	22	increasing	NA	NA
POC-09	Gross Alpha Activity	pCi/L	Full Dataset	9	0	5.4333	0.574	4.8	6.7	5.3	0.9	0.23	TRUE	0.93	0.44	TRUE	0.88	0.92	Normal	1	0	0.088	-14	no trend	NA	NA
POC-09	Lead	mg/L	Full Dataset	9	8	0.0002	2E-04	3E-05	5E-04	3E-04	0.83	0.04	FALSE	0.75	0.01	FALSE	0.84	0.78	Normal	0	0	0.327	-5	no trend	NA	NA
POC-09	Mercury	mg/L	Full Dataset	9	9	0.0002	2E-04	8E-05	5E-04	8E-05	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-09	Nickel	mg/L	Full Dataset	9	0	0.0015	8E-04	7E-04	0.003	0.001	0.85	0.08	TRUE	0.93	0.48	TRUE	0.85	0.94	Normal	0	0	0.024	-20	decreasing	NA	NA
POC-09	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	0	0.5333	0.036	0.48	0.61	0.53	0.92	0.37	TRUE	0.93	0.5	TRUE	0.89	0.90	Normal	2	0	0.171	-10	no trend	NA	NA

Table 2: Statistics for Alert Levels and Aquifer Quality Limits

Well ID	Constituent	UNITS	Dataset Description	General Statistics							Shapiro-Wilk Normal Test			Shapiro-Wilk Lognormal Test			R**2 Values		Distribution	IQR Outliers	Rosner Outliers	Mann-Kendall Test			Significant Outliers?	Significant Trend?
				N	ND	Mean	S	Min	Max	Med	SW	p	Normal	SW	p	Log	Normal	Lognormal				p	s*	Trend		
POC-09	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	0	0.5333	0.036	0.48	0.61	0.53	0.92	0.37	TRUE	0.93	0.5	TRUE	0.89	0.90	Normal	2	0	0.171	-10	no trend	NA	NA
POC-09	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	9	0.0213	0.022	0.007	0.05	0.007	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-09	Selenium	mg/L	Full Dataset	9	1	0.0018	3E-04	0.001	0.002	0.002	0.82	0.03	FALSE	0.79	0.02	FALSE	0.83	0.80	Normal	2	0	0.043	-17	decreasing	NA	NA
POC-09	Thallium	mg/L	Full Dataset	9	9	0.0001	1E-04	1E-05	3E-04	1E-05	0.71	0	FALSE	0.7	0	FALSE	0.74	0.74	Nonparametric	0	0	0.009	-21	decreasing	NA	NA
POC-09	Toluene	ug/L	Full Dataset	9	6	0.1233	0.176	0.029	0.55	0.029	0.64	0	FALSE	0.77	0.01	FALSE	0.62	0.78	Log-Normal	2	1	0.025	-18	decreasing	NA	NA
POC-09	Total Radium	pCi/L	Full Dataset	9	6	0.6778	0.596	0.35	2.1	0.4	0.59	0	FALSE	0.65	0	FALSE	0.57	0.64	Nonparametric	2	1	0.454	2	no trend	**YES**	NA
POC-09	Total Radium	pCi/L	Extreme Outliers Removed	8	6	0.5	0.284	0.35	1.2	0.4	0.5	0	FALSE	0.56	0	FALSE	0.46	0.52	Nonparametric	3	1	0.334	4	no trend	NA	NA
POC-09	Uranium	mg/L	Full Dataset	8	0	0.0046	5E-04	0.004	0.005	0.005	0.91	0.36	TRUE	0.9	0.27	TRUE	0.93	0.92	Normal	0	0	0.265	-6	no trend	NA	NA
POC-09	Xylenes, Total	ug/L	Full Dataset	9	9	0.2933	0.343	0.065	0.75	0.065	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-10	Adjusted Gross Alpha	pCi/L	Full Dataset	9	3	0.9778	0.589	0.3	1.9	0.8	0.89	0.22	TRUE	0.92	0.38	TRUE	0.92	0.94	Normal	0	0	0.416	-3	no trend	NA	NA
POC-10	Antimony	mg/L	Full Dataset	9	0	0.0002	4E-05	2E-04	3E-04	2E-04	0.97	0.89	TRUE	0.97	0.87	TRUE	0.97	0.97	Normal	0	0	5E-04	-32	decreasing	NA	NA
POC-10	Arsenic	mg/L	Full Dataset	9	0	0.0023	2E-04	0.002	0.003	0.002	0.82	0.04	FALSE	0.81	0.03	FALSE	0.84	0.83	Normal	0	0	0.039	17	increasing	NA	NA
POC-10	Barium	mg/L	Full Dataset	9	0	0.022	0.005	0.014	0.029	0.022	0.99	0.99	TRUE	0.97	0.85	TRUE	0.99	0.96	Normal	0	0	8E-04	-31	decreasing	NA	NA
POC-10	Benzene	ug/L	Full Dataset	9	8	0.1397	0.132	0.032	0.35	0.032	0.75	0	FALSE	0.7	0	FALSE	0.77	0.73	Normal	0	0	0.078	-13	no trend	NA	NA
POC-10	Beryllium	mg/L	Full Dataset	9	2	4E-05	3E-05	1E-05	1E-04	3E-05	0.63	0	FALSE	0.87	0.11	TRUE	0.60	0.84	Log-Normal	1	1	0.337	5	no trend	NA	NA
POC-10	Cadmium	mg/L	Full Dataset	9	6	6E-05	4E-05	3E-05	1E-04	6E-05	0.81	0.03	FALSE	0.82	0.03	FALSE	0.84	0.85	Normal	0	0	0.189	-9	no trend	NA	NA
POC-10	Chromium	mg/L	Full Dataset	9	0	0.0012	5E-04	5E-04	0.002	0.001	0.92	0.38	TRUE	0.87	0.13	TRUE	0.94	0.89	Normal	0	0	0.417	-3	no trend	NA	NA
POC-10	Cyanide	mg/L	Full Dataset	9	9	0.0453	0.004	0.043	0.05	0.043	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-10	Ethylbenzene	ug/L	Full Dataset	9	9	0.1013	0.112	0.027	0.25	0.027	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-10	Fluoride	mg/L	Full Dataset	9	0	0.89	0.122	0.8	1.2	0.84	0.67	0	FALSE	0.72	0	FALSE	0.64	0.69	Nonparametric	1	1	0.144	11	no trend	NA	NA
POC-10	Gross Alpha Activity	pCi/L	Full Dataset	9	0	4.0444	0.95	2.4	5.2	4.3	0.87	0.13	TRUE	0.82	0.03	FALSE	0.88	0.82	Normal	2	0	0.03	-19	decreasing	NA	NA
POC-10	Lead	mg/L	Full Dataset	9	7	0.0001	1E-04	3E-05	3E-04	3E-05	0.7	0	FALSE	0.72	0	FALSE	0.74	0.75	Log-Normal	0	0	0.123	-11	no trend	NA	NA
POC-10	Mercury	mg/L	Full Dataset	9	9	0.0002	2E-04	8E-05	5E-04	8E-05	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA
POC-10	Nickel	mg/L	Full Dataset	9	0	0.0019	5E-04	0.001	0.003	0.002	0.93	0.53	TRUE	0.97	0.91	TRUE	0.92	0.97	Normal	1	0	0.017	-21	decreasing	NA	NA
POC-10	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	0	1.5444	0.174	1.3	1.9	1.6	0.9	0.26	TRUE	0.92	0.38	TRUE	0.88	0.90	Normal	0	0	0.001	29	increasing	NA	NA
POC-10	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	0	1.5444	0.174	1.3	1.9	1.6	0.9	0.26	TRUE	0.92	0.38	TRUE	0.88	0.90	Normal	0	0	0.001	29	increasing	NA	NA
POC-10	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	8	0.0231	0.025	0.007	0.066	0.007	0.68	0	FALSE	0.65	0	FALSE	0.69	0.67	Nonparametric	0	0	0.008	-20	decreasing	NA	NA
POC-10	Selenium	mg/L	Full Dataset	9	0	0.0094	8E-04	0.009	0.011	0.009	0.92	0.36	TRUE	0.93	0.52	TRUE	0.91	0.93	Normal	0	0	0.071	15	no trend	NA	NA
POC-10	Thallium	mg/L	Full Dataset	9	8	7E-05	1E-04	1E-05	3E-04	1E-05	0.56	0	FALSE	0.63	0	FALSE	0.57	0.64	Nonparametric	2	0	0.008	-20	decreasing	NA	NA
POC-10	Toluene	ug/L	Full Dataset	9	5	0.0744	0.066	0.029	0.21	0.029	0.77	0.01	FALSE	0.78	0.01	FALSE	0.77	0.80	Normal	0	0	0.103	-12	no trend	NA	NA
POC-10	Total Radium	pCi/L	Full Dataset	9	8	0.4056	0.046	0.35	0.5	0.4	0.85	0.07	TRUE	0.86	0.1	TRUE	0.83	0.85	Normal	4	0	0.123	-11	no trend	NA	NA
POC-10	Uranium	mg/L	Full Dataset	8	0	0.0038	9E-04	0.003	0.005	0.004	0.97	0.86	TRUE	0.97	0.92	TRUE	0.95	0.96	Normal	0	0	0.023	-17	decreasing	NA	NA
POC-10	Xylenes, Total	ug/L	Full Dataset	9	9	0.2933	0.343	0.065	0.75	0.065	0.62	0	FALSE	0.62	0	FALSE	0.64	0.64	Nonparametric	0	0	0.014	-18	decreasing	NA	NA

M = mean; N = size of dataset; mg/L = milligrams per liter; ug/L = micrograms per liter; pCi/L = picograms per liter; S = standard deviation; p = p-value for statistical test; AL = Alert Level; AQL = Aquifer Quality Limit; AWQS = Aquifer Water Quality Standard; % ND = percentage of non-detect results; SW = test statistic for the Shapiro-Wilk test for normality; K = tolerance factor obtained from ProUCL for 95% confidence level; s* = test statistic for the Mann-Kendall test for a significant trend; 95UTL = the upper tolerance limit of the 95th percentile at the 95% confidence level for the dataset distribution type; NA = not applicable

Table 3: Alert Levels and Aquifer Quality Limit Calculations

				General Statistics					UTL				AL Selection							
Well ID	Constituent	Unit	Dataset Description	N	Mean	S	% ND	k	Normal	LN	NP	Distribution	UTL	M+2S	p95	80% AWQS	AWQS	AL	AQL	Justification for AQL
POC-01	Adjusted Gross Alpha	pCi/L	Full Dataset	9	1.928	1.487	33%	3.031	6.4344	89	3.5	Normal	6.434	4.9	3.42	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-01	Antimony	mg/L	Full Dataset	9	6E-04	7E-04	11%	3.031	0.0028	0.003	0.003	Nonparametric	0.003	0	0.002	**0.0048**	**0.006**	0.0048	0.006	80% AWQS > Calculated UTL
POC-01	Antimony	mg/L	Extreme Outliers Removed	8	3E-04	2E-05	0%	3.187	0.0004	4E-04	4E-04	Normal	4E-04	0	4E-04	**0.0048**	**0.006**	0.0048	0.006	80% AWQS > Calculated UTL
POC-01	Arsenic	mg/L	Full Dataset	9	0.004	3E-04	0%	3.031	0.0051	0.005	0.005	Normal	0.005	0	0.005	**0.008**	**0.01**	0.008	0.01	80% AWQS > Calculated UTL
POC-01	Barium	mg/L	Full Dataset	9	0.031	0.004	0%	3.031	0.0433	0.045	0.039	Normal	0.043	0.04	0.038	**1.6**	**2**	1.6	2	80% AWQS > Calculated UTL
POC-01	Benzene	ug/L	Full Dataset	9	0.104	0.109	100%	3.031	0.4355	1.451	0.25	Nonparametric	0.25	0.32	0.25	**4**	**5**	4	5	More than 50% ND
POC-01	Beryllium	mg/L	Full Dataset	9	3E-05	4E-05	33%	3.031	0.0001	3E-04	1E-04	Log-Normal	3E-04	0	9E-05	**0.0032**	**0.004**	0.0032	0.004	80% AWQS > Calculated UTL
POC-01	Cadmium	mg/L	Full Dataset	9	6E-05	5E-05	100%	3.031	0.0002	5E-04	1E-04	Nonparametric	1E-04	0	1E-04	**0.004**	**0.005**	0.004	0.005	More than 50% ND
POC-01	Chromium	mg/L	Full Dataset	9	6E-04	4E-04	11%	3.031	0.0019	0.008	0.001	Normal	0.002	0	0.001	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-01	Cyanide	mg/L	Full Dataset	9	0.045	0.004	100%	3.031	0.0559	0.057	0.05	Nonparametric	0.05	0.05	0.05	**0.16**	**0.2**	0.16	0.2	More than 50% ND
POC-01	Ethylbenzene	ug/L	Full Dataset	9	0.101	0.112	100%	3.031	0.4393	1.653	0.25	Nonparametric	0.25	0.32	0.25	**560**	**700**	560	700	More than 50% ND
POC-01	Fluoride	mg/L	Full Dataset	9	0.98	0.102	0%	3.031	1.2884	1.335	1.1	Normal	1.288	1.18	1.1	**3.2**	**4**	3.2	4	80% AWQS > Calculated UTL
POC-01	Gross Alpha Activity	pCi/L	Full Dataset	9	14.12	3.465	0%	3.031	24.625	28.93	20.4	Normal	**24.62**	21.1	19.28	12	15	24.625	24.62	80% AWQS < Calculated UTL
POC-01	Gross Alpha Activity	pCi/L	Extreme Outliers Removed	8	13.34	2.718	0%	3.187	22	25.51	17.6	Normal	**22**	18.8	16.94	12	15	22	22	80% AWQS < Calculated UTL
POC-01	Lead	mg/L	Full Dataset	9	1E-04	1E-04	89%	3.031	0.0005	0.002	3E-04	Nonparametric	3E-04	0	3E-04	**0.04**	**0.05**	0.04	0.05	More than 50% ND
POC-01	Mercury	mg/L	Full Dataset	9	2E-04	2E-04	89%	3.031	0.0008	0.002	5E-04	Nonparametric	5E-04	0	5E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-01	Nickel	mg/L	Full Dataset	9	0.004	0.003	0%	3.031	0.0136	0.018	0.012	Log-Normal	0.018	0.01	0.009	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-01	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	23.56	1.014	0%	3.031	26.628	26.8	25	Normal	**26.63**	25.6	25	8	10	26.628	26.63	80% AWQS < Calculated UTL
POC-01	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	23.67	1.118	0%	3.031	27.055	27.28	25	Normal	**27.06**	25.9	25	8	10	27.055	27.06	80% AWQS < Calculated UTL
POC-01	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	0.021	0.022	100%	3.031	0.0865	0.265	0.05	Nonparametric	0.05	0.06	0.05	**0.8**	**1**	0.8	1	More than 50% ND
POC-01	Selenium	mg/L	Full Dataset	9	0.013	0.001	0%	3.031	0.016	0.016	0.015	Normal	0.016	0.02	0.015	**0.04**	**0.05**	0.04	0.05	80% AWQS > Calculated UTL
POC-01	Thallium	mg/L	Full Dataset	9	1E-04	1E-04	89%	3.031	0.0004	0.004	3E-04	Nonparametric	3E-04	0	3E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-01	Toluene	ug/L	Full Dataset	9	0.081	0.096	89%	3.031	0.3729	0.868	0.25	Nonparametric	0.25	0.27	0.25	**800**	**1000**	800	1000	More than 50% ND
POC-01	Total Radium	pCi/L	Full Dataset	9	1.344	0.74	0%	3.031	3.5877	6.476	2.7	Normal	3.588	2.82	2.54	**4**	**5**	4	5	80% AWQS > Calculated UTL
POC-01	Uranium	mg/L	Full Dataset	9	0.019	0.007	0%	3.031	0.0402	0.049	0.033	Normal	**0.04**	0.03	0.031	0.024	0.03	0.0402	0.04	80% AWQS < Calculated UTL
POC-01	Uranium	mg/L	Extreme Outliers Removed	8	0.018	0.005	0%	3.187	0.0333	0.039	0.028	Normal	**0.033**	0.03	0.026	0.024	0.03	0.0333	0.033	80% AWQS < Calculated UTL
POC-01	Xylenes, Total	ug/L	Full Dataset	9	0.293	0.343	100%	3.031	1.3315	5.979	0.75	Nonparametric	0.75	0.98	0.75	**8000**	**10000**	8000	10000	More than 50% ND
POC-02	Adjusted Gross Alpha	pCi/L	Full Dataset	9	2.206	2.539	22%	3.031	9.9005	104.3	8.1	Normal	9.901	7.28	6.34	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-02	Adjusted Gross Alpha	pCi/L	Extreme Outliers Removed	8	1.469	1.335	25%	3.187	5.7232	70.76	3.7	Normal	5.723	4.14	3.42	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-02	Antimony	mg/L	Full Dataset	9	9E-04	1E-04	0%	3.031	0.0012	0.001	0.001	Normal	0.001	0	1E-03	**0.0048**	**0.006**	0.0048	0.006	80% AWQS > Calculated UTL
POC-02	Arsenic	mg/L	Full Dataset	9	0.007	5E-04	0%	3.031	0.0084	0.009	0.008	Normal	**0.008**	0.01	0.007	0.008	0.01	0.0084	0.008	80% AWQS < Calculated UTL
POC-02	Barium	mg/L	Full Dataset	9	0.025	0.003	0%	3.031	0.0336	0.035	0.03	Normal	0.034	0.03	0.029	**1.6**	**2**	1.6	2	80% AWQS > Calculated UTL
POC-02	Benzene	ug/L	Full Dataset	9	0.104	0.109	100%	3.031	0.4355	1.451	0.25	Nonparametric	0.25	0.32	0.25	**4**	**5**	4	5	More than 50% ND
POC-02	Beryllium	mg/L	Full Dataset	9	5E-05	4E-05	22%	3.031	0.0002	3E-04	1E-04	Normal	2E-04	0	1E-04	**0.0032**	**0.004**	0.0032	0.004	80% AWQS > Calculated UTL
POC-02	Cadmium	mg/L	Full Dataset	9	6E-05	5E-05	100%	3.031	0.0002	5E-04	1E-04	Nonparametric	1E-04	0	1E-04	**0.004**	**0.005**	0.004	0.005	More than 50% ND
POC-02	Chromium	mg/L	Full Dataset	9	6E-04	5E-04	11%	3.031	0.002	0.016	0.001	Normal	0.002	0	0.001	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-02	Cyanide	mg/L	Full Dataset	9	0.045	0.004	100%	3.031	0.0559	0.057	0.05	Nonparametric	0.05	0.05	0.05	**0.16**	**0.2**	0.16	0.2	More than 50% ND
POC-02	Ethylbenzene	ug/L	Full Dataset	9	0.101	0.112	100%	3.031	0.4393	1.653	0.25	Nonparametric	0.25	0.32	0.25	**560**	**700**	560	700	More than 50% ND
POC-02	Fluoride	mg/L	Full Dataset	9	1.524	0.314	0%	3.031	2.4775	2.988	1.9	Normal	2.478	2.15	1.9	**3.2**	**4**	3.2	4	80% AWQS > Calculated UTL
POC-02	Gross Alpha Activity	pCi/L	Full Dataset	9	16.51	2.516	0%	3.031	24.136	26.17	20.8	Normal	**24.14**	21.5	19.96	12	15	24.136	24.14	80% AWQS < Calculated UTL
POC-02	Gross Alpha Activity	pCi/L	Extreme Outliers Removed	8	17.03	2.125	0%	3.187	23.798	25.11	20.8	Normal	**23.8**	21.3	20.07	12	15	23.798	23.8	80% AWQS < Calculated UTL

Table 3: Alert Levels and Aquifer Quality Limit Calculations

Well ID	Constituent	Unit	Dataset Description	General Statistics					UTL			Distribution	AL Selection				AWQS	AL	AQL	Justification for AQL
				N	Mean	S	% ND	k	Normal	LN	NP		UTL	M+2S	p95	80% AWQS				
POC-02	Lead	mg/L	Full Dataset	9	1E-04	1E-04	67%	3.031	0.0005	0.002	3E-04	Normal	5E-04	0	3E-04	**0.04**	**0.05**	0.04	0.05	More than 50% ND
POC-02	Mercury	mg/L	Full Dataset	9	2E-04	2E-04	89%	3.031	0.0009	0.003	5E-04	Nonparametric	5E-04	0	5E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-02	Nickel	mg/L	Full Dataset	9	0.003	1E-03	0%	3.031	0.0061	0.007	0.005	Normal	0.006	0.01	0.005	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-02	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	2.478	0.667	0%	3.031	4.4984	5.331	3.7	Normal	4.498	3.81	3.5	**8**	**10**	8	10	80% AWQS > Calculated UTL
POC-02	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	2.489	0.674	0%	3.031	4.5303	5.398	3.7	Normal	4.53	3.84	3.5	**8**	**10**	8	10	80% AWQS > Calculated UTL
POC-02	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	0.021	0.022	100%	3.031	0.0865	0.265	0.05	Nonparametric	0.05	0.06	0.05	**0.8**	**1**	0.8	1	More than 50% ND
POC-02	Selenium	mg/L	Full Dataset	9	0.008	0.003	0%	3.031	0.017	0.029	0.011	Normal	0.017	0.01	0.011	**0.04**	**0.05**	0.04	0.05	80% AWQS > Calculated UTL
POC-02	Thallium	mg/L	Full Dataset	9	1E-04	1E-04	67%	3.031	0.0004	0.003	3E-04	Normal	4E-04	0	3E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-02	Toluene	ug/L	Full Dataset	9	0.102	0.111	100%	3.031	0.438	1.579	0.25	Nonparametric	0.25	0.32	0.25	**800**	**1000**	800	1000	More than 50% ND
POC-02	Total Radium	pCi/L	Full Dataset	9	2.989	1.844	22%	3.031	8.5782	41.45	5.9	Normal	**8.578**	6.68	5.3	4	5	8.5782	8.578	80% AWQS < Calculated UTL
POC-02	Uranium	mg/L	Full Dataset	9	0.02	0.003	0%	3.031	0.0288	0.031	0.025	Normal	**0.029**	0.03	0.024	0.024	0.03	0.0288	0.029	80% AWQS < Calculated UTL
POC-02	Xylenes, Total	ug/L	Full Dataset	9	0.293	0.343	100%	3.031	1.3315	5.979	0.75	Nonparametric	0.75	0.98	0.75	**8000**	**10000**	8000	10000	More than 50% ND
POC-03	Adjusted Gross Alpha	pCi/L	Full Dataset	9	1.956	0.88	11%	3.031	4.6243	9.829	3.3	Normal	4.624	3.72	3.14	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-03	Antimony	mg/L	Full Dataset	9	7E-04	2E-04	0%	3.031	0.0014	0.002	0.001	Normal	0.001	0	0.001	**0.0048**	**0.006**	0.0048	0.006	80% AWQS > Calculated UTL
POC-03	Arsenic	mg/L	Full Dataset	9	0.007	7E-04	0%	3.031	0.0094	0.01	0.009	Normal	**0.009**	0.01	0.008	0.008	0.01	0.0094	0.009	80% AWQS < Calculated UTL
POC-03	Barium	mg/L	Full Dataset	9	0.074	0.006	0%	3.031	0.0911	0.094	0.082	Normal	0.091	0.09	0.08	**1.6**	**2**	1.6	2	80% AWQS > Calculated UTL
POC-03	Benzene	ug/L	Full Dataset	9	0.104	0.109	100%	3.031	0.4355	1.451	0.25	Nonparametric	0.25	0.32	0.25	**4**	**5**	4	5	More than 50% ND
POC-03	Beryllium	mg/L	Full Dataset	9	4E-05	3E-05	44%	3.031	0.0001	2E-04	1E-04	Log-Normal	2E-04	0	1E-04	**0.0032**	**0.004**	0.0032	0.004	80% AWQS > Calculated UTL
POC-03	Cadmium	mg/L	Full Dataset	9	7E-05	5E-05	100%	3.031	0.0002	7E-04	1E-04	Nonparametric	1E-04	0	1E-04	**0.004**	**0.005**	0.004	0.005	More than 50% ND
POC-03	Chromium	mg/L	Full Dataset	9	5E-04	5E-04	22%	3.031	0.0019	0.027	0.001	Normal	0.002	0	0.001	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-03	Cyanide	mg/L	Full Dataset	9	0.045	0.004	100%	3.031	0.0559	0.057	0.05	Nonparametric	0.05	0.05	0.05	**0.16**	**0.2**	0.16	0.2	More than 50% ND
POC-03	Ethylbenzene	ug/L	Full Dataset	9	0.101	0.112	100%	3.031	0.4393	1.653	0.25	Nonparametric	0.25	0.32	0.25	**560**	**700**	560	700	More than 50% ND
POC-03	Fluoride	mg/L	Full Dataset	9	1.411	0.093	0%	3.031	1.6924	1.712	1.6	Normal	1.692	1.6	1.56	**3.2**	**4**	3.2	4	80% AWQS > Calculated UTL
POC-03	Gross Alpha Activity	pCi/L	Full Dataset	9	10.29	1.467	0%	3.031	14.734	15.71	12.7	Normal	**14.73**	13.2	12.26	12	15	14.734	14.73	80% AWQS < Calculated UTL
POC-03	Lead	mg/L	Full Dataset	9	2E-04	2E-04	78%	3.031	0.0007	0.003	5E-04	Normal	7E-04	0	4E-04	**0.04**	**0.05**	0.04	0.05	More than 50% ND
POC-03	Mercury	mg/L	Full Dataset	9	2E-04	2E-04	100%	3.031	0.0009	0.003	5E-04	Nonparametric	5E-04	0	5E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-03	Nickel	mg/L	Full Dataset	9	0.002	8E-04	0%	3.031	0.0043	0.008	0.003	Normal	0.004	0	0.003	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-03	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	0.863	0.63	22%	3.031	2.7732	12.44	1.7	Normal	2.773	2.12	1.66	**8**	**10**	8	10	80% AWQS > Calculated UTL
POC-03	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	0.861	0.612	22%	3.031	2.7172	12.64	1.7	Normal	2.717	2.09	1.62	**8**	**10**	8	10	80% AWQS > Calculated UTL
POC-03	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	0.03	0.029	78%	3.031	0.1174	0.552	0.073	Normal	0.117	0.09	0.07	**0.8**	**1**	0.8	1	More than 50% ND
POC-03	Selenium	mg/L	Full Dataset	9	0.003	0.001	0%	3.031	0.0062	0.008	0.005	Normal	0.006	0.01	0.005	**0.04**	**0.05**	0.04	0.05	80% AWQS > Calculated UTL
POC-03	Thallium	mg/L	Full Dataset	9	9E-05	9E-05	33%	3.031	0.0004	9E-04	3E-04	Log-Normal	9E-04	0	3E-04	**0.0016**	**0.002**	0.0016	0.002	80% AWQS > Calculated UTL
POC-03	Toluene	ug/L	Full Dataset	9	0.102	0.111	100%	3.031	0.438	1.579	0.25	Nonparametric	0.25	0.32	0.25	**800**	**1000**	800	1000	More than 50% ND
POC-03	Total Radium	pCi/L	Full Dataset	9	1.239	1.243	33%	3.031	5.0077	11.76	4.1	Log-Normal	**11.76**	3.73	3.34	4	5	11.76	11.76	80% AWQS < Calculated UTL
POC-03	Total Radium	pCi/L	Extreme Outliers Removed	8	0.881	0.672	38%	3.187	3.0224	6.139	2.2	Normal	3.022	2.22	1.99	**4**	**5**	4	5	80% AWQS > Calculated UTL
POC-03	Uranium	mg/L	Full Dataset	9	0.009	0.001	0%	3.031	0.013	0.014	0.011	Normal	0.013	0.01	0.011	**0.024**	**0.03**	0.024	0.03	80% AWQS > Calculated UTL
POC-03	Uranium	mg/L	Extreme Outliers Removed	8	0.01	8E-04	0%	3.187	0.012	0.012	0.011	Normal	0.012	0.01	0.011	**0.024**	**0.03**	0.024	0.03	80% AWQS > Calculated UTL
POC-03	Xylenes, Total	ug/L	Full Dataset	9	0.293	0.343	100%	3.031	1.3315	5.979	0.75	Nonparametric	0.75	0.98	0.75	**8000**	**10000**	8000	10000	More than 50% ND
POC-04	Adjusted Gross Alpha	pCi/L	Full Dataset	9	1.7	1.646	22%	3.031	6.6897	45.98	4.3	Normal	6.69	4.99	4.3	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-04	Antimony	mg/L	Full Dataset	9	2E-04	3E-04	11%	3.031	0.0011	0.003	0.001	Log-Normal	0.003	0	7E-04	**0.0048**	**0.006**	0.0048	0.006	80% AWQS > Calculated UTL
POC-04	Arsenic	mg/L	Full Dataset	9	0.004	0.002	0%	3.031	0.009	0.01	0.008	Log-Normal	**0.01**	0.01	0.007	0.008	0.01	0.0104	0.01	80% AWQS < Calculated UTL

Table 3: Alert Levels and Aquifer Quality Limit Calculations

				General Statistics					UTL				AL Selection							
Well ID	Constituent	Unit	Dataset Description	N	Mean	S	% ND	k	Normal	LN	NP	Distribution	UTL	M+2S	p95	80% AWQS	AWQS	AL	AQL	Justification for AQL
POC-04	Arsenic	mg/L	Extreme Outliers Removed	8	0.004	7E-04	0%	3.187	0.006	0.007	0.005	Normal	0.006	0.01	0.005	**0.008**	**0.01**	0.008	0.01	80% AWQS > Calculated UTL
POC-04	Barium	mg/L	Full Dataset	9	0.059	0.006	0%	3.031	0.0786	0.081	0.07	Normal	0.079	0.07	0.069	**1.6**	**2**	1.6	2	80% AWQS > Calculated UTL
POC-04	Benzene	ug/L	Full Dataset	9	0.104	0.109	100%	3.031	0.4355	1.451	0.25	Nonparametric	0.25	0.32	0.25	**4**	**5**	4	5	More than 50% ND
POC-04	Beryllium	mg/L	Full Dataset	9	2E-05	1E-05	22%	3.031	5E-05	9E-05	4E-05	Normal	5E-05	0	4E-05	**0.0032**	**0.004**	0.0032	0.004	80% AWQS > Calculated UTL
POC-04	Cadmium	mg/L	Full Dataset	9	6E-05	5E-05	89%	3.031	0.0002	5E-04	1E-04	Nonparametric	1E-04	0	1E-04	**0.004**	**0.005**	0.004	0.005	More than 50% ND
POC-04	Chromium	mg/L	Full Dataset	9	4E-04	5E-04	11%	3.031	0.0019	0.007	0.002	Log-Normal	0.007	0	0.001	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-04	Cyanide	mg/L	Full Dataset	9	0.045	0.004	100%	3.031	0.0559	0.057	0.05	Nonparametric	0.05	0.05	0.05	**0.16**	**0.2**	0.16	0.2	More than 50% ND
POC-04	Ethylbenzene	ug/L	Full Dataset	9	0.128	0.12	89%	3.031	0.493	2.645	0.27	Nonparametric	0.27	0.37	0.262	**560**	**700**	560	700	More than 50% ND
POC-04	Fluoride	mg/L	Full Dataset	9	2.478	0.268	0%	3.031	3.2908	3.458	2.8	Normal	**3.291**	3.01	2.8	3.2	4	3.2908	3.291	80% AWQS < Calculated UTL
POC-04	Gross Alpha Activity	pCi/L	Full Dataset	9	15.56	5.15	0%	3.031	31.164	52.5	20.1	Normal	**31.16**	25.9	20.06	12	15	31.164	31.16	80% AWQS < Calculated UTL
POC-04	Gross Alpha Activity	pCi/L	Extreme Outliers Removed	8	16.65	4.241	0%	3.187	30.166	46.53	20.1	Normal	**30.17**	25.1	20.07	12	15	30.166	30.17	80% AWQS < Calculated UTL
POC-04	Lead	mg/L	Full Dataset	9	1E-04	1E-04	67%	3.031	0.0004	0.002	3E-04	Normal	4E-04	0	3E-04	**0.04**	**0.05**	0.04	0.05	More than 50% ND
POC-04	Mercury	mg/L	Full Dataset	9	2E-04	2E-04	100%	3.031	0.0009	0.003	5E-04	Nonparametric	5E-04	0	5E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-04	Nickel	mg/L	Full Dataset	9	0.011	0.028	0%	3.031	0.0963	0.157	0.086	Nonparametric	**0.086**	0.07	0.052	0.08	0.1	0.086	0.086	80% AWQS < Calculated UTL
POC-04	Nickel	mg/L	Extreme Outliers Removed	8	0.001	4E-04	0%	3.187	0.0026	0.003	0.002	Normal	0.003	0	0.002	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-04	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	0.198	0.087	89%	3.031	0.4628	0.622	0.34	Nonparametric	0.34	0.37	0.324	**8**	**10**	8	10	More than 50% ND
POC-04	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	0.177	0.063	89%	3.031	0.3679	0.455	0.28	Nonparametric	0.28	0.3	0.268	**8**	**10**	8	10	More than 50% ND
POC-04	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	0.034	0.036	78%	3.031	0.1432	0.665	0.11	Normal	0.143	0.11	0.089	**0.8**	**1**	0.8	1	More than 50% ND
POC-04	Selenium	mg/L	Full Dataset	9	0.001	3E-04	0%	3.031	0.0019	0.002	0.002	Normal	0.002	0	0.001	**0.04**	**0.05**	0.04	0.05	80% AWQS > Calculated UTL
POC-04	Thallium	mg/L	Full Dataset	9	7E-05	1E-04	78%	3.031	0.0004	0.002	3E-04	Log-Normal	0.002	0	3E-04	**0.0016**	**0.002**	0.0017	0.002	More than 50% ND
POC-04	Toluene	ug/L	Full Dataset	9	0.244	0.269	22%	3.031	1.0608	5.01	0.74	Normal	1.061	0.78	0.708	**800**	**1000**	800	1000	80% AWQS > Calculated UTL
POC-04	Total Radium	pCi/L	Full Dataset	9	0.461	0.139	78%	3.031	0.8815	1.001	0.7	Log-Normal	1.001	0.74	0.7	**4**	**5**	4	5	More than 50% ND
POC-04	Uranium	mg/L	Full Dataset	9	0.017	0.006	0%	3.031	0.0344	0.057	0.023	Normal	**0.034**	0.03	0.023	0.024	0.03	0.0344	0.034	80% AWQS < Calculated UTL
POC-04	Xylenes, Total	ug/L	Full Dataset	9	0.293	0.343	100%	3.031	1.3315	5.979	0.75	Nonparametric	0.75	0.98	0.75	**8000**	**10000**	8000	10000	More than 50% ND
POC-05	Adjusted Gross Alpha	pCi/L	Full Dataset	9	2.4	2.307	33%	3.031	9.3927	32.31	7.7	Normal	9.393	7.01	6.14	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-05	Adjusted Gross Alpha	pCi/L	Extreme Outliers Removed	8	1.738	1.252	38%	3.187	5.7288	19.83	3.8	Normal	5.729	4.24	3.52	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-05	Antimony	mg/L	Full Dataset	9	1E-04	1E-04	78%	3.031	0.0004	0.002	3E-04	Normal	4E-04	0	3E-04	**0.0048**	**0.006**	0.0048	0.006	More than 50% ND
POC-05	Arsenic	mg/L	Full Dataset	9	0.006	0.003	0%	3.031	0.0141	0.021	0.01	Normal	**0.014**	0.01	0.01	0.008	0.01	0.0141	0.014	80% AWQS < Calculated UTL
POC-05	Barium	mg/L	Full Dataset	9	0.096	0.008	0%	3.031	0.1199	0.123	0.11	Normal	0.12	0.11	0.106	**1.6**	**2**	1.6	2	80% AWQS > Calculated UTL
POC-05	Benzene	ug/L	Full Dataset	9	0.136	0.126	89%	3.031	0.5189	2.474	0.32	Normal	0.519	0.39	0.292	**4**	**5**	4	5	More than 50% ND
POC-05	Beryllium	mg/L	Full Dataset	9	2E-04	4E-04	44%	3.031	0.0015	0.004	0.001	Log-Normal	**0.004**	0	8E-04	0.0032	0.004	0.0043	0.004	80% AWQS < Calculated UTL
POC-05	Beryllium	mg/L	Extreme Outliers Removed	8	2E-04	4E-04	38%	3.187	0.0016	0.008	0.001	Log-Normal	**0.008**	0	9E-04	0.0032	0.004	0.0079	0.008	80% AWQS < Calculated UTL
POC-05	Cadmium	mg/L	Full Dataset	9	8E-05	8E-05	100%	3.031	0.0003	0.001	3E-04	Normal	3E-04	0	2E-04	**0.004**	**0.005**	0.004	0.005	More than 50% ND
POC-05	Chromium	mg/L	Full Dataset	9	5E-04	5E-04	22%	3.031	0.0019	0.009	0.001	Normal	0.002	0	0.001	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-05	Cyanide	mg/L	Full Dataset	9	0.045	0.004	100%	3.031	0.0559	0.057	0.05	Nonparametric	0.05	0.05	0.05	**0.16**	**0.2**	0.16	0.2	More than 50% ND
POC-05	Ethylbenzene	ug/L	Full Dataset	9	0.101	0.112	100%	3.031	0.4393	1.653	0.25	Nonparametric	0.25	0.32	0.25	**560**	**700**	560	700	More than 50% ND
POC-05	Fluoride	mg/L	Full Dataset	9	2.7	0.212	0%	3.031	3.343	3.419	3	Normal	**3.343**	3.12	2.96	3.2	4	3.343	3.343	80% AWQS < Calculated UTL
POC-05	Gross Alpha Activity	pCi/L	Full Dataset	9	22.2	2.605	0%	3.031	30.095	31.36	26.1	Normal	**30.1**	27.4	26.02	12	15	30.095	30.1	80% AWQS < Calculated UTL
POC-05	Lead	mg/L	Full Dataset	9	2E-04	1E-04	78%	3.031	0.0005	0.003	3E-04	Normal	5E-04	0	3E-04	**0.04**	**0.05**	0.04	0.05	More than 50% ND
POC-05	Mercury	mg/L	Full Dataset	9	3E-04	3E-04	78%	3.031	0.0012	0.004	1E-03	Normal	0.001	0	8E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-05	Nickel	mg/L	Full Dataset	9	0.001	9E-04	0%	3.031	0.0039	0.005	0.004	Log-Normal	0.005	0	0.003	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL

Table 3: Alert Levels and Aquifer Quality Limit Calculations

				General Statistics					UTL				AL Selection							
Well ID	Constituent	Unit	Dataset Description	N	Mean	S	% ND	k	Normal	LN	NP	Distribution	UTL	M+2S	p95	80% AWQS	AWQS	AL	AQL	Justification for AQL
POC-05	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	0.187	0.072	89%	3.031	0.4052	0.508	0.3	Nonparametric	0.3	0.33	0.3	**8**	**10**	8	10	More than 50% ND
POC-05	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	0.172	0.056	89%	3.031	0.3417	0.412	0.25	Nonparametric	0.25	0.28	0.25	**8**	**10**	8	10	More than 50% ND
POC-05	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	0.021	0.022	100%	3.031	0.0865	0.265	0.05	Nonparametric	0.05	0.06	0.05	**0.8**	**1**	0.8	1	More than 50% ND
POC-05	Selenium	mg/L	Full Dataset	9	0.001	4E-04	11%	3.031	0.0025	0.004	0.002	Normal	0.003	0	0.002	**0.04**	**0.05**	0.04	0.05	80% AWQS > Calculated UTL
POC-05	Thallium	mg/L	Full Dataset	9	1E-04	1E-04	78%	3.031	0.0004	0.004	3E-04	Normal	4E-04	0	3E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-05	Toluene	ug/L	Full Dataset	9	0.113	0.107	89%	3.031	0.4376	1.775	0.25	Nonparametric	0.25	0.33	0.25	**800**	**1000**	800	1000	More than 50% ND
POC-05	Total Radium	pCi/L	Full Dataset	9	0.606	0.299	56%	3.031	1.5131	2.178	1.2	Normal	1.513	1.2	1.08	**4**	**5**	4	5	More than 50% ND
POC-05	Uranium	mg/L	Full Dataset	9	0.026	0.004	0%	3.031	0.039	0.044	0.032	Normal	**0.039**	0.03	0.031	0.024	0.03	0.039	0.039	80% AWQS < Calculated UTL
POC-05	Uranium	mg/L	Extreme Outliers Removed	8	0.027	0.003	0%	3.187	0.0368	0.038	0.032	Normal	**0.037**	0.03	0.031	0.024	0.03	0.0368	0.037	80% AWQS < Calculated UTL
POC-05	Xylenes, Total	ug/L	Full Dataset	9	0.293	0.343	100%	3.031	1.3315	5.979	0.75	Nonparametric	0.75	0.98	0.75	**8000**	**10000**	8000	10000	More than 50% ND
POC-06	Adjusted Gross Alpha	pCi/L	Full Dataset	9	1.833	1.142	11%	3.031	5.2958	15.72	3.6	Normal	5.296	4.12	3.4	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-06	Antimony	mg/L	Full Dataset	9	0.003	0.001	0%	3.031	0.0056	0.012	0.004	Normal	**0.006**	0	0.004	0.0048	0.006	0.0056	0.006	80% AWQS < Calculated UTL
POC-06	Arsenic	mg/L	Full Dataset	9	0.003	3E-04	0%	3.031	0.0037	0.004	0.004	Normal	0.004	0	0.003	**0.008**	**0.01**	0.008	0.01	80% AWQS > Calculated UTL
POC-06	Barium	mg/L	Full Dataset	9	0.059	0.008	0%	3.031	0.0846	0.096	0.067	Nonparametric	0.067	0.08	0.067	**1.6**	**2**	1.6	2	80% AWQS > Calculated UTL
POC-06	Benzene	ug/L	Full Dataset	9	0.136	0.126	89%	3.031	0.5189	2.474	0.32	Normal	0.519	0.39	0.292	**4**	**5**	4	5	More than 50% ND
POC-06	Beryllium	mg/L	Full Dataset	9	9E-05	1E-04	33%	3.031	0.0004	0.002	3E-04	Normal	4E-04	0	2E-04	**0.0032**	**0.004**	0.0032	0.004	80% AWQS > Calculated UTL
POC-06	Cadmium	mg/L	Full Dataset	9	8E-05	8E-05	100%	3.031	0.0003	0.001	3E-04	Normal	3E-04	0	2E-04	**0.004**	**0.005**	0.004	0.005	More than 50% ND
POC-06	Chromium	mg/L	Full Dataset	9	5E-04	4E-04	11%	3.031	0.0016	0.007	0.001	Normal	0.002	0	0.001	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-06	Cyanide	mg/L	Full Dataset	9	0.045	0.004	100%	3.031	0.0559	0.057	0.05	Nonparametric	0.05	0.05	0.05	**0.16**	**0.2**	0.16	0.2	More than 50% ND
POC-06	Ethylbenzene	ug/L	Full Dataset	9	0.101	0.112	100%	3.031	0.4393	1.653	0.25	Nonparametric	0.25	0.32	0.25	**560**	**700**	560	700	More than 50% ND
POC-06	Fluoride	mg/L	Full Dataset	9	2.778	0.199	0%	3.031	3.3798	3.456	3.1	Normal	**3.38**	3.17	3.02	3.2	4	3.3798	3.38	80% AWQS < Calculated UTL
POC-06	Gross Alpha Activity	pCi/L	Full Dataset	9	13	2.586	0%	3.031	20.837	24.83	15.8	Normal	**20.84**	18.2	15.68	12	15	20.837	20.84	80% AWQS < Calculated UTL
POC-06	Lead	mg/L	Full Dataset	9	2E-04	1E-04	89%	3.031	0.0005	0.003	3E-04	Normal	5E-04	0	3E-04	**0.04**	**0.05**	0.04	0.05	More than 50% ND
POC-06	Mercury	mg/L	Full Dataset	9	2E-04	2E-04	100%	3.031	0.0009	0.003	5E-04	Nonparametric	5E-04	0	5E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-06	Nickel	mg/L	Full Dataset	9	0.002	0.001	0%	3.031	0.0065	0.01	0.005	Log-Normal	0.01	0.01	0.005	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-06	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	0.184	0.071	89%	3.031	0.3983	0.491	0.3	Nonparametric	0.3	0.33	0.3	**8**	**10**	8	10	More than 50% ND
POC-06	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	0.17	0.053	89%	3.031	0.3313	0.393	0.25	Nonparametric	0.25	0.28	0.25	**8**	**10**	8	10	More than 50% ND
POC-06	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	0.021	0.022	100%	3.031	0.0865	0.265	0.05	Nonparametric	0.05	0.06	0.05	**0.8**	**1**	0.8	1	More than 50% ND
POC-06	Selenium	mg/L	Full Dataset	9	0.001	7E-04	0%	3.031	0.0035	0.004	0.003	Log-Normal	0.004	0	0.002	**0.04**	**0.05**	0.04	0.05	80% AWQS > Calculated UTL
POC-06	Thallium	mg/L	Full Dataset	9	1E-04	2E-04	89%	3.031	0.0006	0.008	4E-04	Normal	6E-04	0	3E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-06	Toluene	ug/L	Full Dataset	9	0.111	0.107	89%	3.031	0.4364	1.73	0.25	Nonparametric	0.25	0.33	0.25	**800**	**1000**	800	1000	More than 50% ND
POC-06	Total Radium	pCi/L	Full Dataset	9	1.244	0.672	22%	3.031	3.2826	7.122	2.1	Normal	3.283	2.59	2.06	**4**	**5**	4	5	80% AWQS > Calculated UTL
POC-06	Uranium	mg/L	Full Dataset	9	0.013	0.005	0%	3.031	0.0267	0.044	0.018	Normal	**0.027**	0.02	0.018	0.024	0.03	0.0267	0.027	80% AWQS < Calculated UTL
POC-06	Xylenes, Total	ug/L	Full Dataset	9	0.293	0.343	100%	3.031	1.3315	5.979	0.75	Nonparametric	0.75	0.98	0.75	**8000**	**10000**	8000	10000	More than 50% ND
POC-07	Adjusted Gross Alpha	pCi/L	Full Dataset	9	2.356	1.071	0%	3.031	5.6028	11.86	4.3	Normal	5.603	4.5	3.9	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-07	Antimony	mg/L	Full Dataset	9	3E-04	3E-04	0%	3.031	0.0011	0.003	1E-03	Log-Normal	0.003	0	7E-04	**0.0048**	**0.006**	0.0048	0.006	80% AWQS > Calculated UTL
POC-07	Arsenic	mg/L	Full Dataset	9	0.011	0.005	0%	3.031	0.0252	0.044	0.018	Normal	**0.025**	0.02	0.017	0.008	0.01	0.0252	0.025	80% AWQS < Calculated UTL
POC-07	Barium	mg/L	Full Dataset	9	0.041	0.01	0%	3.031	0.0708	0.086	0.056	Normal	0.071	0.06	0.054	**1.6**	**2**	1.6	2	80% AWQS > Calculated UTL
POC-07	Benzene	ug/L	Full Dataset	9	0.145	0.128	78%	3.031	0.533	2.427	0.35	Normal	0.533	0.4	0.31	**4**	**5**	4	5	More than 50% ND
POC-07	Beryllium	mg/L	Full Dataset	9	5E-05	5E-05	67%	3.031	0.0002	0.001	1E-04	Normal	2E-04	0	1E-04	**0.0032**	**0.004**	0.0032	0.004	More than 50% ND
POC-07	Cadmium	mg/L	Full Dataset	9	6E-05	5E-05	100%	3.031	0.0002	5E-04	1E-04	Nonparametric	1E-04	0	1E-04	**0.004**	**0.005**	0.004	0.005	More than 50% ND

Table 3: Alert Levels and Aquifer Quality Limit Calculations

Well ID	Constituent	Unit	Dataset Description	General Statistics					UTL			Distribution	AL Selection				AWQS	AL	AQL	Justification for AQL
				N	Mean	S	% ND	k	Normal	LN	NP		UTL	M+2S	p95	80% AWQS				
POC-07	Chromium	mg/L	Full Dataset	9	4E-04	4E-04	11%	3.031	0.0015	0.011	9E-04	Normal	0.001	0	9E-04	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-07	Cyanide	mg/L	Full Dataset	9	0.045	0.004	100%	3.031	0.0559	0.057	0.05	Nonparametric	0.05	0.05	0.05	**0.16**	**0.2**	0.16	0.2	More than 50% ND
POC-07	Ethylbenzene	ug/L	Full Dataset	9	0.127	0.119	89%	3.031	0.4876	2.593	0.26	Nonparametric	0.26	0.36	0.256	**560**	**700**	560	700	More than 50% ND
POC-07	Fluoride	mg/L	Full Dataset	9	0.5	0.188	11%	3.031	1.0701	2.94	0.81	Normal	1.07	0.88	0.734	**3.2**	**4**	3.2	4	80% AWQS > Calculated UTL
POC-07	Gross Alpha Activity	pCi/L	Full Dataset	9	3.478	1.18	0%	3.031	7.0538	11.27	5.5	Normal	7.054	5.84	5.02	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-07	Lead	mg/L	Full Dataset	9	1E-04	1E-04	100%	3.031	0.0004	0.002	3E-04	Nonparametric	3E-04	0	3E-04	**0.04**	**0.05**	0.04	0.05	More than 50% ND
POC-07	Mercury	mg/L	Full Dataset	9	2E-04	2E-04	100%	3.031	0.0009	0.003	5E-04	Nonparametric	5E-04	0	5E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-07	Nickel	mg/L	Full Dataset	9	0.002	0.001	0%	3.031	0.0055	0.023	0.004	Normal	0.005	0	0.004	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-07	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	0.24	0.148	78%	3.031	0.6875	1.025	0.58	Log-Normal	1.025	0.54	0.468	**8**	**10**	8	10	More than 50% ND
POC-07	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	0.226	0.146	78%	3.031	0.669	0.939	0.58	Log-Normal	0.939	0.52	0.46	**8**	**10**	8	10	More than 50% ND
POC-07	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	0.021	0.022	100%	3.031	0.0865	0.265	0.05	Nonparametric	0.05	0.06	0.05	**0.8**	**1**	0.8	1	More than 50% ND
POC-07	Selenium	mg/L	Full Dataset	9	0.002	0.001	0%	3.031	0.0048	0.007	0.004	Normal	0.005	0	0.003	**0.04**	**0.05**	0.04	0.05	80% AWQS > Calculated UTL
POC-07	Thallium	mg/L	Full Dataset	9	9E-05	1E-04	89%	3.031	0.0005	0.003	3E-04	Nonparametric	3E-04	0	3E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-07	Toluene	ug/L	Full Dataset	9	3.476	6.431	33%	3.031	22.97	772	19	Log-Normal	772	16.3	14.64	**800**	**1000**	800	1000	80% AWQS > Calculated UTL
POC-07	Toluene	ug/L	Extreme Outliers Removed	8	1.536	2.923	38%	3.187	10.85	223.4	8.1	Log-Normal	223.4	7.38	6.525	**800**	**1000**	800	1000	80% AWQS > Calculated UTL
POC-07	Total Radium	pCi/L	Full Dataset	9	0.883	0.511	44%	3.031	2.4326	4.845	1.6	Normal	2.433	1.91	1.56	**4**	**5**	4	5	80% AWQS > Calculated UTL
POC-07	Uranium	mg/L	Full Dataset	8	0.002	9E-04	0%	3.187	0.0044	0.008	0.003	Normal	0.004	0	0.003	**0.024**	**0.03**	0.024	0.03	80% AWQS > Calculated UTL
POC-07	Xylenes, Total	ug/L	Full Dataset	9	0.312	0.333	89%	3.031	1.3211	6.222	0.75	Nonparametric	0.75	0.98	0.75	**8000**	**10000**	8000	10000	More than 50% ND
POC-08	Adjusted Gross Alpha	pCi/L	Full Dataset	9	1.15	0.738	22%	3.031	3.3876	7.082	2.4	Normal	3.388	2.63	2.36	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-08	Antimony	mg/L	Full Dataset	9	3E-04	6E-04	22%	3.031	0.0022	0.009	0.002	Log-Normal	**0.009**	0	0.001	0.0048	0.006	0.0089	0.009	80% AWQS < Calculated UTL
POC-08	Antimony	mg/L	Extreme Outliers Removed	8	1E-04	2E-04	25%	3.187	0.0007	0.002	6E-04	Log-Normal	0.002	0	4E-04	**0.0048**	**0.006**	0.0048	0.006	80% AWQS > Calculated UTL
POC-08	Arsenic	mg/L	Full Dataset	9	0.003	0.002	0%	3.031	0.008	0.016	0.005	Normal	0.008	0.01	0.005	**0.008**	**0.01**	0.008	0.01	80% AWQS > Calculated UTL
POC-08	Barium	mg/L	Full Dataset	9	0.038	0.008	0%	3.031	0.0629	0.079	0.048	Normal	0.063	0.05	0.047	**1.6**	**2**	1.6	2	80% AWQS > Calculated UTL
POC-08	Benzene	ug/L	Full Dataset	9	0.158	0.116	67%	3.031	0.5111	2.402	0.32	Normal	0.511	0.39	0.292	**4**	**5**	4	5	More than 50% ND
POC-08	Beryllium	mg/L	Full Dataset	9	6E-05	5E-05	78%	3.031	0.0002	0.002	1E-04	Normal	2E-04	0	1E-04	**0.0032**	**0.004**	0.0032	0.004	More than 50% ND
POC-08	Cadmium	mg/L	Full Dataset	9	6E-05	5E-05	100%	3.031	0.0002	5E-04	1E-04	Nonparametric	1E-04	0	1E-04	**0.004**	**0.005**	0.004	0.005	More than 50% ND
POC-08	Chromium	mg/L	Full Dataset	9	3E-04	3E-04	22%	3.031	0.0013	0.014	8E-04	Normal	0.001	0	8E-04	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-08	Cyanide	mg/L	Full Dataset	9	0.045	0.004	100%	3.031	0.0559	0.057	0.05	Nonparametric	0.05	0.05	0.05	**0.16**	**0.2**	0.16	0.2	More than 50% ND
POC-08	Ethylbenzene	ug/L	Full Dataset	9	0.101	0.112	100%	3.031	0.4393	1.653	0.25	Nonparametric	0.25	0.32	0.25	**560**	**700**	560	700	More than 50% ND
POC-08	Fluoride	mg/L	Full Dataset	9	1.544	0.324	0%	3.031	2.5279	2.687	2.3	Normal	2.528	2.19	2.06	**3.2**	**4**	3.2	4	80% AWQS > Calculated UTL
POC-08	Gross Alpha Activity	pCi/L	Full Dataset	9	3.683	5.449	22%	3.031	20.199	46.42	17.9	Log-Normal	**46.42**	14.6	12.5	12	15	46.421	46.42	80% AWQS < Calculated UTL
POC-08	Gross Alpha Activity	pCi/L	Extreme Outliers Removed	8	1.906	1.204	25%	3.187	5.7424	13.62	4.4	Normal	5.742	4.31	3.665	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-08	Lead	mg/L	Full Dataset	9	1E-04	1E-04	89%	3.031	0.0005	0.002	3E-04	Nonparametric	3E-04	0	3E-04	**0.04**	**0.05**	0.04	0.05	More than 50% ND
POC-08	Mercury	mg/L	Full Dataset	9	3E-04	2E-04	89%	3.031	0.0009	0.003	5E-04	Nonparametric	5E-04	0	5E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-08	Nickel	mg/L	Full Dataset	9	0.001	9E-04	0%	3.031	0.0041	0.01	0.003	Normal	0.004	0	0.003	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-08	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	0.184	0.071	89%	3.031	0.3983	0.491	0.3	Nonparametric	0.3	0.33	0.3	**8**	**10**	8	10	More than 50% ND
POC-08	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	0.17	0.053	89%	3.031	0.3313	0.393	0.25	Nonparametric	0.25	0.28	0.25	**8**	**10**	8	10	More than 50% ND
POC-08	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	0.021	0.022	100%	3.031	0.0865	0.265	0.05	Nonparametric	0.05	0.06	0.05	**0.8**	**1**	0.8	1	More than 50% ND
POC-08	Selenium	mg/L	Full Dataset	9	0.001	0.002	11%	3.031	0.0062	0.017	0.006	Log-Normal	0.017	0	0.004	**0.04**	**0.05**	0.04	0.05	80% AWQS > Calculated UTL
POC-08	Thallium	mg/L	Full Dataset	9	7E-05	1E-04	89%	3.031	0.0004	0.002	3E-04	Nonparametric	3E-04	0	3E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-08	Toluene	ug/L	Full Dataset	9	0.414	0.711	0%	3.031	2.5685	4.529	2.3	Log-Normal	4.529	1.84	1.496	**800**	**1000**	800	1000	80% AWQS > Calculated UTL

Table 3: Alert Levels and Aquifer Quality Limit Calculations

Well ID	Constituent	Unit	Dataset Description	General Statistics					UTL			Distribution	AL Selection				AWQS	AL	AQL	Justification for AQL
				N	Mean	S	% ND	k	Normal	LN	NP		UTL	M+2S	p95	80% AWQS				
POC-08	Total Radium	pCi/L	Full Dataset	9	0.45	0.171	89%	3.031	0.9695	1.027	0.9	Nonparametric	0.9	0.79	0.72	**4**	**5**	4	5	More than 50% ND
POC-08	Uranium	mg/L	Full Dataset	9	0.003	0.007	0%	3.031	0.0237	0.094	0.021	Log-Normal	**0.094**	0.02	0.014	0.024	0.03	0.0938	0.094	80% AWQS < Calculated UTL
POC-08	Uranium	mg/L	Extreme Outliers Removed	8	0.001	0.001	0%	3.187	0.0051	0.019	0.004	Log-Normal	0.019	0	0.003	**0.024**	**0.03**	0.024	0.03	80% AWQS > Calculated UTL
POC-08	Xylenes, Total	ug/L	Full Dataset	9	0.311	0.333	89%	3.031	1.321	6.166	0.75	Nonparametric	0.75	0.98	0.75	**8000**	**10000**	8000	10000	More than 50% ND
POC-09	Adjusted Gross Alpha	pCi/L	Full Dataset	9	1.178	0.638	11%	3.031	3.1113	6.66	2.1	Normal	3.111	2.45	2.1	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-09	Antimony	mg/L	Full Dataset	9	2E-04	6E-05	11%	3.031	0.0004	5E-04	3E-04	Normal	4E-04	0	3E-04	**0.0048**	**0.006**	0.0048	0.006	80% AWQS > Calculated UTL
POC-09	Arsenic	mg/L	Full Dataset	9	0.004	7E-04	0%	3.031	0.0059	0.007	0.005	Normal	0.006	0.01	0.005	**0.008**	**0.01**	0.008	0.01	80% AWQS > Calculated UTL
POC-09	Barium	mg/L	Full Dataset	9	0.026	0.003	0%	3.031	0.0367	0.04	0.03	Normal	0.037	0.03	0.03	**1.6**	**2**	1.6	2	80% AWQS > Calculated UTL
POC-09	Benzene	ug/L	Full Dataset	9	0.136	0.126	89%	3.031	0.5189	2.474	0.32	Normal	0.519	0.39	0.292	**4**	**5**	4	5	More than 50% ND
POC-09	Beryllium	mg/L	Full Dataset	9	5E-05	5E-05	44%	3.031	0.0002	5E-04	1E-04	Normal	2E-04	0	1E-04	**0.0032**	**0.004**	0.0032	0.004	80% AWQS > Calculated UTL
POC-09	Cadmium	mg/L	Full Dataset	9	8E-05	8E-05	100%	3.031	0.0003	0.001	3E-04	Normal	3E-04	0	2E-04	**0.004**	**0.005**	0.004	0.005	More than 50% ND
POC-09	Chromium	mg/L	Full Dataset	9	6E-04	5E-04	22%	3.031	0.0021	0.013	0.001	Normal	0.002	0	0.001	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-09	Cyanide	mg/L	Full Dataset	9	0.045	0.004	100%	3.031	0.0559	0.057	0.05	Nonparametric	0.05	0.05	0.05	**0.16**	**0.2**	0.16	0.2	More than 50% ND
POC-09	Ethylbenzene	ug/L	Full Dataset	9	0.101	0.112	100%	3.031	0.4393	1.653	0.25	Nonparametric	0.25	0.32	0.25	**560**	**700**	560	700	More than 50% ND
POC-09	Fluoride	mg/L	Full Dataset	9	1.233	0.122	0%	3.031	1.6046	1.657	1.4	Normal	1.605	1.48	1.4	**3.2**	**4**	3.2	4	80% AWQS > Calculated UTL
POC-09	Gross Alpha Activity	pCi/L	Full Dataset	9	5.433	0.574	0%	3.031	7.1745	7.345	6.7	Normal	7.175	6.58	6.34	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-09	Lead	mg/L	Full Dataset	9	2E-04	2E-04	89%	3.031	0.0007	0.004	5E-04	Normal	7E-04	0	4E-04	**0.04**	**0.05**	0.04	0.05	More than 50% ND
POC-09	Mercury	mg/L	Full Dataset	9	2E-04	2E-04	100%	3.031	0.0009	0.003	5E-04	Nonparametric	5E-04	0	5E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-09	Nickel	mg/L	Full Dataset	9	0.001	8E-04	0%	3.031	0.004	0.006	0.003	Normal	0.004	0	0.003	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-09	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	0.533	0.036	0%	3.031	0.6426	0.651	0.61	Normal	0.643	0.61	0.586	**8**	**10**	8	10	80% AWQS > Calculated UTL
POC-09	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	0.533	0.036	0%	3.031	0.6426	0.651	0.61	Normal	0.643	0.61	0.586	**8**	**10**	8	10	80% AWQS > Calculated UTL
POC-09	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	0.021	0.022	100%	3.031	0.0865	0.265	0.05	Nonparametric	0.05	0.06	0.05	**0.8**	**1**	0.8	1	More than 50% ND
POC-09	Selenium	mg/L	Full Dataset	9	0.002	3E-04	11%	3.031	0.0028	0.003	0.002	Normal	0.003	0	0.002	**0.04**	**0.05**	0.04	0.05	80% AWQS > Calculated UTL
POC-09	Thallium	mg/L	Full Dataset	9	1E-04	1E-04	100%	3.031	0.0005	0.004	3E-04	Nonparametric	3E-04	0	3E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-09	Toluene	ug/L	Full Dataset	9	0.123	0.176	67%	3.031	0.6565	1.894	0.55	Log-Normal	1.894	0.48	0.43	**800**	**1000**	800	1000	More than 50% ND
POC-09	Total Radium	pCi/L	Full Dataset	9	0.678	0.596	67%	3.031	2.4839	3.637	2.1	Nonparametric	2.1	1.87	1.74	**4**	**5**	4	5	More than 50% ND
POC-09	Total Radium	pCi/L	Extreme Outliers Removed	8	0.5	0.284	75%	3.187	1.4054	1.613	1.2	Nonparametric	1.2	1.07	0.938	**4**	**5**	4	5	More than 50% ND
POC-09	Uranium	mg/L	Full Dataset	8	0.005	5E-04	0%	3.187	0.0062	0.006	0.005	Normal	0.006	0.01	0.005	**0.024**	**0.03**	0.024	0.03	80% AWQS > Calculated UTL
POC-09	Xylenes, Total	ug/L	Full Dataset	9	0.293	0.343	100%	3.031	1.3315	5.979	0.75	Nonparametric	0.75	0.98	0.75	**8000**	**10000**	8000	10000	More than 50% ND
POC-10	Adjusted Gross Alpha	pCi/L	Full Dataset	9	0.978	0.589	33%	3.031	2.7631	5.921	1.9	Normal	2.763	2.16	1.82	**12**	**15**	12	15	80% AWQS > Calculated UTL
POC-10	Antimony	mg/L	Full Dataset	9	2E-04	4E-05	0%	3.031	0.0003	4E-04	3E-04	Normal	3E-04	0	3E-04	**0.0048**	**0.006**	0.0048	0.006	80% AWQS > Calculated UTL
POC-10	Arsenic	mg/L	Full Dataset	9	0.002	2E-04	0%	3.031	0.0029	0.003	0.003	Normal	0.003	0	0.002	**0.008**	**0.01**	0.008	0.01	80% AWQS > Calculated UTL
POC-10	Barium	mg/L	Full Dataset	9	0.022	0.005	0%	3.031	0.0361	0.042	0.029	Normal	0.036	0.03	0.028	**1.6**	**2**	1.6	2	80% AWQS > Calculated UTL
POC-10	Benzene	ug/L	Full Dataset	9	0.14	0.132	89%	3.031	0.5396	2.606	0.35	Normal	0.54	0.4	0.31	**4**	**5**	4	5	More than 50% ND
POC-10	Beryllium	mg/L	Full Dataset	9	4E-05	3E-05	22%	3.031	0.0001	2E-04	1E-04	Log-Normal	2E-04	0	9E-05	**0.0032**	**0.004**	0.0032	0.004	80% AWQS > Calculated UTL
POC-10	Cadmium	mg/L	Full Dataset	9	6E-05	4E-05	67%	3.031	0.0002	4E-04	1E-04	Normal	2E-04	0	1E-04	**0.004**	**0.005**	0.004	0.005	More than 50% ND
POC-10	Chromium	mg/L	Full Dataset	9	0.001	5E-04	0%	3.031	0.0028	0.005	0.002	Normal	0.003	0	0.002	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-10	Cyanide	mg/L	Full Dataset	9	0.045	0.004	100%	3.031	0.0559	0.057	0.05	Nonparametric	0.05	0.05	0.05	**0.16**	**0.2**	0.16	0.2	More than 50% ND
POC-10	Ethylbenzene	ug/L	Full Dataset	9	0.101	0.112	100%	3.031	0.4393	1.653	0.25	Nonparametric	0.25	0.32	0.25	**560**	**700**	560	700	More than 50% ND
POC-10	Fluoride	mg/L	Full Dataset	9	0.89	0.122	0%	3.031	1.2597	1.281	1.2	Nonparametric	1.2	1.13	1.084	**3.2**	**4**	3.2	4	80% AWQS > Calculated UTL
POC-10	Gross Alpha Activity	pCi/L	Full Dataset	9	4.044	0.95	0%	3.031	6.9243	8.892	5.2	Normal	6.924	5.94	5.04	**12**	**15**	12	15	80% AWQS > Calculated UTL

Table 3: Alert Levels and Aquifer Quality Limit Calculations

				General Statistics					UTL				AL Selection							
Well ID	Constituent	Unit	Dataset Description	N	Mean	S	% ND	k	Normal	LN	NP	Distribution	UTL	M+2S	p95	80% AWQS	AWQS	AL	AQL	Justification for AQL
POC-10	Lead	mg/L	Full Dataset	9	1E-04	1E-04	78%	3.031	0.0004	0.002	3E-04	Log-Normal	0.002	0	3E-04	**0.04**	**0.05**	0.04	0.05	More than 50% ND
POC-10	Mercury	mg/L	Full Dataset	9	2E-04	2E-04	100%	3.031	0.0009	0.003	5E-04	Nonparametric	5E-04	0	5E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-10	Nickel	mg/L	Full Dataset	9	0.002	5E-04	0%	3.031	0.0035	0.004	0.003	Normal	0.004	0	0.003	**0.08**	**0.1**	0.08	0.1	80% AWQS > Calculated UTL
POC-10	Nitrate and Nitrite Sum	mg/L	Full Dataset	9	1.544	0.174	0%	3.031	2.0719	2.146	1.9	Normal	2.072	1.89	1.78	**8**	**10**	8	10	80% AWQS > Calculated UTL
POC-10	Nitrogen, Nitrate (As N)	mg/L	Full Dataset	9	1.544	0.174	0%	3.031	2.0719	2.146	1.9	Normal	2.072	1.89	1.78	**8**	**10**	8	10	80% AWQS > Calculated UTL
POC-10	Nitrogen, Nitrite (As N)	mg/L	Full Dataset	9	0.023	0.025	89%	3.031	0.0977	0.318	0.066	Nonparametric	0.066	0.07	0.06	**0.8**	**1**	0.8	1	More than 50% ND
POC-10	Selenium	mg/L	Full Dataset	9	0.009	8E-04	0%	3.031	0.0117	0.012	0.011	Normal	0.012	0.01	0.011	**0.04**	**0.05**	0.04	0.05	80% AWQS > Calculated UTL
POC-10	Thallium	mg/L	Full Dataset	9	7E-05	1E-04	89%	3.031	0.0004	0.001	3E-04	Nonparametric	3E-04	0	3E-04	**0.0016**	**0.002**	0.0016	0.002	More than 50% ND
POC-10	Toluene	ug/L	Full Dataset	9	0.074	0.066	56%	3.031	0.2736	0.647	0.21	Normal	0.274	0.21	0.182	**800**	**1000**	800	1000	More than 50% ND
POC-10	Total Radium	pCi/L	Full Dataset	9	0.406	0.046	89%	3.031	0.5462	0.565	0.5	Normal	0.546	0.5	0.48	**4**	**5**	4	5	More than 50% ND
POC-10	Uranium	mg/L	Full Dataset	8	0.004	9E-04	0%	3.187	0.0065	0.008	0.005	Normal	0.006	0.01	0.005	**0.024**	**0.03**	0.024	0.03	80% AWQS > Calculated UTL
POC-10	Xylenes, Total	ug/L	Full Dataset	9	0.293	0.343	100%	3.031	1.3315	5.979	0.75	Nonparametric	0.75	0.98	0.75	**8000**	**10000**	8000	10000	More than 50% ND

M = mean; N = size of dataset; mg/L = milligrams per liter; ug/L = micrograms per liter; pCi/L = picograms per liter; S = standard deviation; p = p-value for statistical test; AL = Alert Level; AQL = Aquifer Quality Limit; AWQS = Aquifer Water Quality Standard; % ND = percentage of non-detect results; SW = test statistic for the Shapiro-Wilk test for normality; K = tolerance factor obtained from ProUCL for 95% confidence level; s* = test statistic for the Mann-Kendall test for a significant trend; 95UTL = the upper tolerance limit of the 95th percentile at the 95% confidence level for the dataset distribution type; NA = not applicable

*Bold text indicates chosen UCL

Table 4: Summary of Proposed Alert Levels and Aquifer Quality Limits

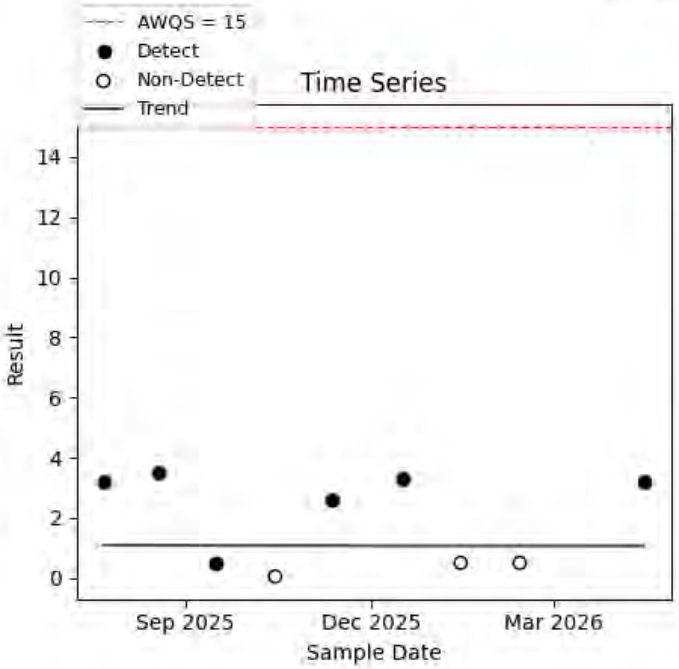
Constituent	Units	AWQS	POC-01		POC-02		POC-03		POC-04		POC-05		POC-06		POC-07		POC-08		POC-09		POC-10	
			AL	AQL	AL	AQL	AL	AQL	AL	AQL	AL	AQL	AL	AQL	AL	AQL	AL	AQL	AL	AQL	AL	AQL
Adjusted Gross Alpha	pCi/L	15	12	15	12	15	12	15	12	15	12	15	12	15	12	15	12	15	12	15	12	15
Antimony	mg/L	0.006	0.0048	0.006	0.0048	0.006	0.0048	0.006	0.0048	0.006	0.0048	0.006	**NA**	**0.0056**	0.0048	0.006	0.0048	0.006	0.0048	0.006	0.0048	0.006
Arsenic	mg/L	0.01	0.008	0.01	**NA**	**0.0084**	**NA**	**0.0094**	0.008	0.01	**RSVD**	**RSVD**	0.008	0.01	**NA**	**0.0252**	0.008	0.01	0.008	0.01	0.008	0.01
Barium	mg/L	2	1.6	2	1.6	2	1.6	2	1.6	2	1.6	2	1.6	2	1.6	2	1.6	2	1.6	2	1.6	2
Benzene	ug/L	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
Beryllium	mg/L	0.004	0.0032	0.004	0.0032	0.004	0.0032	0.004	0.0032	0.004	**NA**	**0.0079**	0.0032	0.004	0.0032	0.004	0.0032	0.004	0.0032	0.004	0.0032	0.004
Cadmium	mg/L	0.005	0.004	0.005	0.004	0.005	0.004	0.005	0.004	0.005	0.004	0.005	0.004	0.005	0.004	0.005	0.004	0.005	0.004	0.005	0.004	0.005
Chromium	mg/L	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1
Cyanide	mg/L	0.2	0.16	0.2	0.16	0.2	0.16	0.2	0.16	0.2	0.16	0.2	0.16	0.2	0.16	0.2	0.16	0.2	0.16	0.2	0.16	0.2
Ethylbenzene	ug/L	700	560	700	560	700	560	700	560	700	560	700	560	700	560	700	560	700	560	700	560	700
Fluoride	mg/L	4	3.2	4	3.2	4	3.2	4	**RSVD**	**RSVD**	**NA**	**3.343**	**NA**	**3.3798**	3.2	4	3.2	4	3.2	4	3.2	4
Gross Alpha Activity	pCi/L	15	**NA**	**22**	**RSVD**	**RSVD**	**NA**	**14.734**	**RSVD**	**RSVD**	**NA**	**30.095**	**RSVD**	**RSVD**	12	15	12	15	12	15	12	15
Lead	mg/L	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05
Mercury	mg/L	0.002	0.0016	0.002	0.0016	0.002	0.0016	0.002	0.0016	0.002	0.0016	0.002	0.0016	0.002	0.0016	0.002	0.0016	0.002	0.0016	0.002	0.0016	0.002
Nickel	mg/L	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1	0.08	0.1
Nitrate and Nitrite Sum	mg/L	10	**NA**	**26.628**	8	10	8	10	8	10	8	10	8	10	8	10	8	10	8	10	8	10
Nitrogen, Nitrate (As N)	mg/L	10	**NA**	**27.055**	8	10	8	10	8	10	8	10	8	10	8	10	8	10	8	10	8	10
Nitrogen, Nitrite (As N)	mg/L	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1	0.8	1
Selenium	mg/L	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05	0.04	0.05
Thallium	mg/L	0.002	0.0016	0.002	0.0016	0.002	0.0016	0.002	**NA**	**0.0017**	0.0016	0.002	0.0016	0.002	0.0016	0.002	0.0016	0.002	0.0016	0.002	0.0016	0.002
Toluene	ug/L	1000	800	1000	800	1000	800	1000	800	1000	800	1000	800	1000	800	1000	800	1000	800	1000	800	1000
Total Radium	pCi/L	5	4	5	**RSVD**	**RSVD**	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
Uranium	mg/L	0.03	**NA**	**0.0333**	**NA**	**0.0288**	0.024	0.03	**NA**	**0.0344**	**RSVD**	**RSVD**	**RSVD**	**RSVD**	0.024	0.03	0.024	0.03	0.024	0.03	0.024	0.03
Xylenes, Total	ug/L	10000	8000	10000	8000	10000	8000	10000	8000	10000	8000	10000	8000	10000	8000	10000	8000	10000	8000	10000	8000	10000

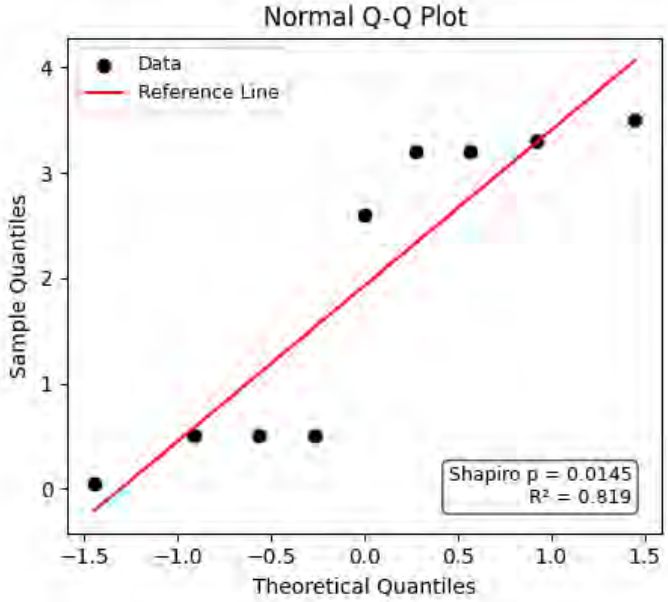
RSVD = reserved; NA = not applicable; AL = alert level; AQL = aquifer quality limit; mg/L = milligrams per liter; ug/L = micrograms per liter; pCi/L = picograms per liter.

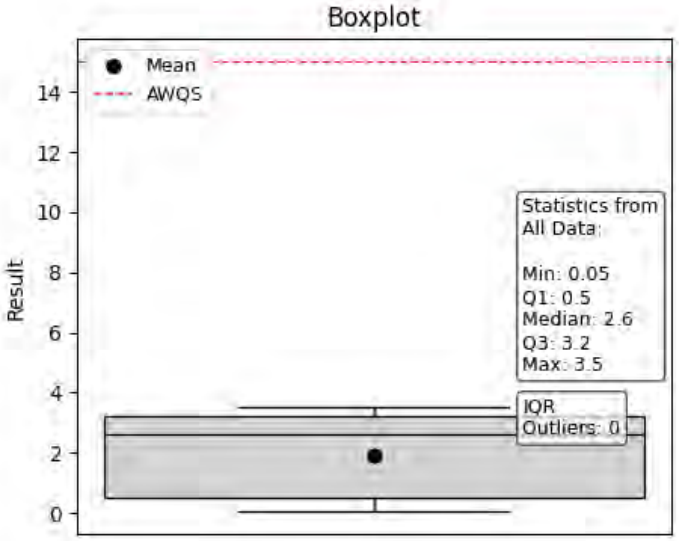
*Bold text indicates calculated UCL

ATTACHMENT 4
Figures

POC-01 - Adjusted Gross Alpha







Well ID: POC-01
Constituent: Adjusted Gross Alpha
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 1.93
Median = 2.6
Min = 0.05
Max = 3.5
StdDev = 1.49
95%ile = 3.42

% Non Detects = 33.3%

Distribution = Normal
UTL (norm) = 6.43
UTL (log) = 89
UTL (np) = 3.5

Trend = no trend
MK p = 0.374
MK s = -4

Rosner
Outliers = 0
CV% = 77.13

AWQS = 15 pCi/L

Figure: 1.1

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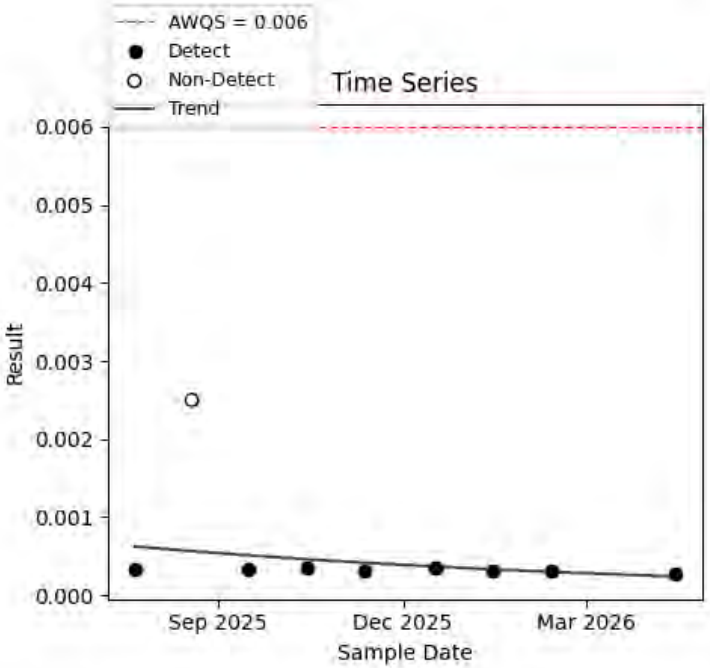
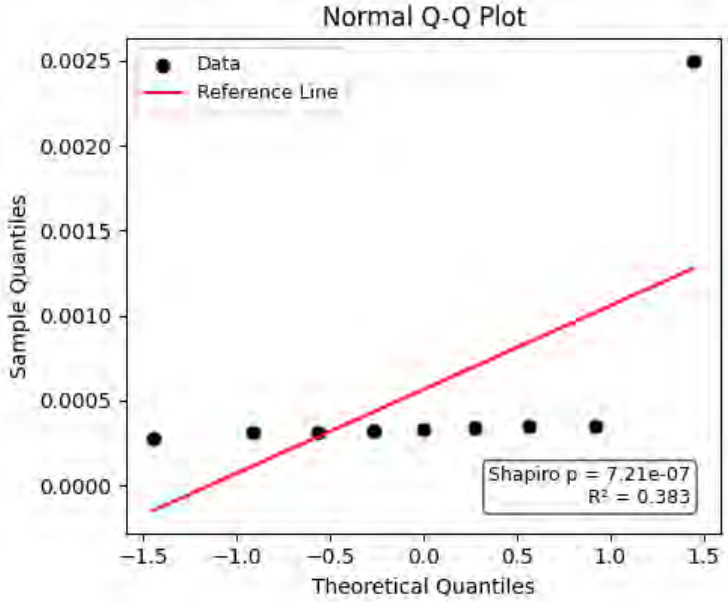
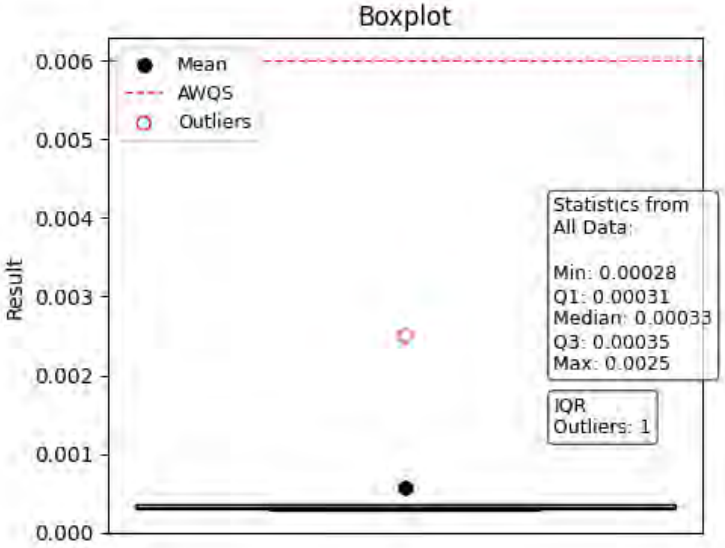
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Antimony







Well ID: POC-01
Constituent: Antimony
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000566
Median = 0.00033
Min = 0.00028
Max = 0.0025
StdDev = 0.000726
95%ile = 0.00164

% Non Detects = 11.1%

Distribution = Nonparametric
UTL (norm) = 0.00277
UTL (log) = 0.00324
UTL (np) = 0.0025

Trend = decreasing
MK p = 0.0366
MK s = -18

Rosner
Outliers = 1
CV% = 128.33

AWQS = 0.006 mg/L

Figure: 1.2

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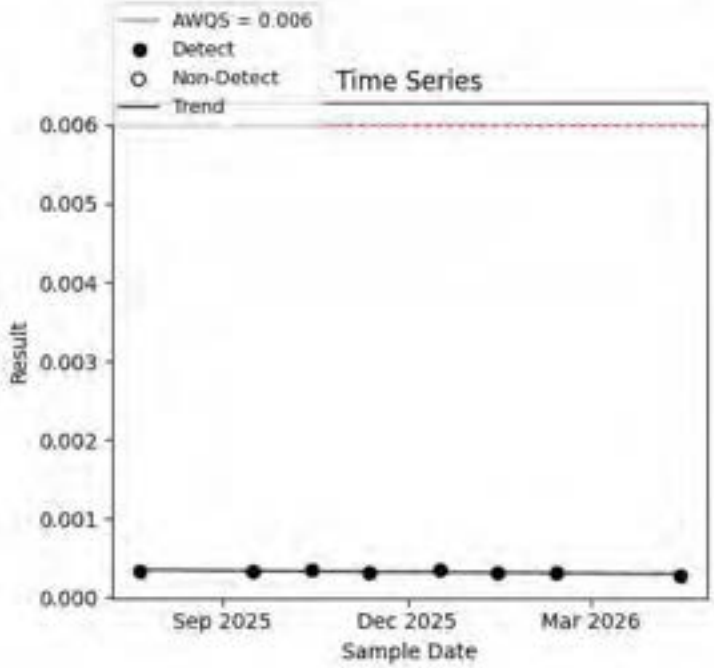
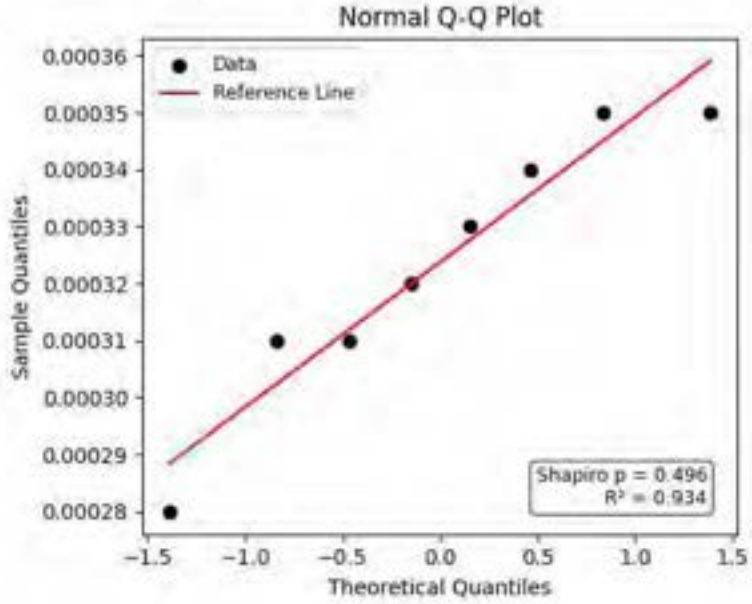
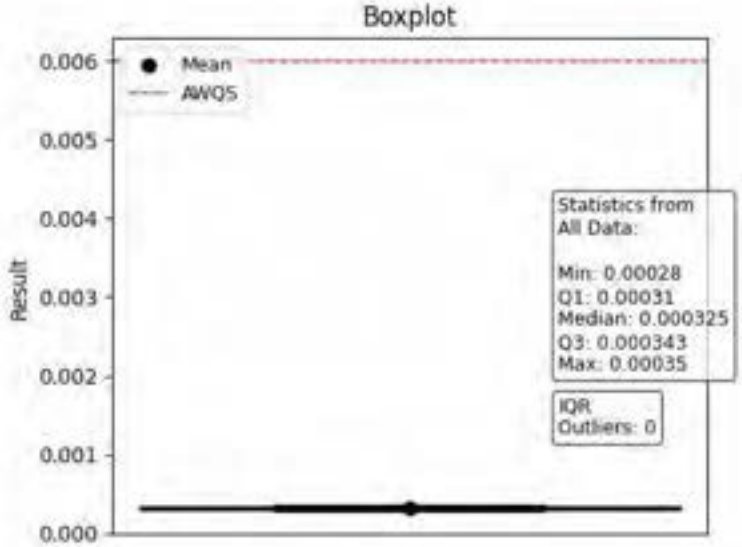
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Antimony







Well ID: POC-01
Constituent: Antimony
Units: mg/L
N = 8

Detect Only Stats:
Mean = 0.000324
Median = 0.000325
Min = 0.00028
Max = 0.00035
StdDev = 2.39e-05
95%ile = 0.00035

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0004
UTL (log) = 0.000411
UTL (np) = 0.00035

Trend = no trend
MK p = 0.0835
MK s = -12

Rosner
Outliers = 0
CV% = 7.37

AWQS = 0.006 mg/L

Figure: 1.2B

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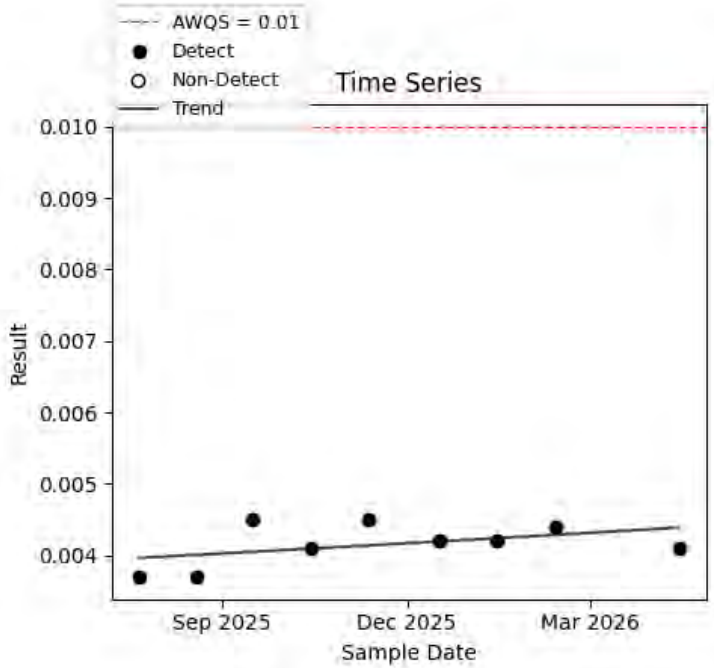
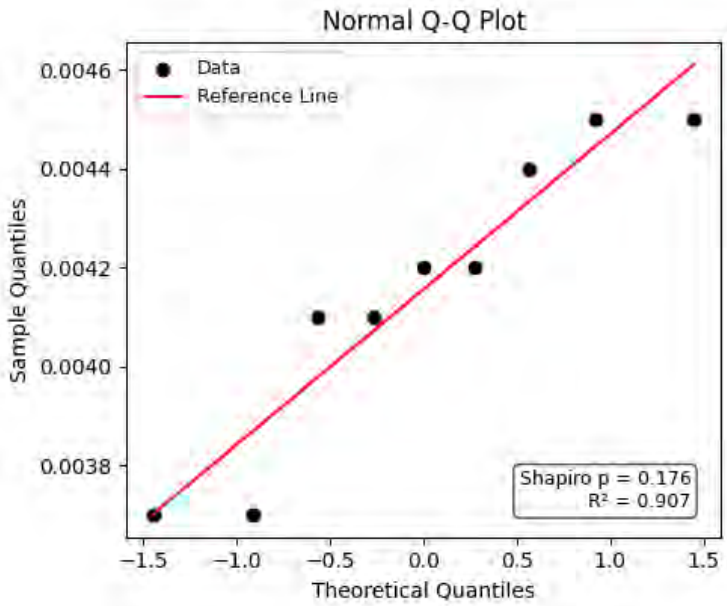
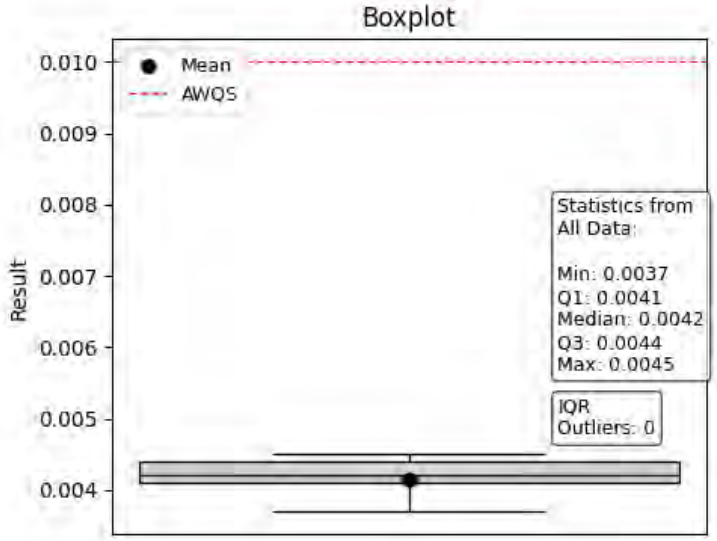
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Arsenic







Well ID: POC-01
Constituent: Arsenic
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00416
Median = 0.0042
Min = 0.0037
Max = 0.0045
StdDev = 0.0003
95%ile = 0.0045

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00507
UTL (log) = 0.00518
UTL (np) = 0.0045

Trend = no trend
MK p = 0.228
MK s = 8

Rosner
Outliers = 0
CV% = 7.23

AWQS = 0.01 mg/L

Figure: 1.3

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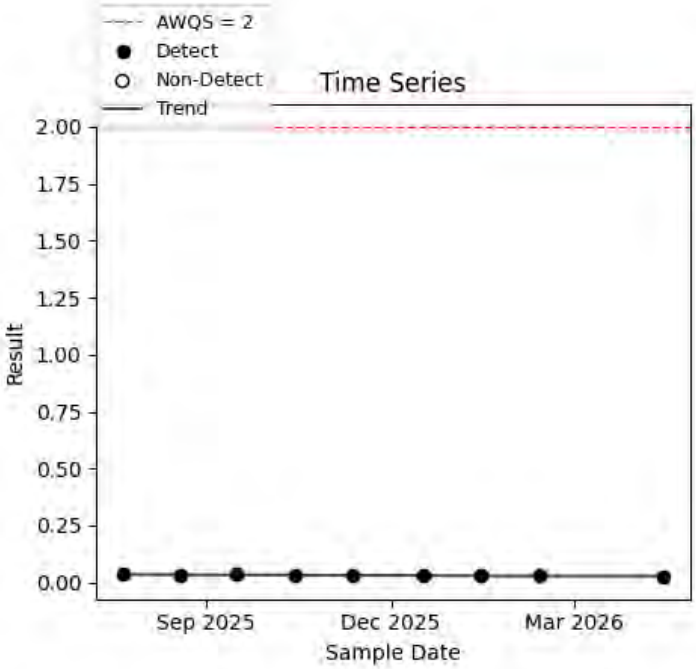
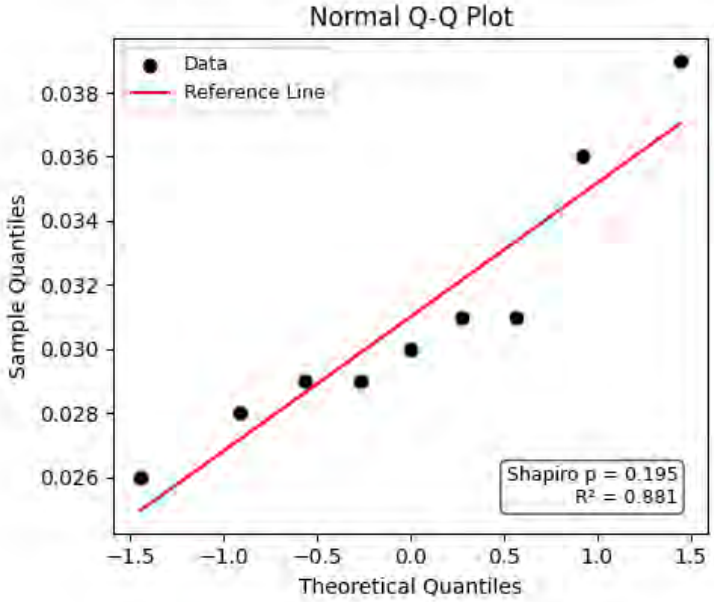
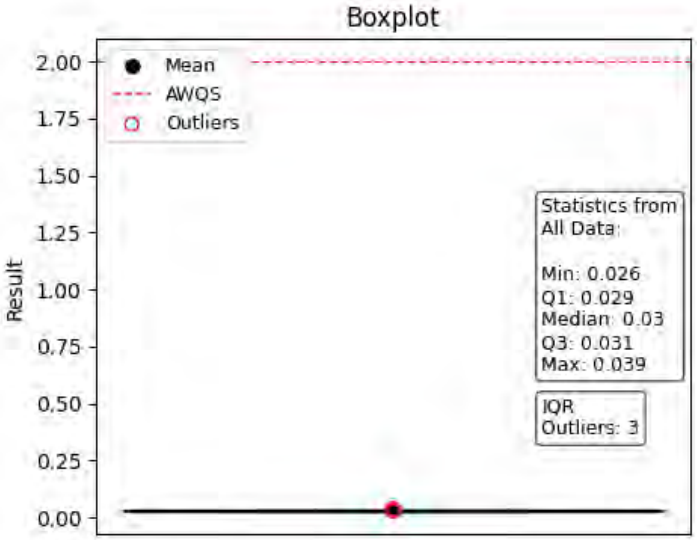
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Barium







Well ID: POC-01
Constituent: Barium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.031
Median = 0.03
Min = 0.026
Max = 0.039
StdDev = 0.00406
95%ile = 0.0378

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0433
UTL (log) = 0.045
UTL (np) = 0.039

Trend = decreasing
MK p = 0.0366
MK s = -18

Rosner
Outliers = 0
CV% = 13.10

AWQS = 2 mg/L

Figure: 1.4

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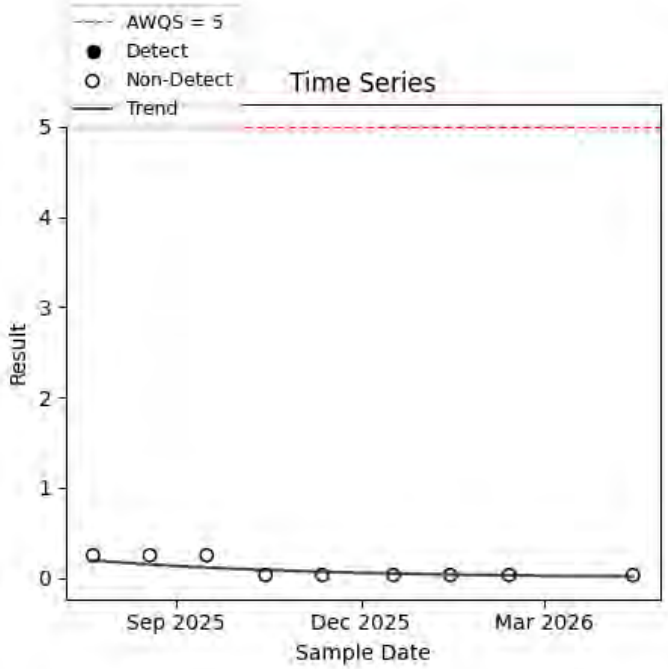
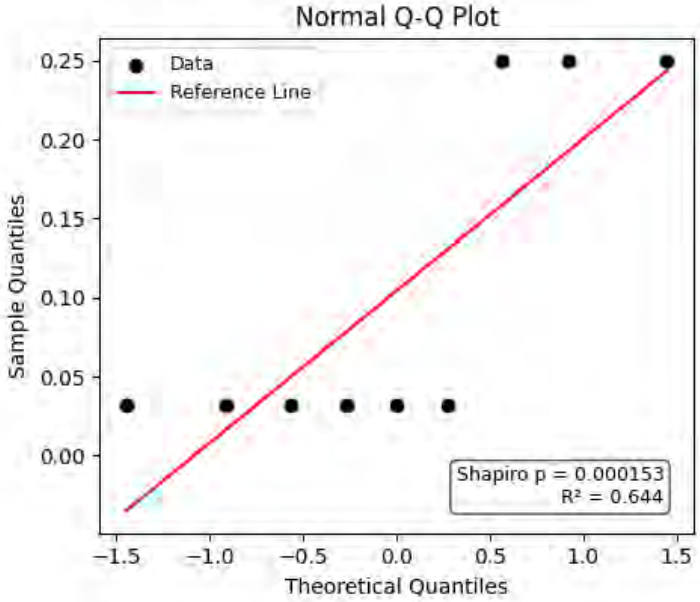
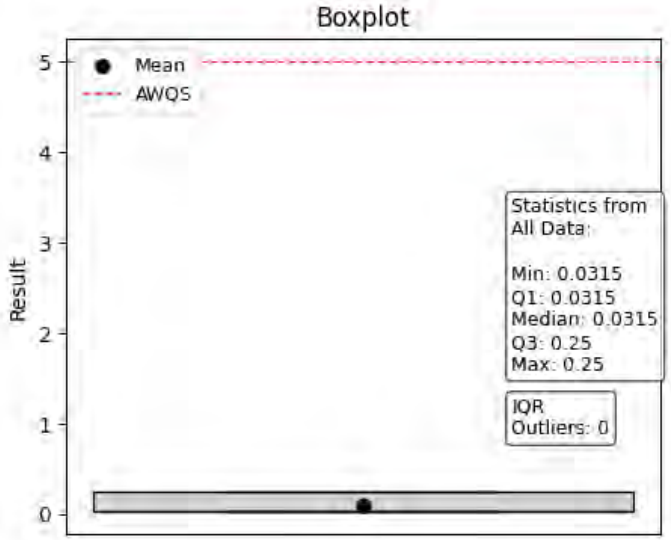
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Benzene







Well ID: POC-01
Constituent: Benzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.104
Median = 0.0315
Min = 0.0315
Max = 0.25
StdDev = 0.109
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.435
UTL (log) = 1.45
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 104.71

AWQS = 5 ug/L

Figure: 1.5

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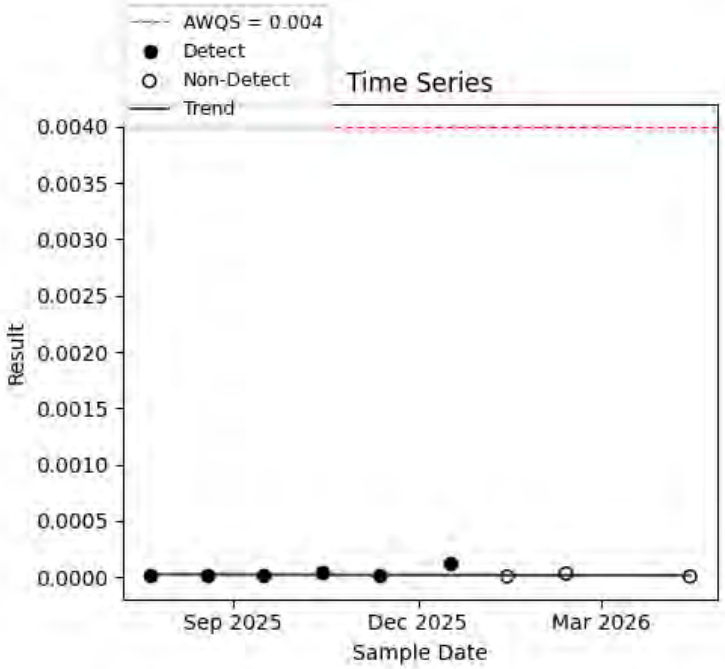
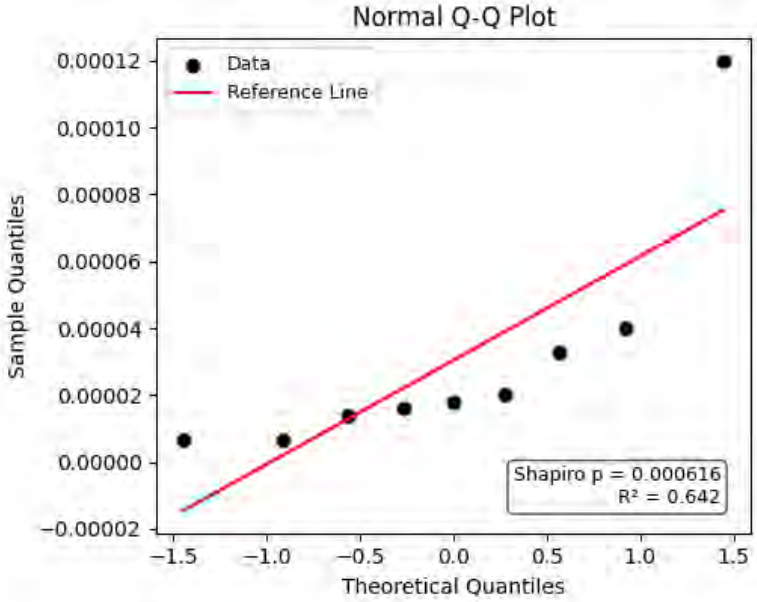
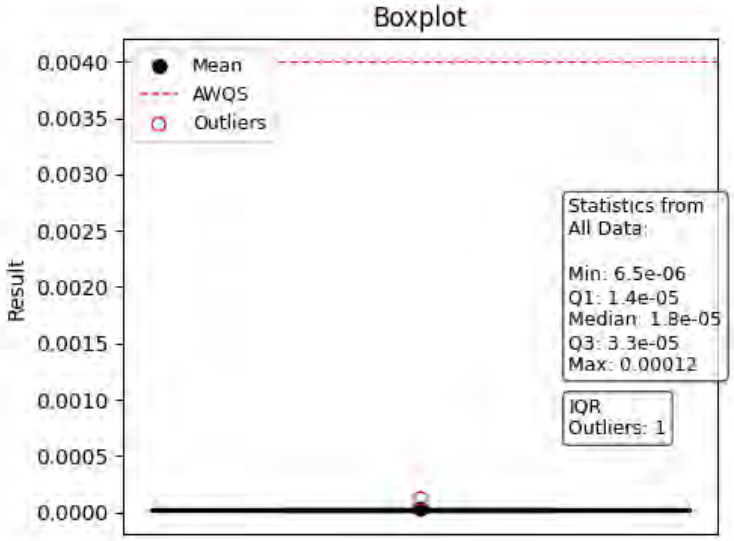
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Beryllium







Well ID: POC-01
Constituent: Beryllium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 3.04e-05
Median = 1.8e-05
Min = 6.5e-06
Max = 0.00012
StdDev = 3.54e-05
95%ile = 8.8e-05

% Non Detects = 33.3%

Distribution = Log-Normal
UTL (norm) = 0.000138
UTL (log) = 0.000319
UTL (np) = 0.00012

Trend = no trend
MK p = 0.337
MK s = -5

Rosner
Outliers = 1
CV% = 116.18

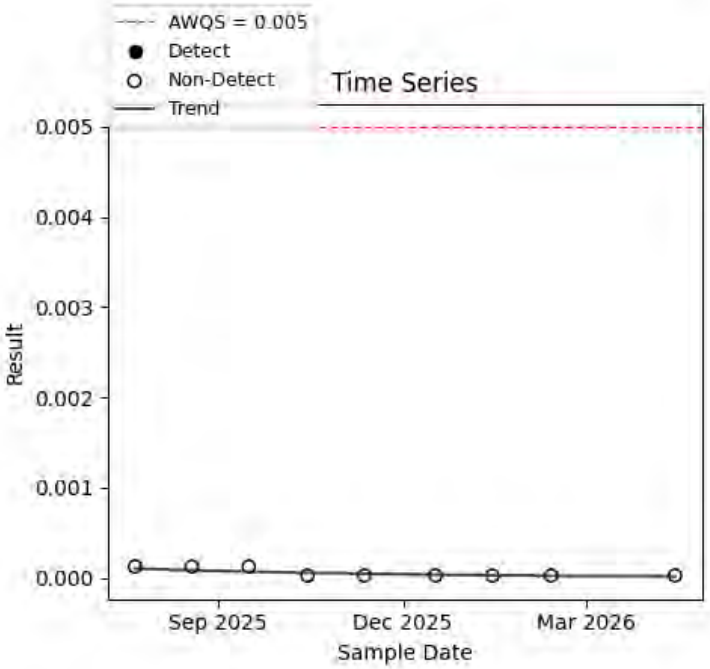
AWQS = 0.004 mg/L

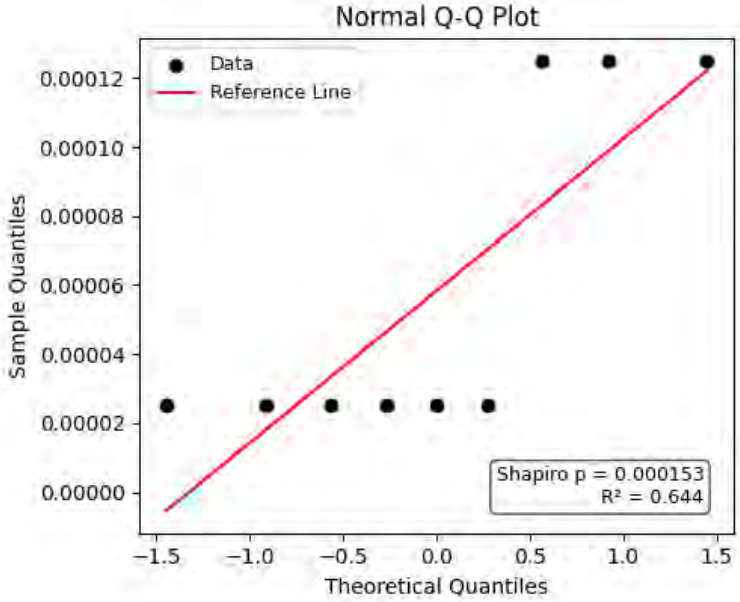
Figure: 1.6

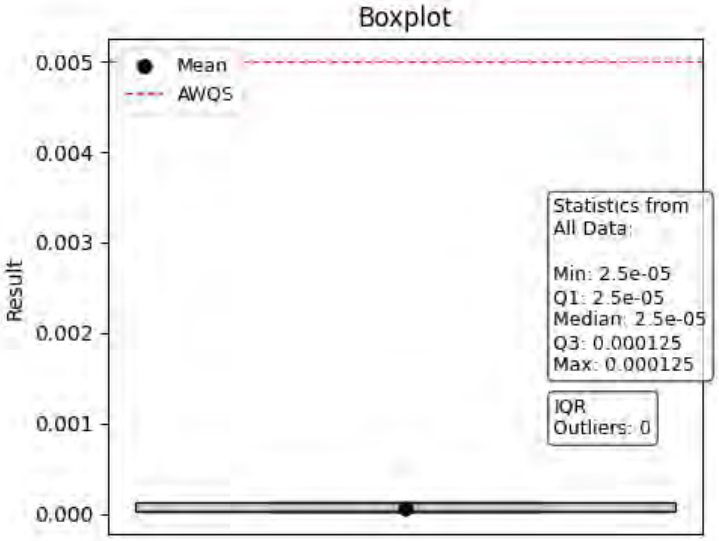
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Cadmium







Well ID: POC-01
Constituent: Cadmium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 5.83e-05
Median = 2.5e-05
Min = 2.5e-05
Max = 0.000125
StdDev = 5e-05
95%ile = 0.000125

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.00021
UTL (log) = 0.00049
UTL (np) = 0.000125

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 85.71

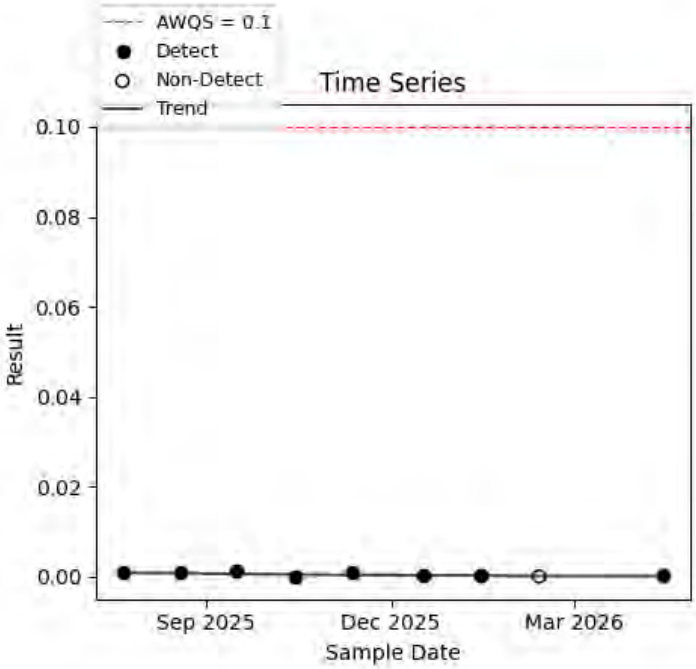
AWQS = 0.005 mg/L

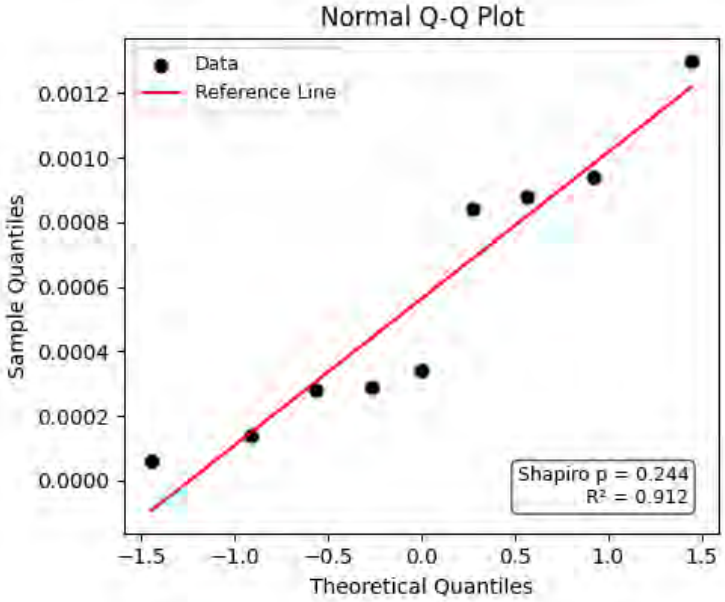
Figure: 1.7

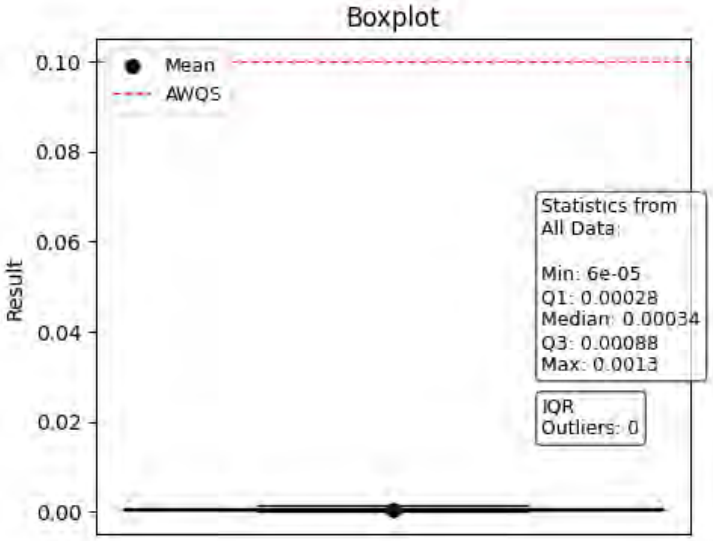
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Chromium







Well ID: POC-01
Constituent: Chromium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000563
Median = 0.00034
Min = 6e-05
Max = 0.0013
StdDev = 0.000433
95%ile = 0.00116

% Non Detects = 11.1%

Distribution = Normal
UTL (norm) = 0.00188
UTL (log) = 0.00846
UTL (np) = 0.0013

Trend = decreasing
MK p = 0.0238
MK s = -20

Rosner
Outliers = 0
CV% = 76.84

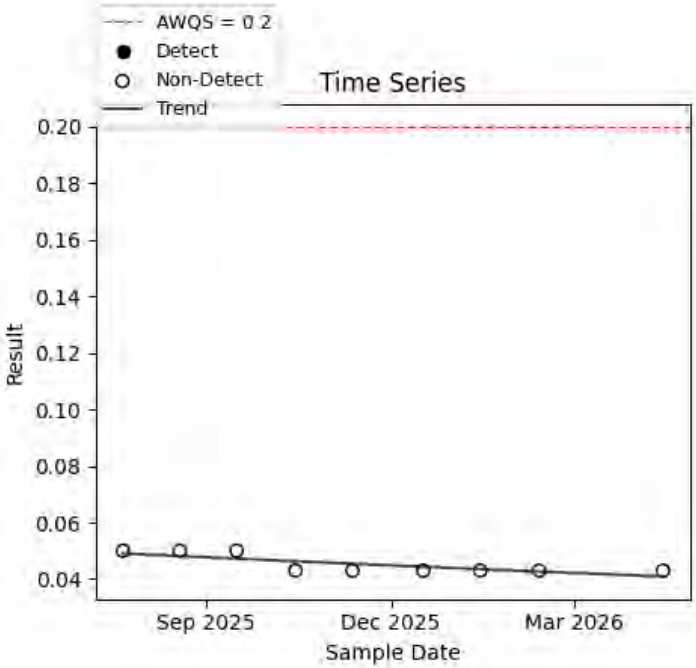
AWQS = 0.1 mg/L

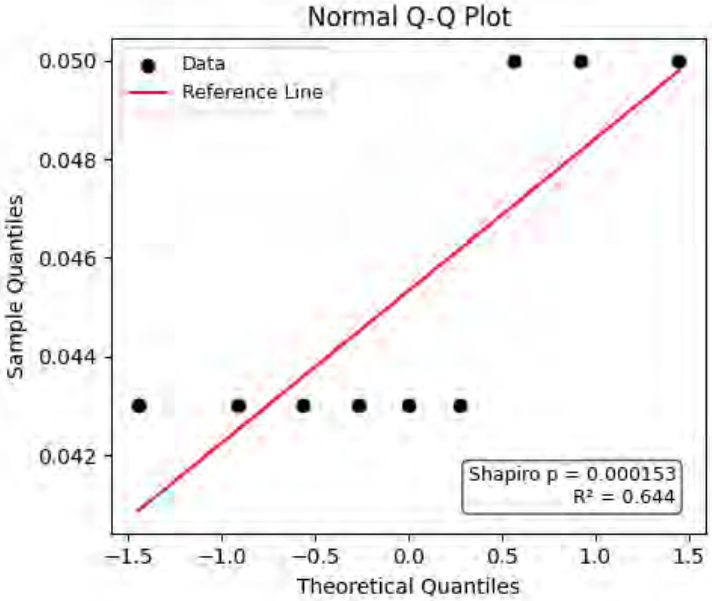
Figure: 1.8

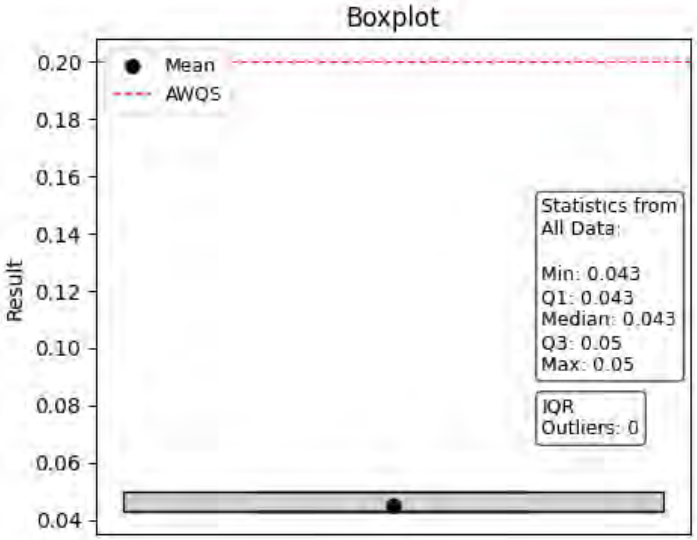
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Cyanide







Well ID: POC-01
Constituent: Cyanide
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0453
Median = 0.043
Min = 0.043
Max = 0.05
StdDev = 0.0035
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0559
UTL (log) = 0.0568
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 7.72

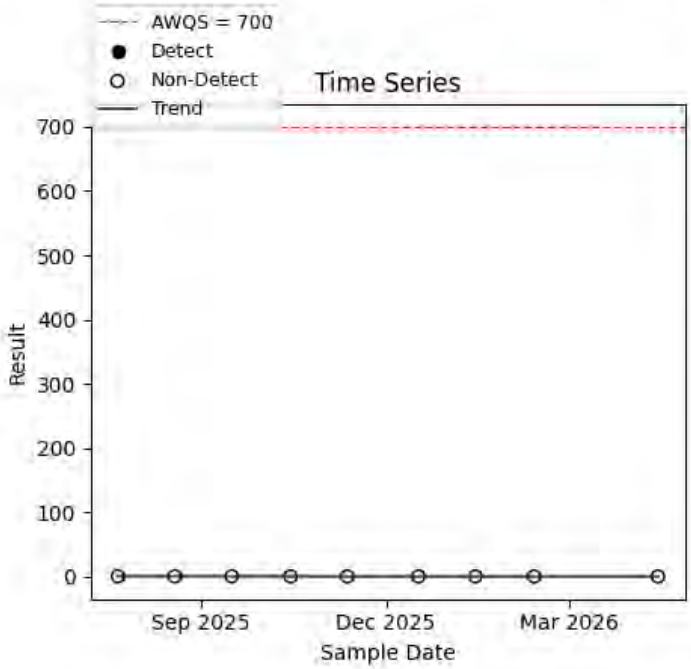
AWQS = 0.2 mg/L

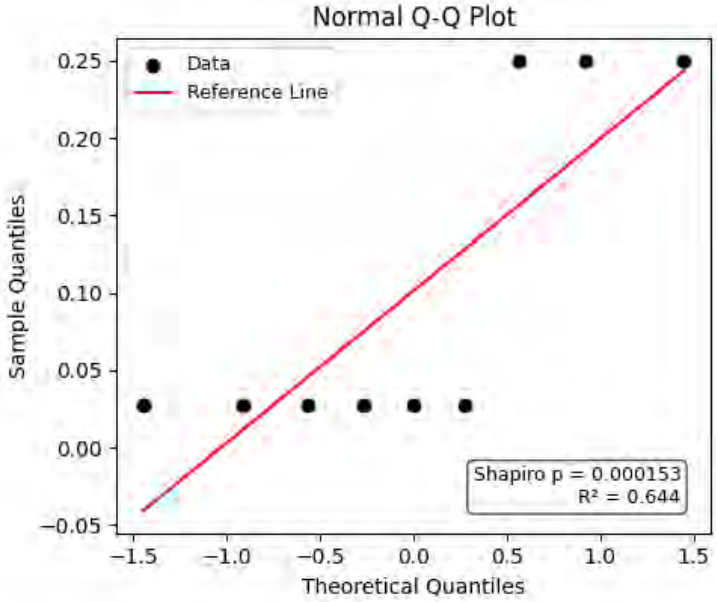
Figure: 1.9

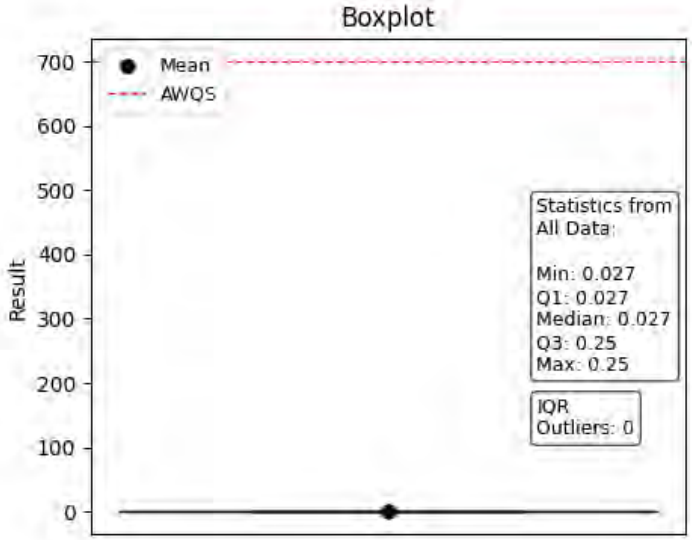
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Ethylbenzene







Well ID: POC-01
Constituent: Ethylbenzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.101
Median = 0.027
Min = 0.027
Max = 0.25
StdDev = 0.112
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.439
UTL (log) = 1.65
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 110.03

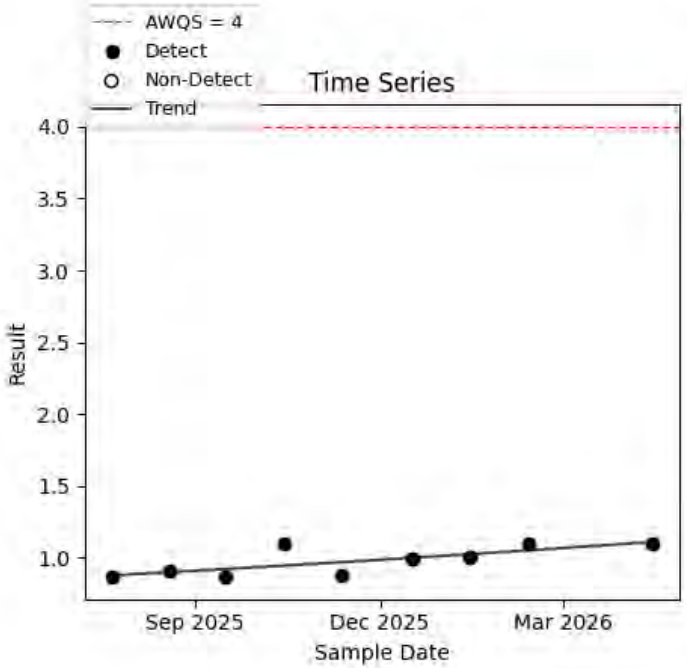
AWQS = 700 ug/L

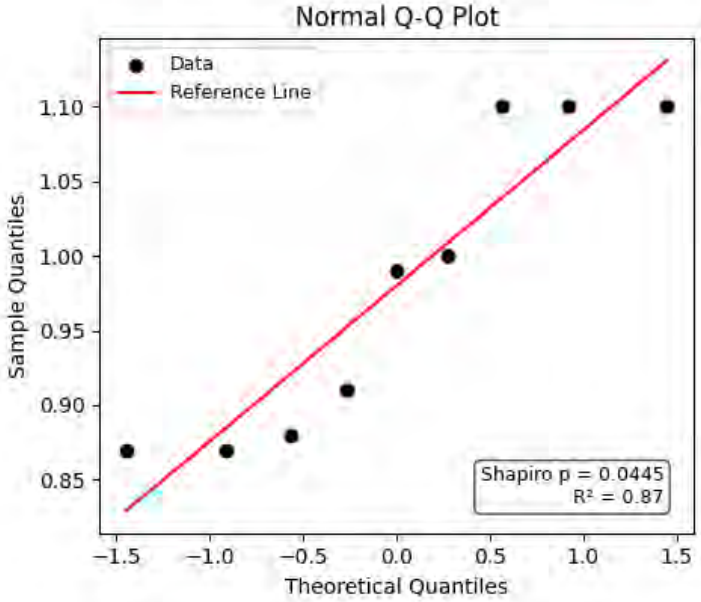
Figure: 1.10

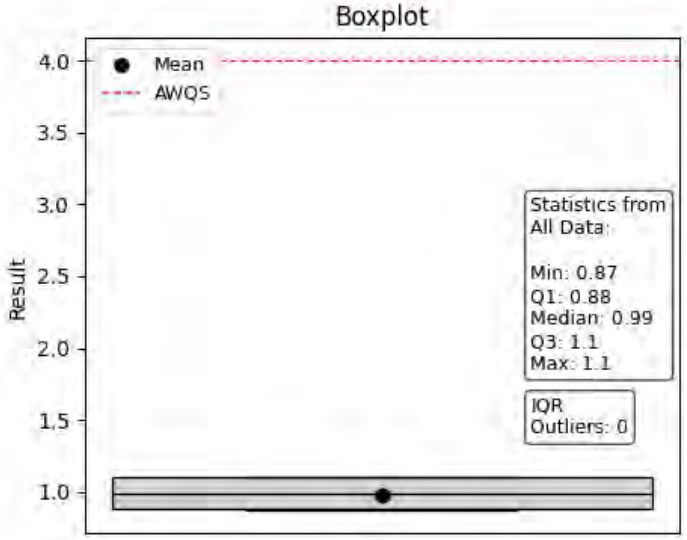
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Fluoride







Well ID: POC-01
Constituent: Fluoride
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.98
Median = 0.99
Min = 0.87
Max = 1.1
StdDev = 0.102
95%ile = 1.1

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 1.29
UTL (log) = 1.33
UTL (np) = 1.1

Trend = increasing
MK p = 0.0123
MK s = 22

Rosner
Outliers = 0
CV% = 10.38

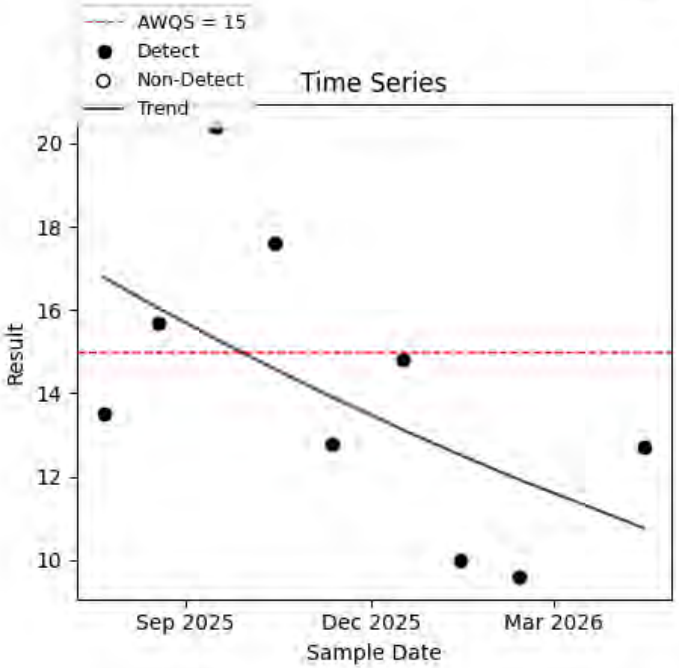
AWQS = 4 mg/L

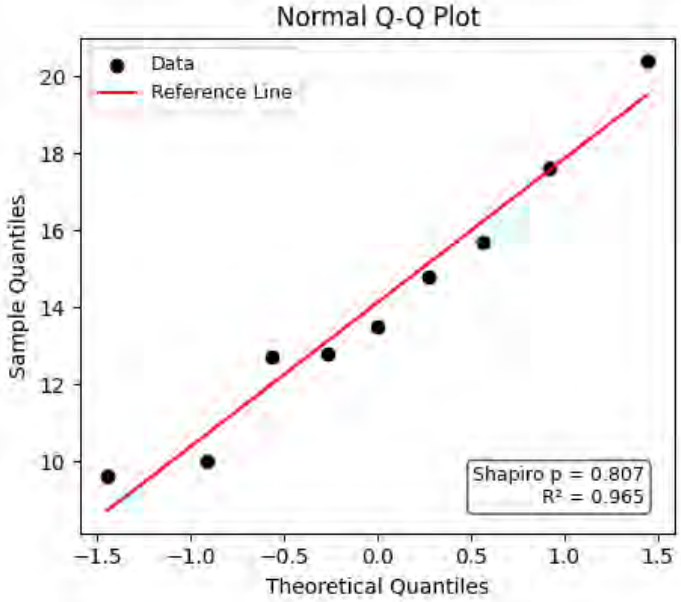
Figure: 1.11

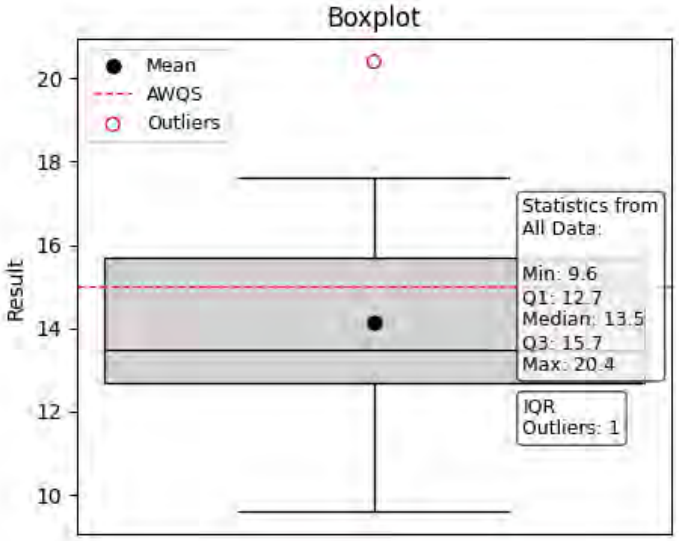
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Gross Alpha Activity







⚠ **Exceeds AWQS**

Well ID: POC-01
Constituent: Gross Alpha Activity
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 14.1
Median = 13.5
Min = 9.6
Max = 20.4
StdDev = 3.47
95%ile = 19.3

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 24.6
UTL (log) = 28.9
UTL (np) = 20.4

Trend = decreasing
MK p = 0.0382
MK s = -18

Rosner
Outliers = 0
CV% = 24.54

AWQS = 15 pCi/L

Figure: 1.12

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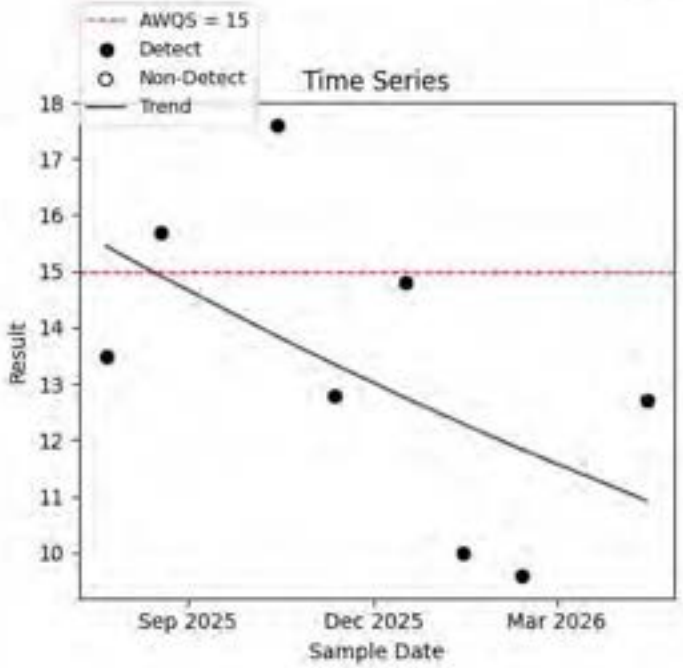
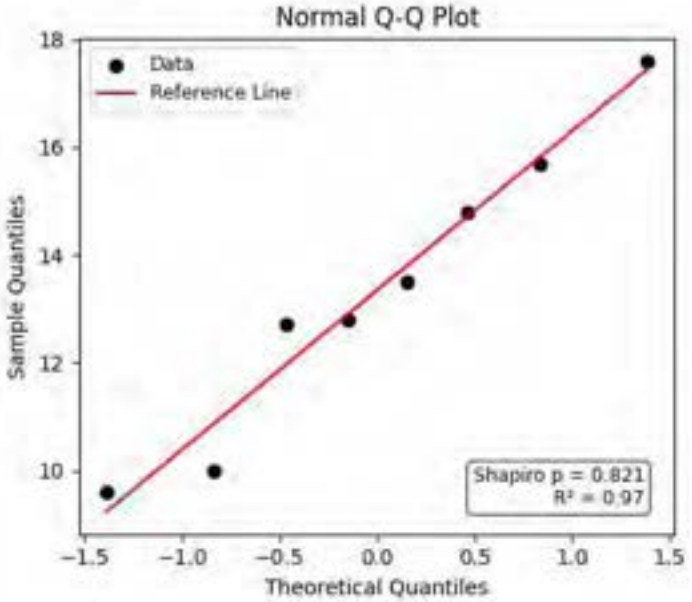
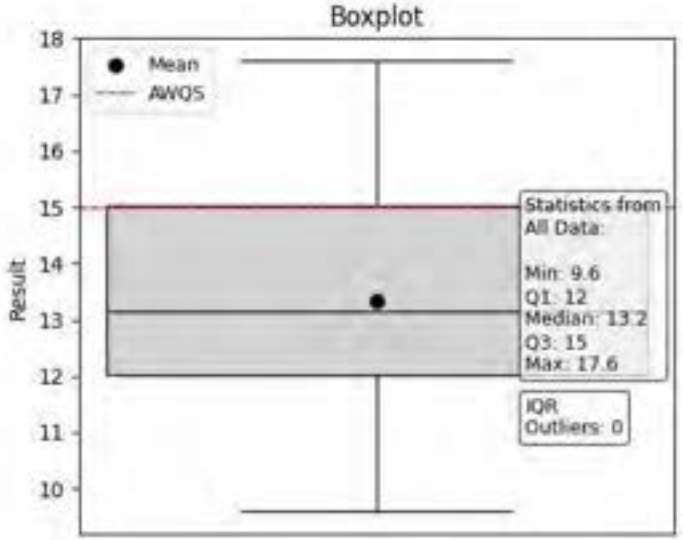
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Gross Alpha Activity







⚠ **Exceeds AWQS**

Well ID: POC-01
Constituent: Gross Alpha Activity
Units: pCi/L
N = 8

Detect Only Stats:
Mean = 13.3
Median = 13.2
Min = 9.6
Max = 17.6
StdDev = 2.72
95%ile = 16.9

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 22
UTL (log) = 25.5
UTL (np) = 17.6

Trend = no trend
MK p = 0.0539
MK s = -14

Rosner
Outliers = 0
CV% = 20.38

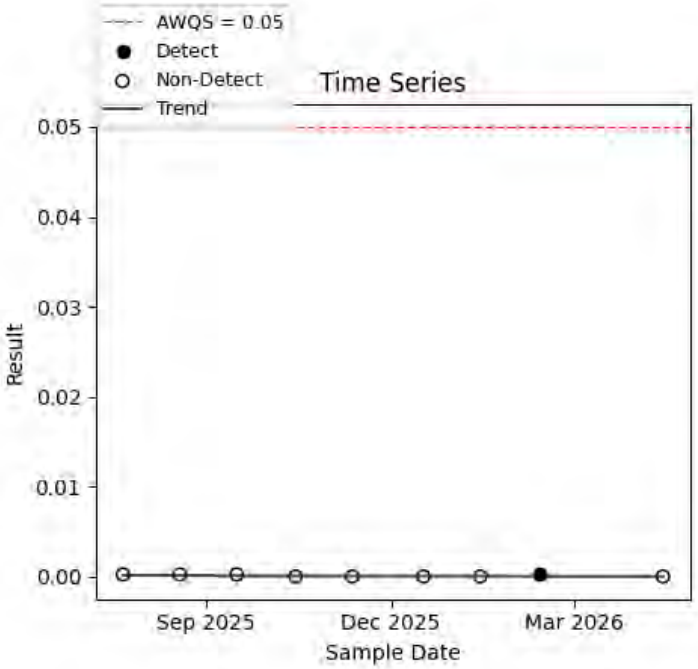
AWQS = 15 pCi/L

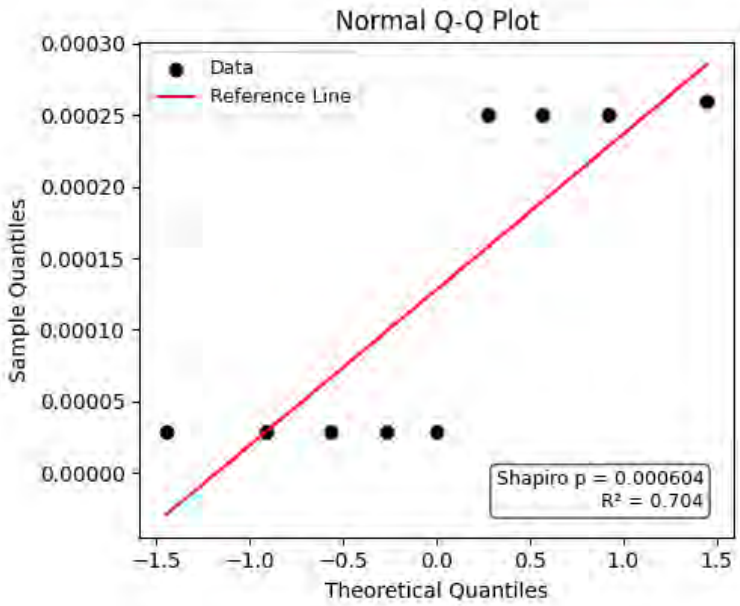
Figure: 1.12B

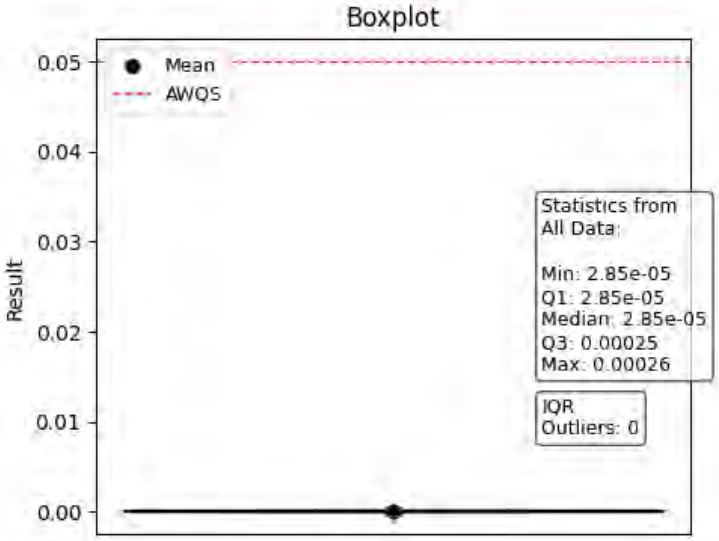
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Lead







Well ID: POC-01
Constituent: Lead
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000128
Median = 2.85e-05
Min = 2.85e-05
Max = 0.00026
StdDev = 0.000118
95%ile = 0.000256

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.000486
UTL (log) = 0.00245
UTL (np) = 0.00026

Trend = no trend
MK p = 0.172
MK s = -9

Rosner
Outliers = 0
CV% = 92.22

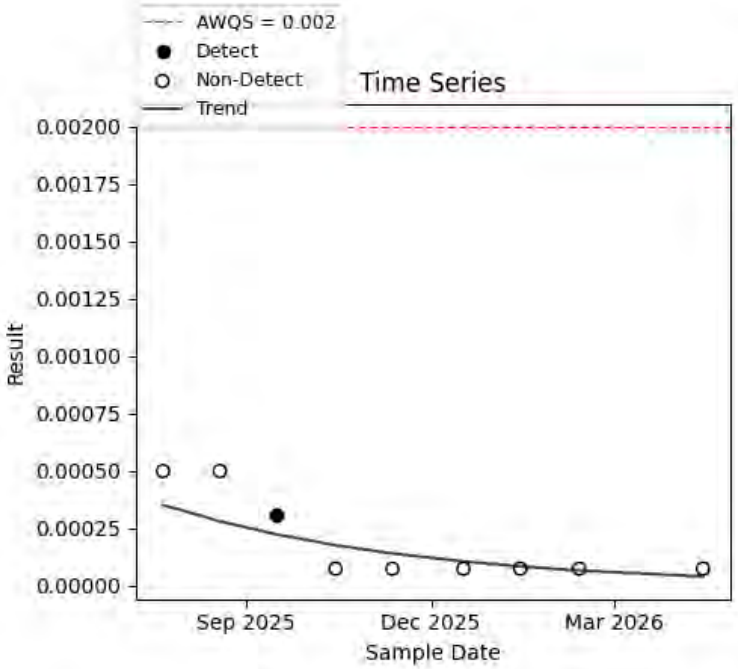
AWQS = 0.05 mg/L

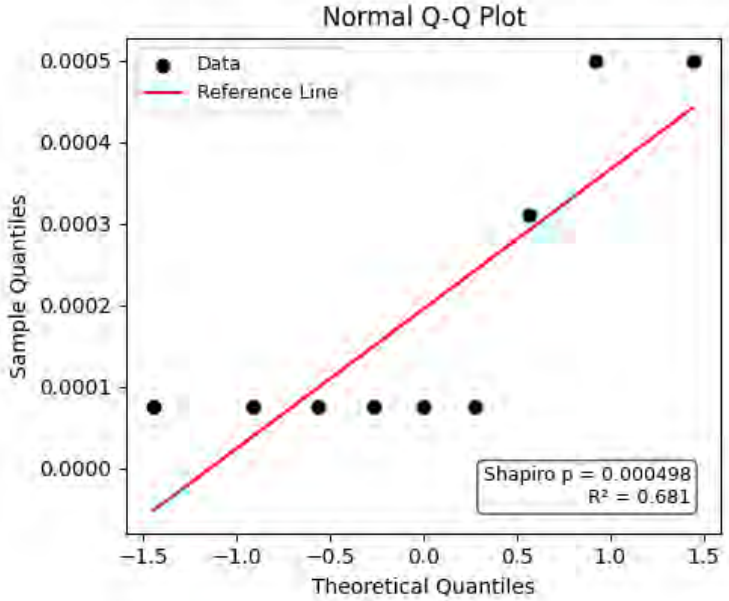
Figure: 1.13

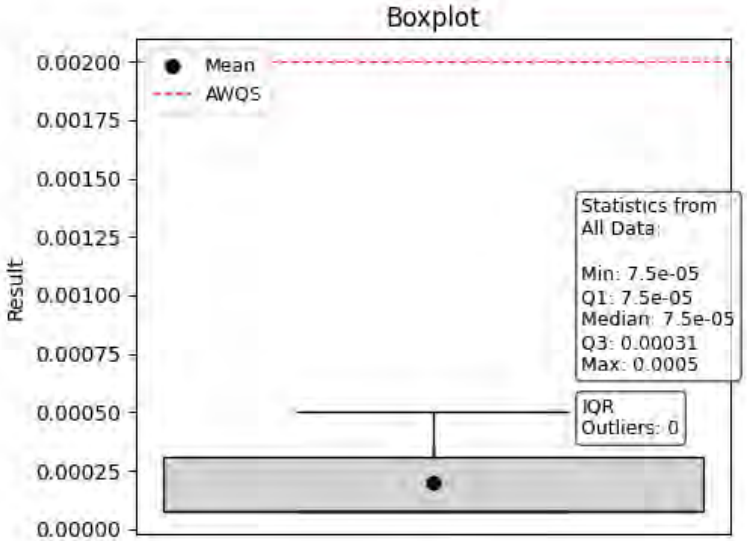
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Mercury







Well ID: POC-01
Constituent: Mercury
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000196
Median = 7.5e-05
Min = 7.5e-05
Max = 0.0005
StdDev = 0.000189
95%ile = 0.0005

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.000768
UTL (log) = 0.00193
UTL (np) = 0.0005

Trend = decreasing
MK p = 0.00819
MK s = -20

Rosner
Outliers = 0
CV% = 96.63

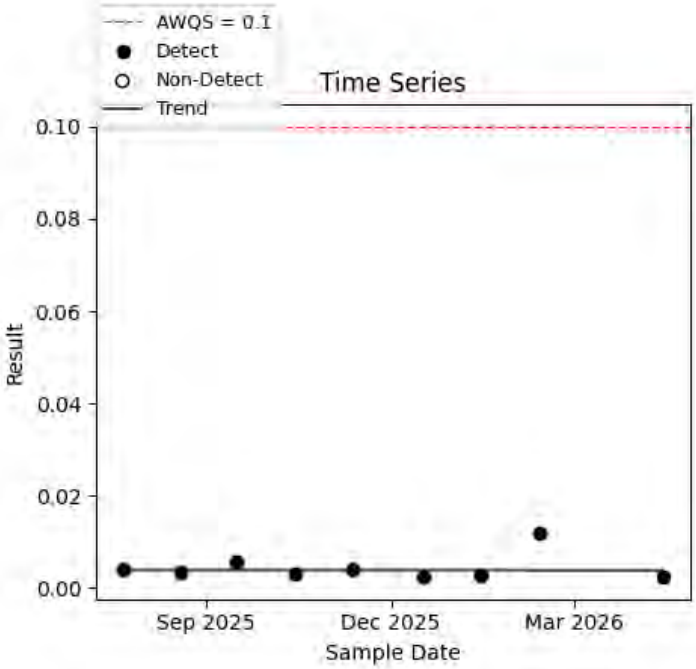
AWQS = 0.002 mg/L

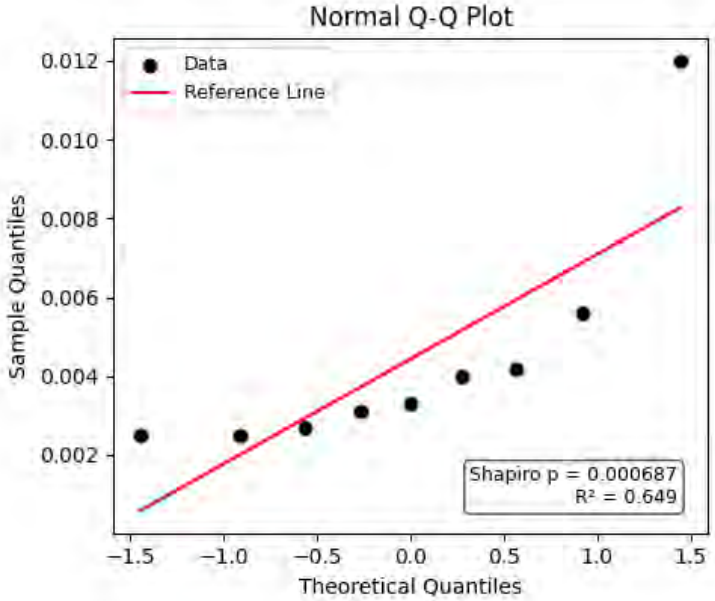
Figure: 1.14

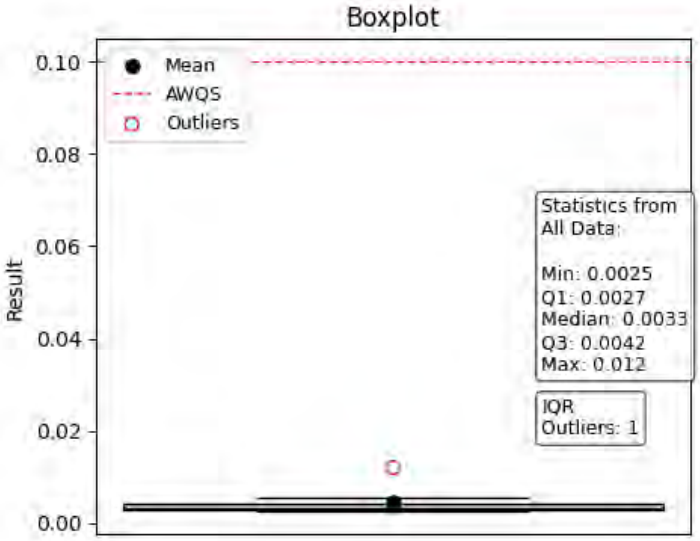
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Nickel







Well ID: POC-01
Constituent: Nickel
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00443
Median = 0.0033
Min = 0.0025
Max = 0.012
StdDev = 0.00301
95%ile = 0.00944

% Non Detects = 0.0%

Distribution = Log-Normal
UTL (norm) = 0.0136
UTL (log) = 0.0177
UTL (np) = 0.012

Trend = no trend
MK p = 0.201
MK s = -9

Rosner
Outliers = 1
CV% = 67.86

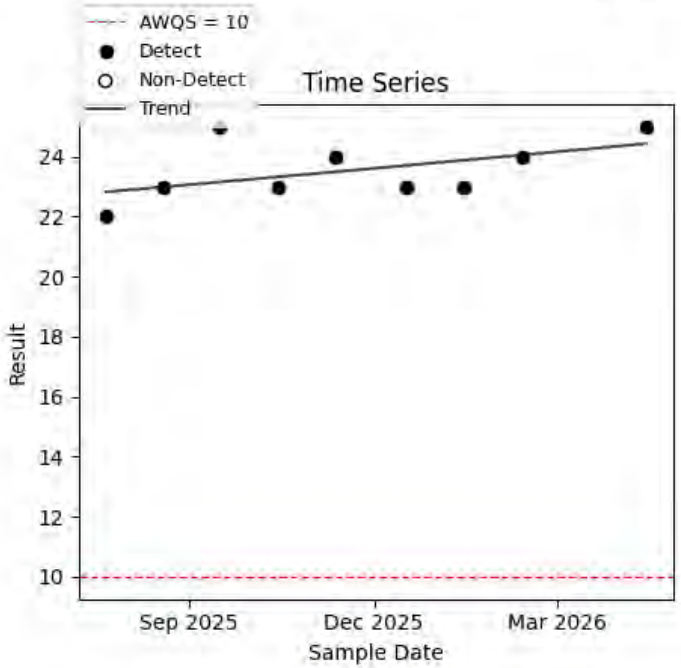
AWQS = 0.1 mg/L

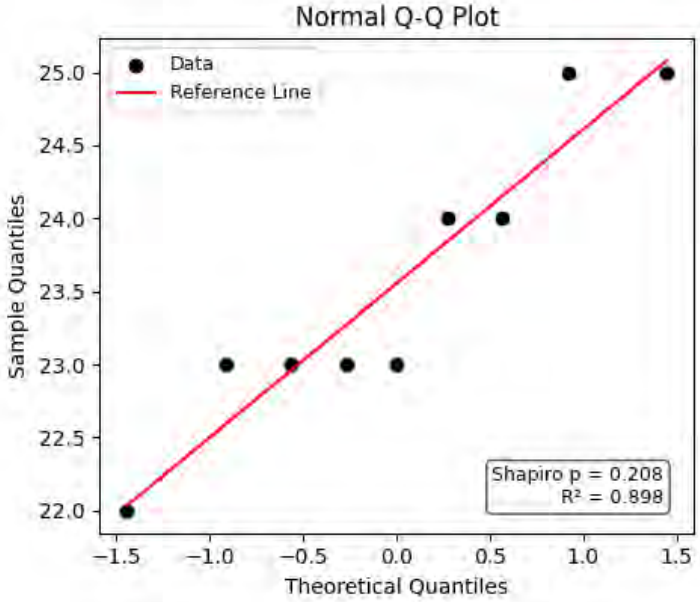
Figure: 1.15

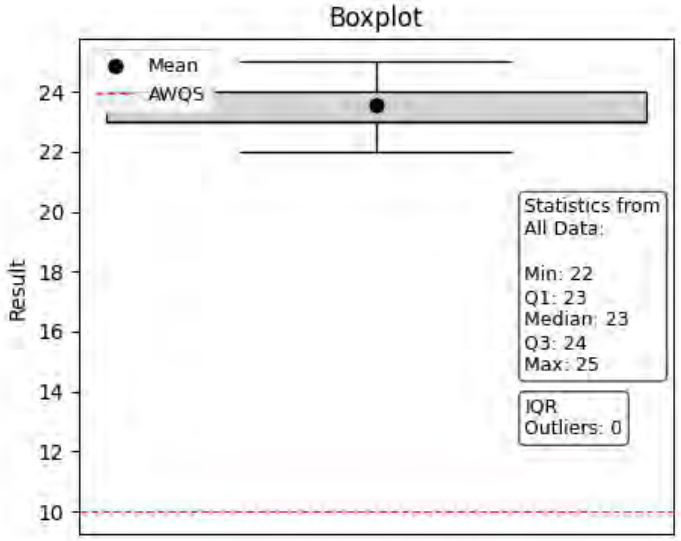
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Nitrate and Nitrite Sum







⚠ **Exceeds AWQS**

Well ID: POC-01
Constituent: Nitrate and Nitrite Sum
Units: nan
N = 9

Detect Only Stats:
Mean = 23.6
Median = 23
Min = 22
Max = 25
StdDev = 1.01
95%ile = 25

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 26.6
UTL (log) = 26.8
UTL (np) = 25

Trend = no trend
MK p = 0.0747
MK s = 14

Rosner
Outliers = 0
CV% = 4.30

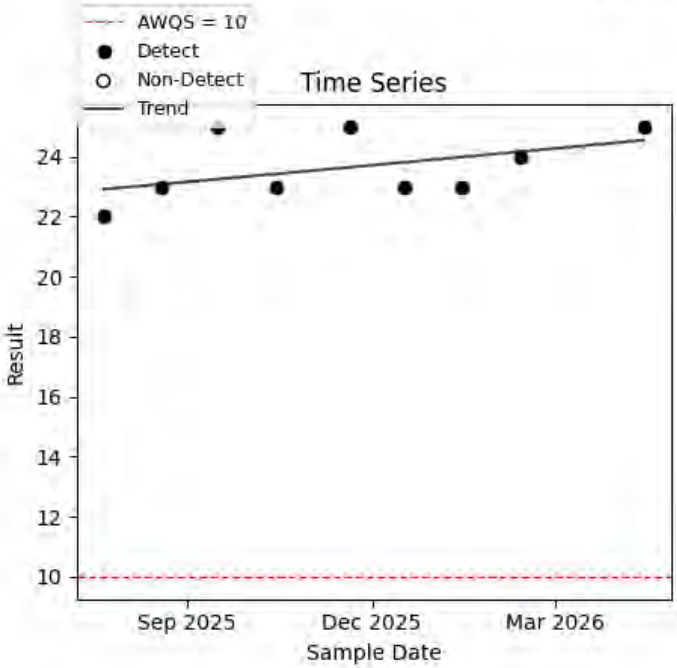
AWQS = 10 nan

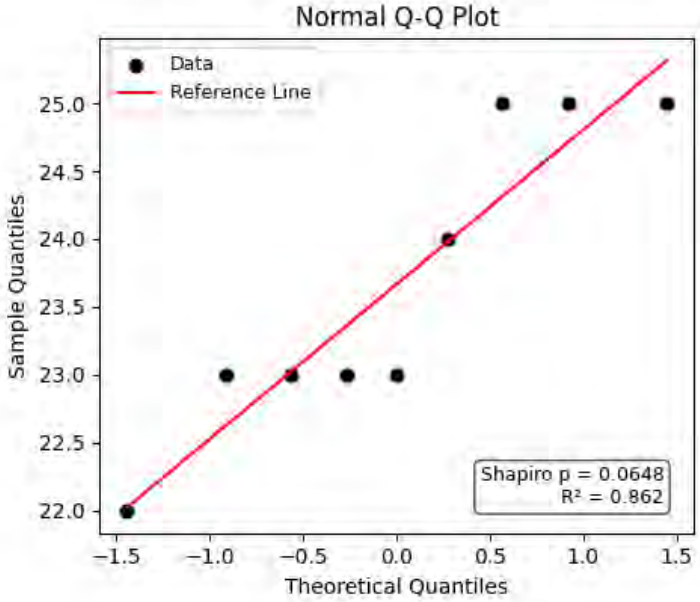
Figure: 1.16

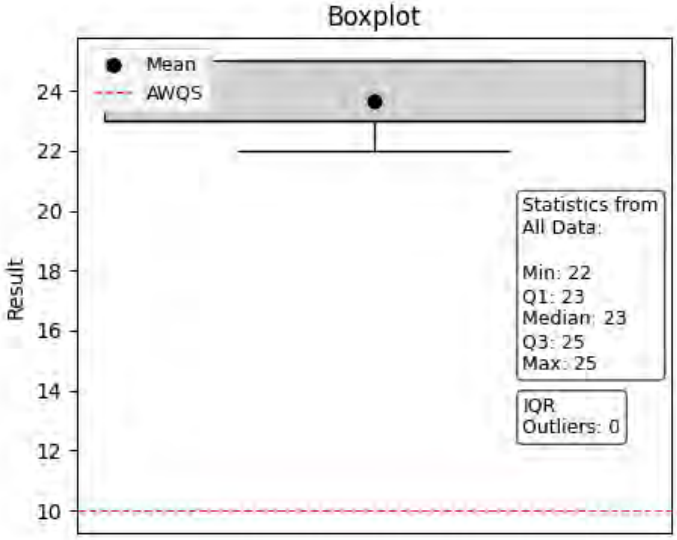
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Nitrogen, Nitrate (As N)







⚠ **Exceeds AWQS**

Well ID: POC-01
Constituent: Nitrogen, Nitrate (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 23.7
Median = 23
Min = 22
Max = 25
StdDev = 1.12
95%ile = 25

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 27.1
UTL (log) = 27.3
UTL (np) = 25

Trend = no trend
MK p = 0.0894
MK s = 13

Rosner
Outliers = 0
CV% = 4.72

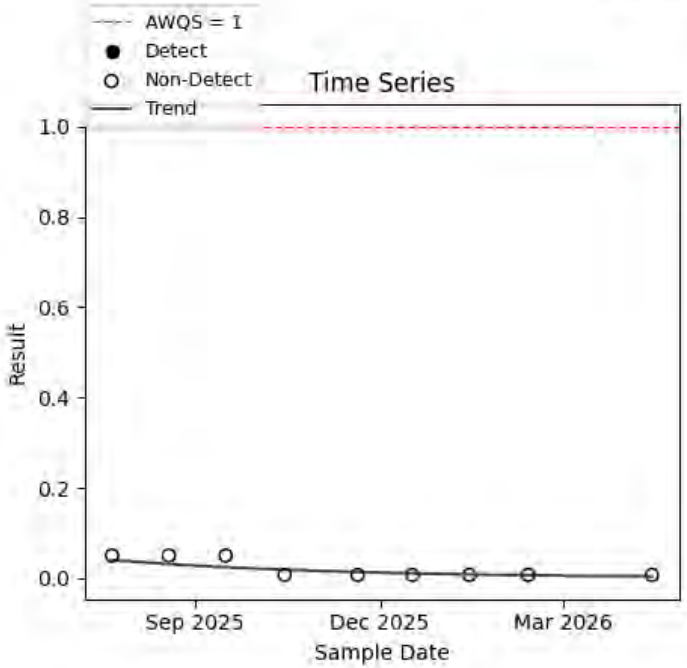
AWQS = 10 mg/L

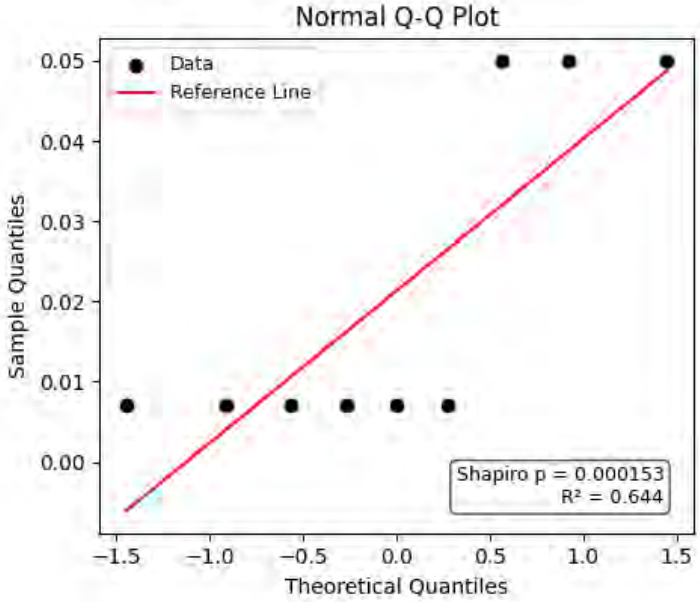
Figure: 1.17

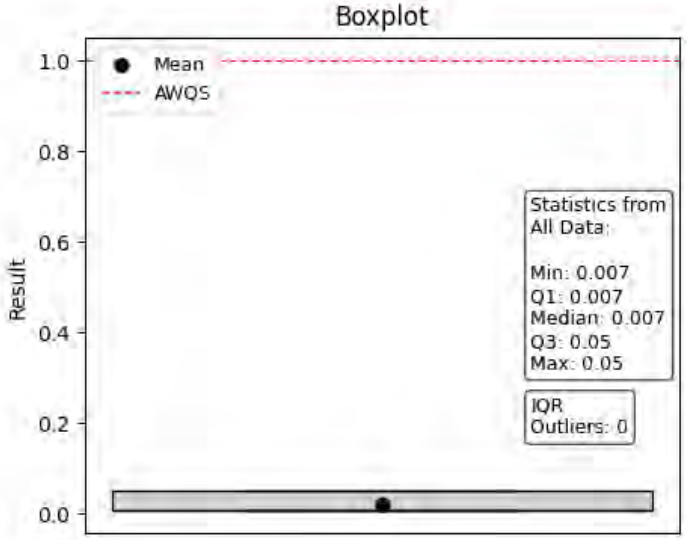
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Nitrogen, Nitrite (As N)







Well ID: POC-01
Constituent: Nitrogen, Nitrite (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0213
Median = 0.007
Min = 0.007
Max = 0.05
StdDev = 0.0215
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0865
UTL (log) = 0.265
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 100.78

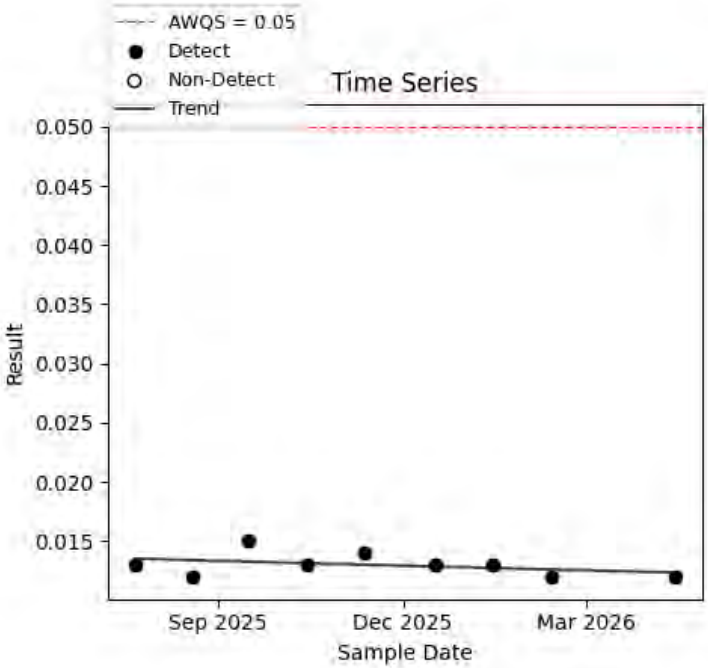
AWQS = 1 mg/L

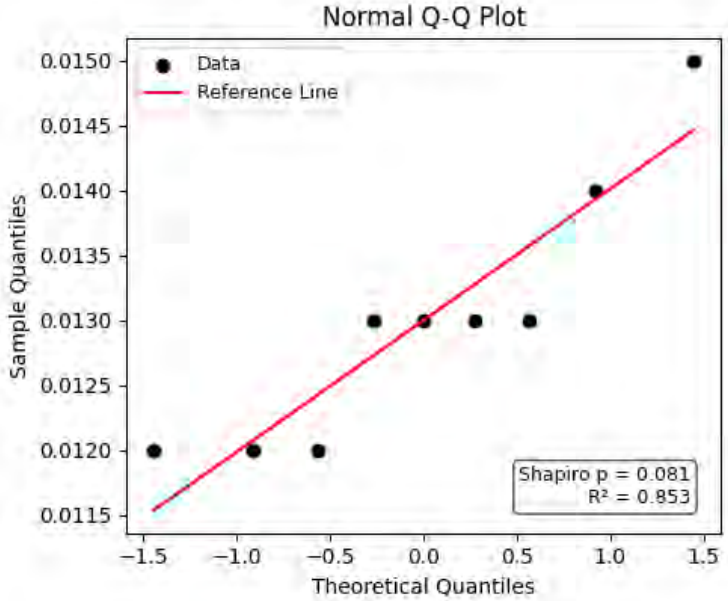
Figure: 1.18

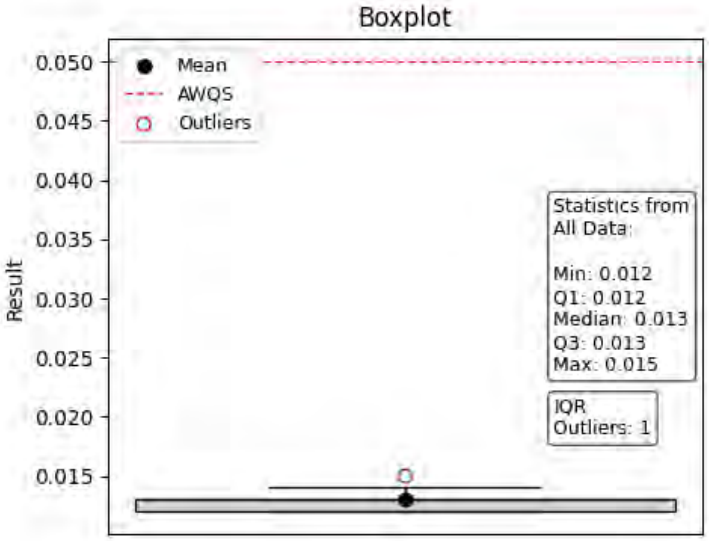
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Selenium







Well ID: POC-01
Constituent: Selenium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.013
Median = 0.013
Min = 0.012
Max = 0.015
StdDev = 0.001
95%ile = 0.0146

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.016
UTL (log) = 0.0163
UTL (np) = 0.015

Trend = no trend
MK p = 0.131
MK s = -11

Rosner
Outliers = 0
CV% = 7.69

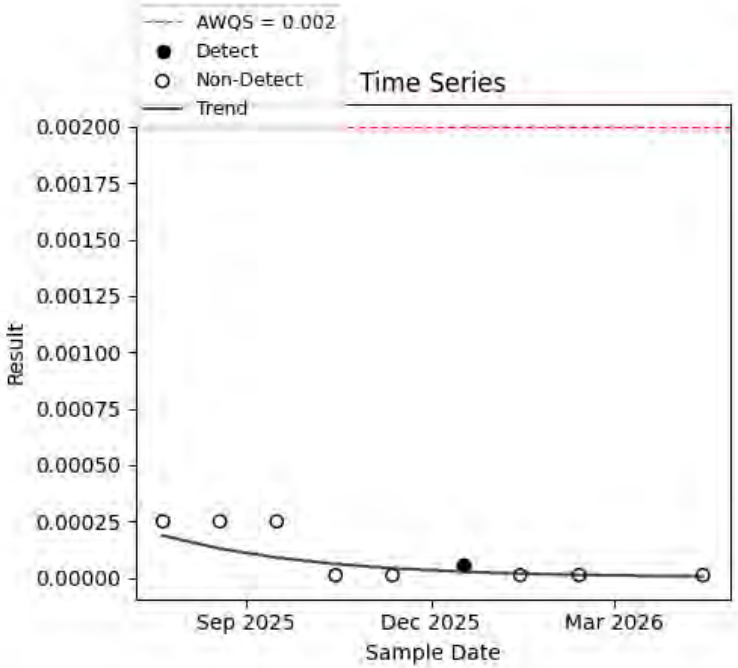
AWQS = 0.05 mg/L

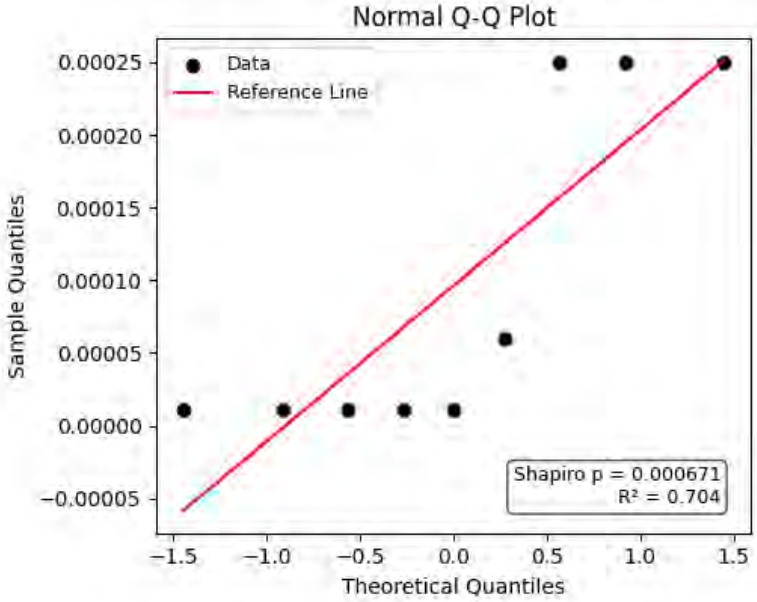
Figure: 1.19

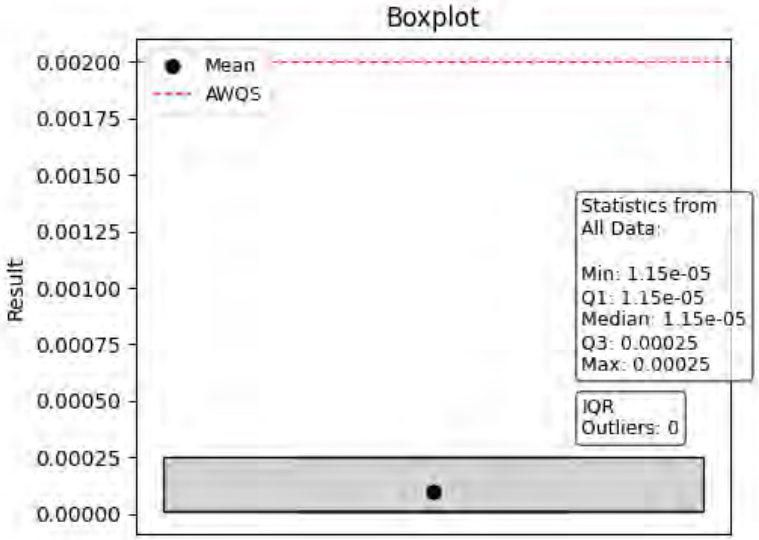
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Thallium







Well ID: POC-01
Constituent: Thallium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 9.64e-05
Median = 1.15e-05
Min = 1.15e-05
Max = 0.00025
StdDev = 0.000116
95%ile = 0.00025

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.000449
UTL (log) = 0.00363
UTL (np) = 0.00025

Trend = decreasing
MK p = 0.0167
MK s = -19

Rosner
Outliers = 0
CV% = 120.62

AWQS = 0.002 mg/L

Figure: 1.20

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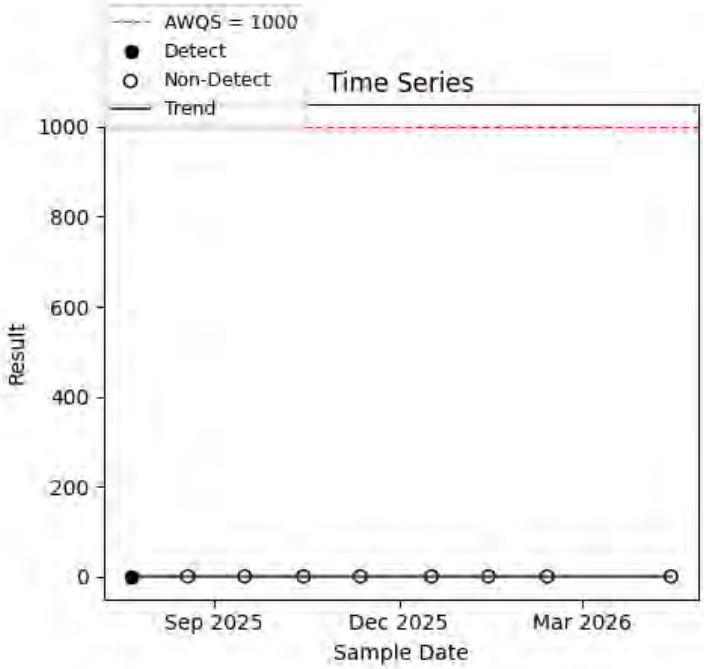
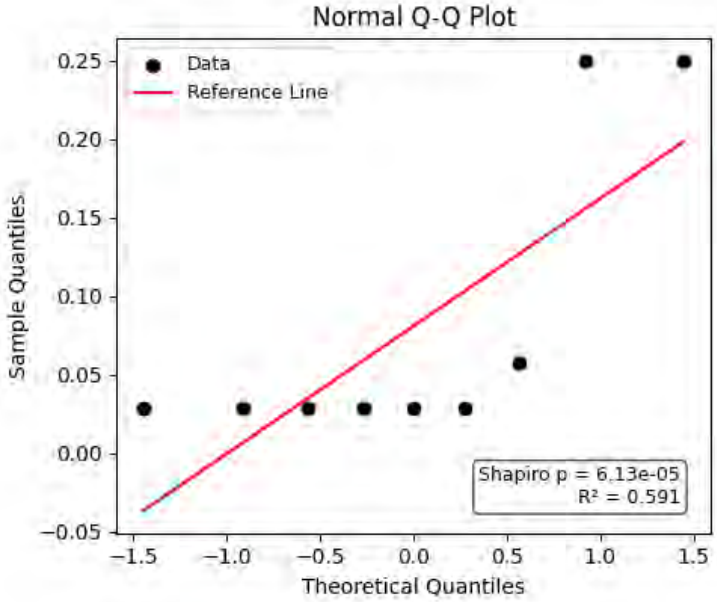
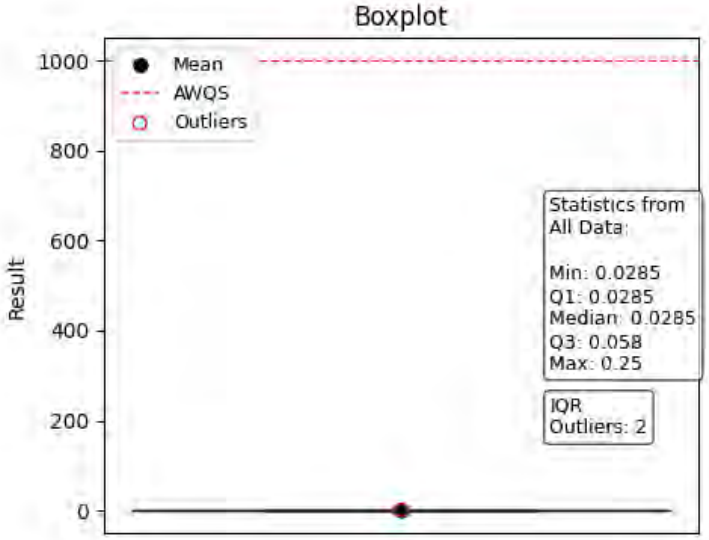
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Toluene







Well ID: POC-01
Constituent: Toluene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.081
Median = 0.0285
Min = 0.0285
Max = 0.25
StdDev = 0.0963
95%ile = 0.25

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.373
UTL (log) = 0.868
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0291
MK s = -16

Rosner
Outliers = 0
CV% = 118.89

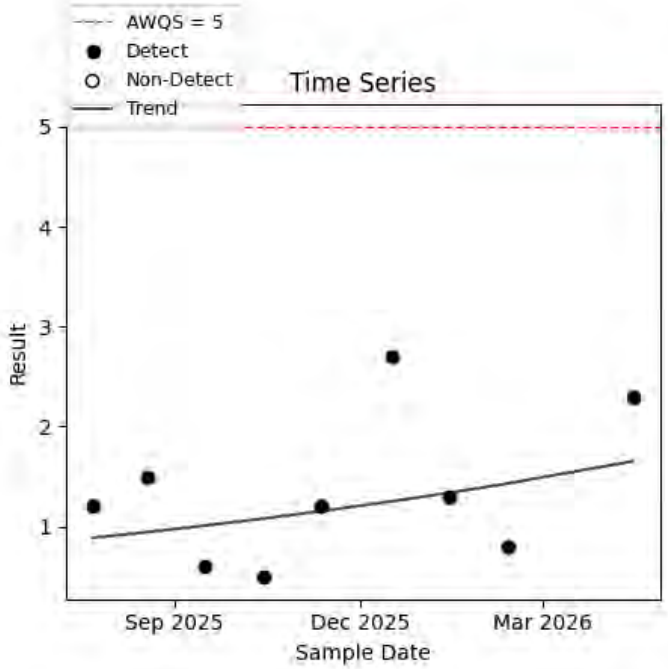
AWQS = 1e+03 ug/L

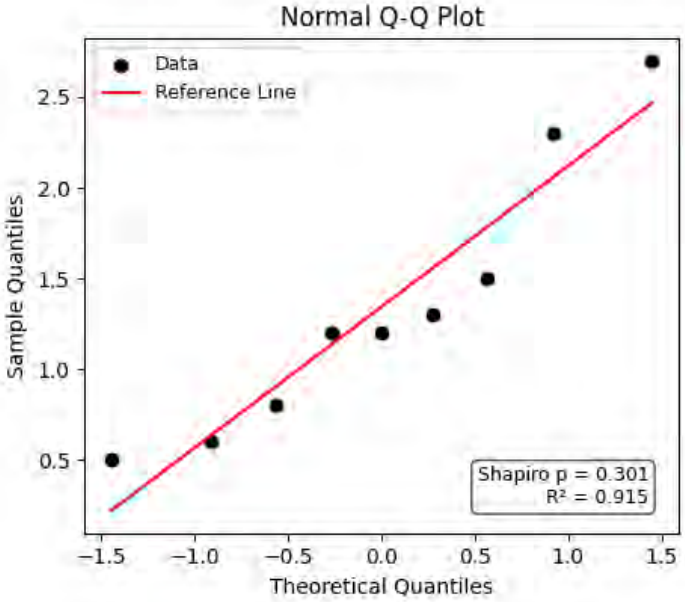
Figure: 1.21

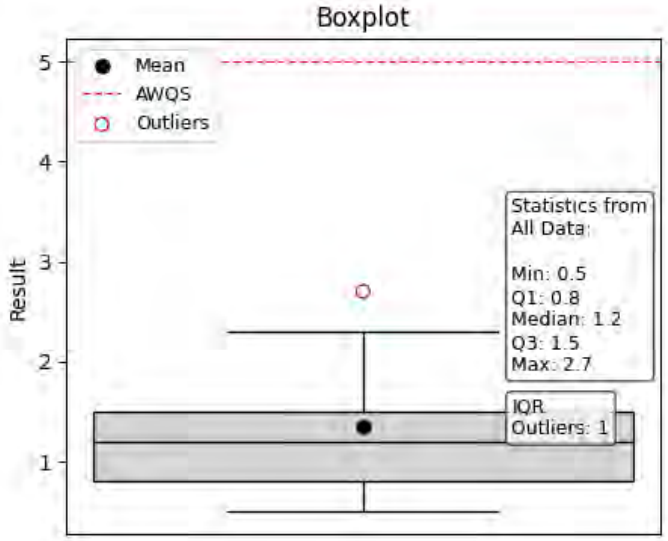
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Total Radium







Well ID: POC-01
Constituent: Total Radium
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 1.34
Median = 1.2
Min = 0.5
Max = 2.7
StdDev = 0.74
95%ile = 2.54

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 3.59
UTL (log) = 6.48
UTL (np) = 2.7

Trend = no trend
MK p = 0.265
MK s = 7

Rosner
Outliers = 0
CV% = 55.05

AWQS = 5 pCi/L

Figure: 1.22

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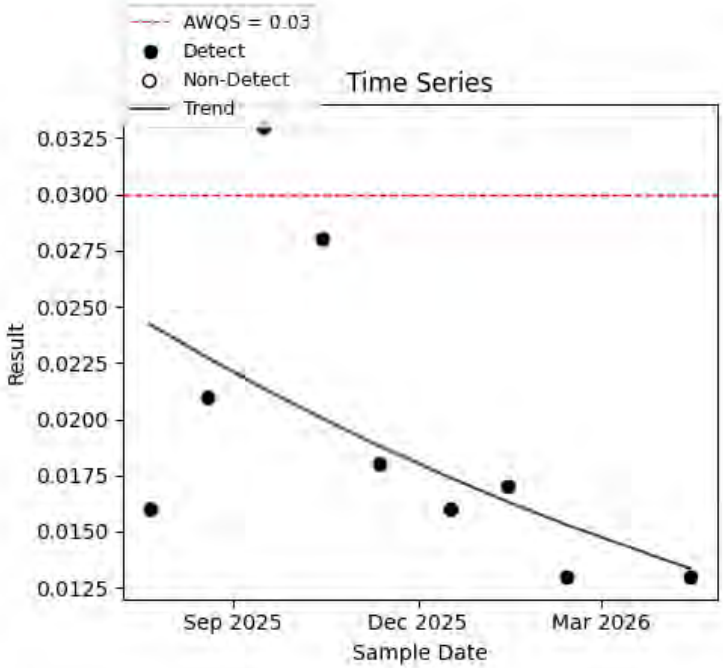
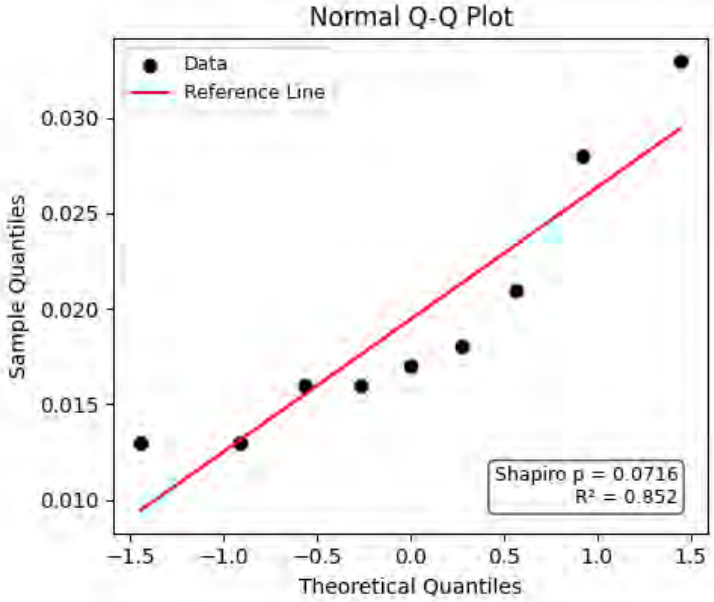
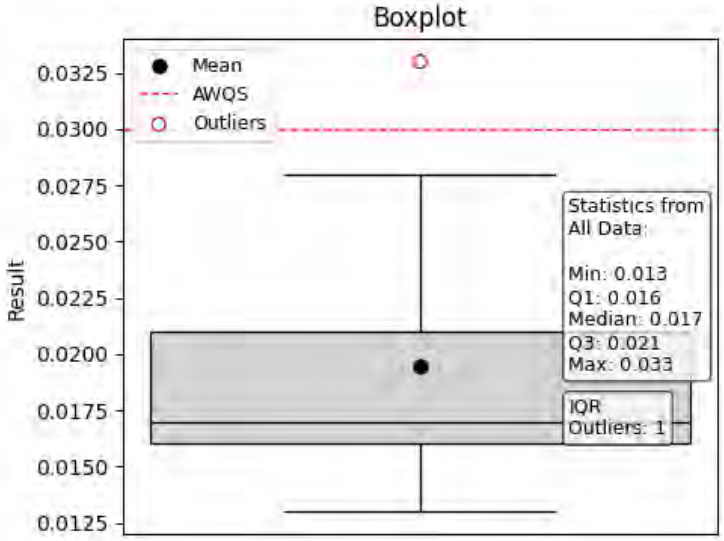
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Uranium







⚠ **Exceeds AWQS**

Well ID: POC-01
Constituent: Uranium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0194
Median = 0.017
Min = 0.013
Max = 0.033
StdDev = 0.00684
95%ile = 0.031

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0402
UTL (log) = 0.0489
UTL (np) = 0.033

Trend = decreasing
MK p = 0.0366
MK s = -18

Rosner
Outliers = 0
CV% = 35.17

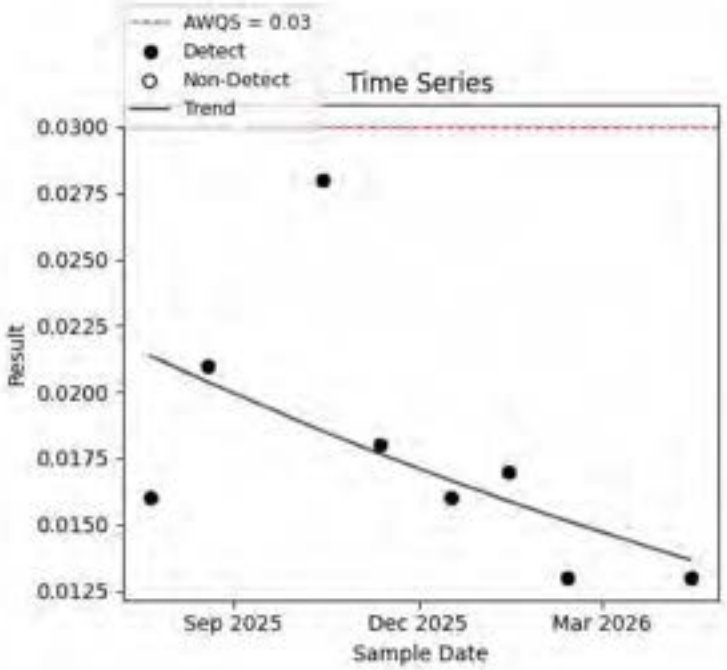
AWQS = 0.03 mg/L

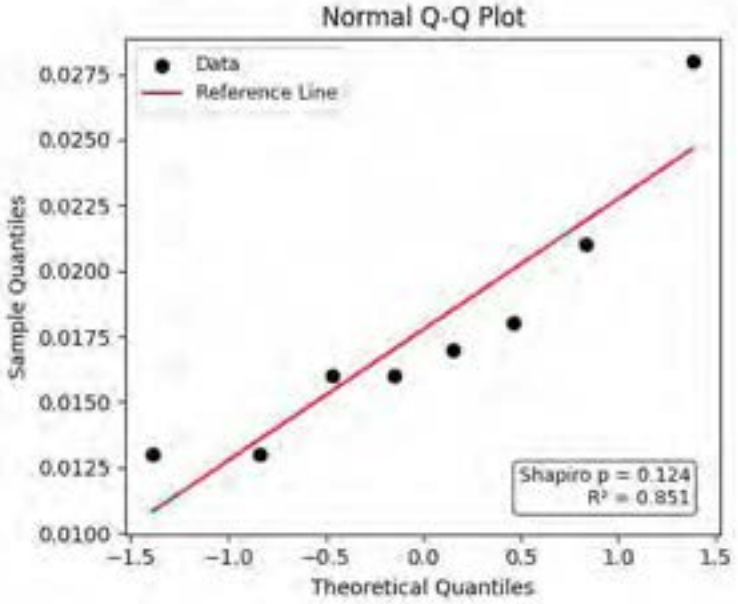
Figure: 1.23

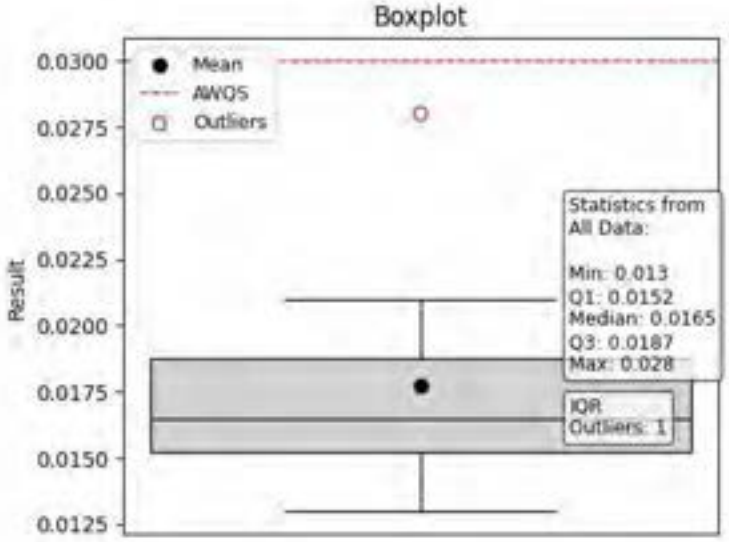
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Uranium







Well ID: POC-01
Constituent: Uranium
Units: mg/L
N = 8

Detect Only Stats:
Mean = 0.0178
Median = 0.0165
Min = 0.013
Max = 0.028
StdDev = 0.00489
95%ile = 0.0255

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0333
UTL (log) = 0.0386
UTL (np) = 0.028

Trend = no trend
MK p = 0.0512
MK s = -14

Rosner
Outliers = 0
CV% = 27.56

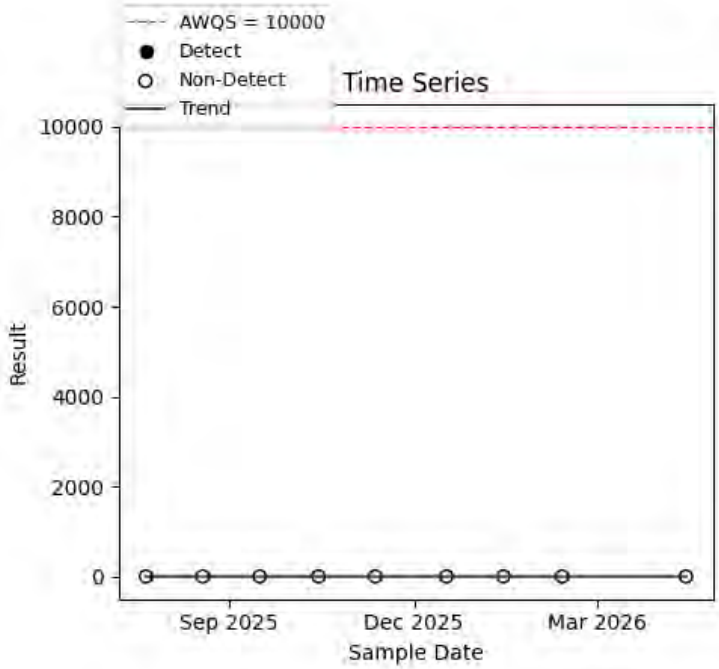
AWQS = 0.03 mg/L

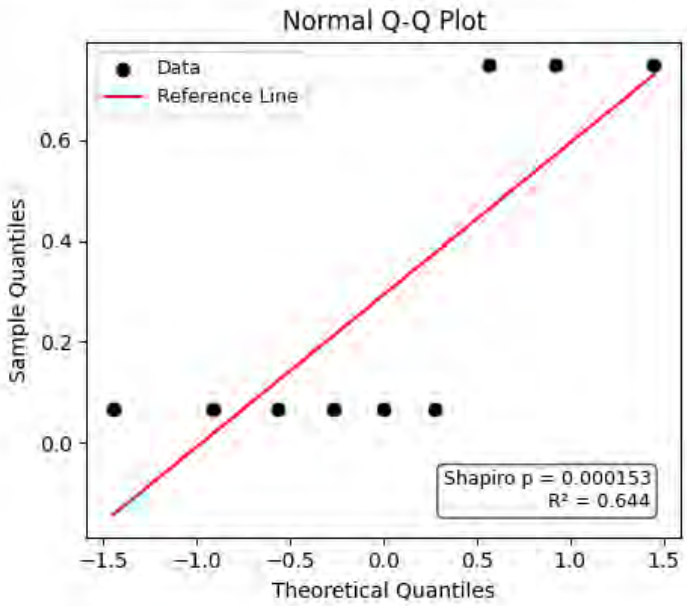
Figure: 1.23B

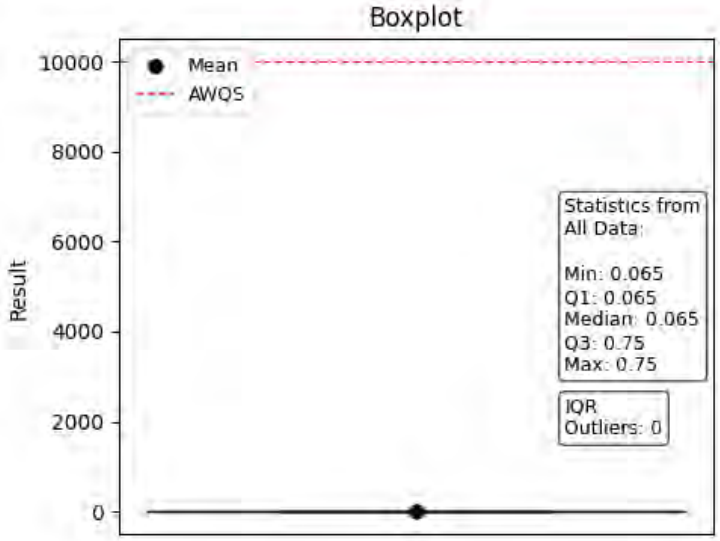
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-01 - Xylenes, Total







Well ID: POC-01
Constituent: Xylenes, Total
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.293
Median = 0.065
Min = 0.065
Max = 0.75
StdDev = 0.342
95%ile = 0.75

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 1.33
UTL (log) = 5.98
UTL (np) = 0.75

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 116.76

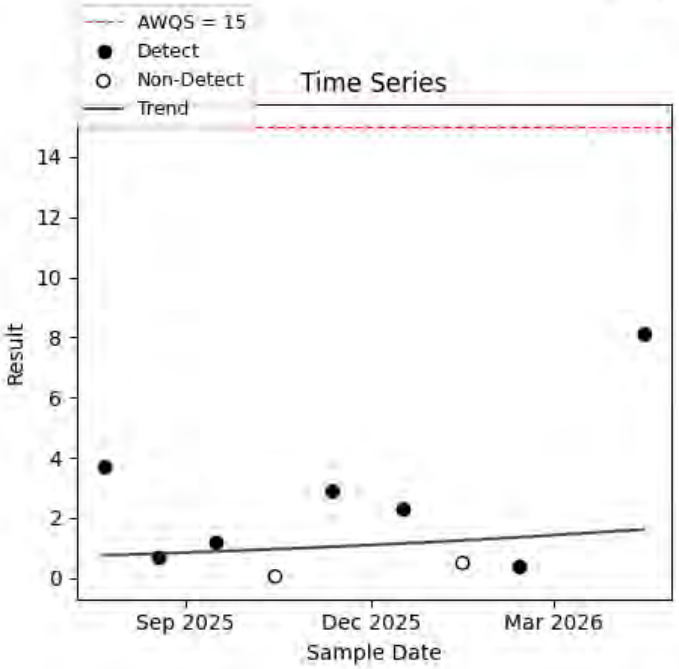
AWQS = 1e+04 ug/L

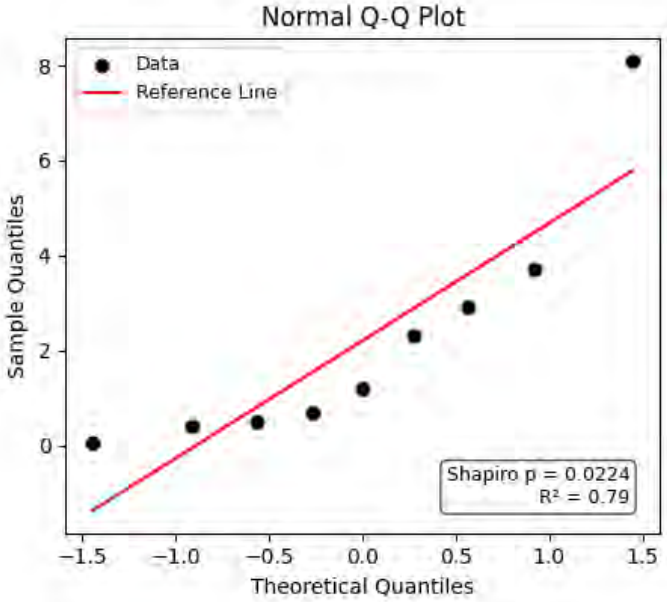
Figure: 1.24

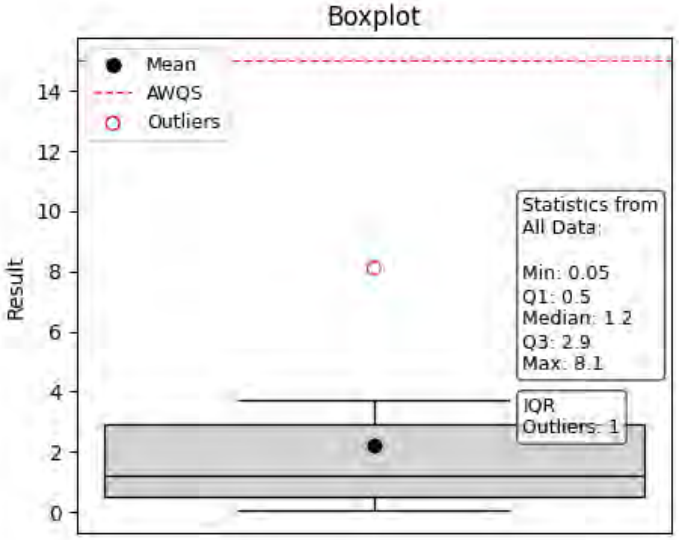
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Adjusted Gross Alpha







Well ID: POC-02
Constituent: Adjusted Gross Alpha
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 2.21
Median = 1.2
Min = 0.05
Max = 8.1
StdDev = 2.54
95%ile = 6.34

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 9.9
UTL (log) = 104
UTL (np) = 8.1

Trend = no trend
MK p = 0.458
MK s = -2

Rosner
Outliers = 1
CV% = 115.11

AWQS = 15 pCi/L

Figure: 2.1

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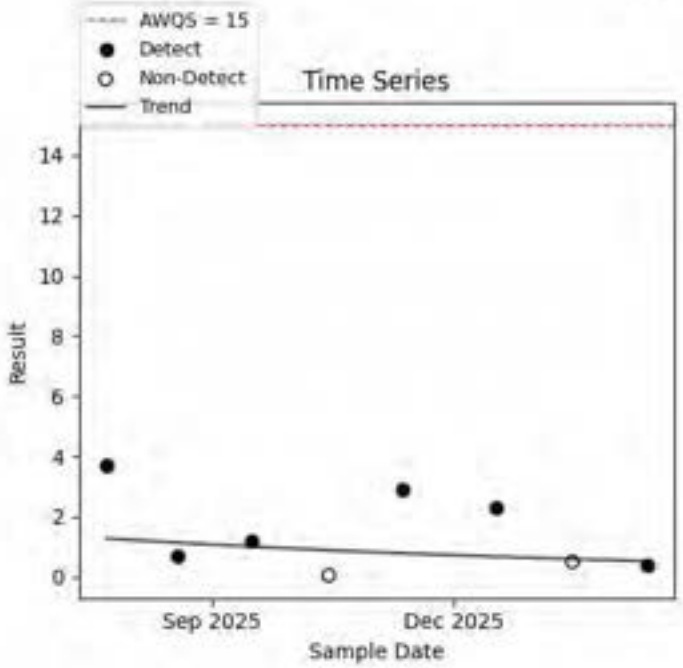
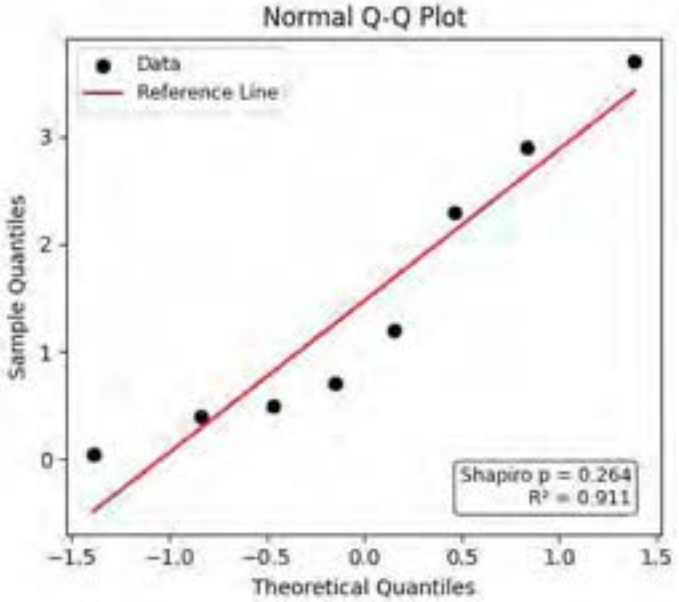
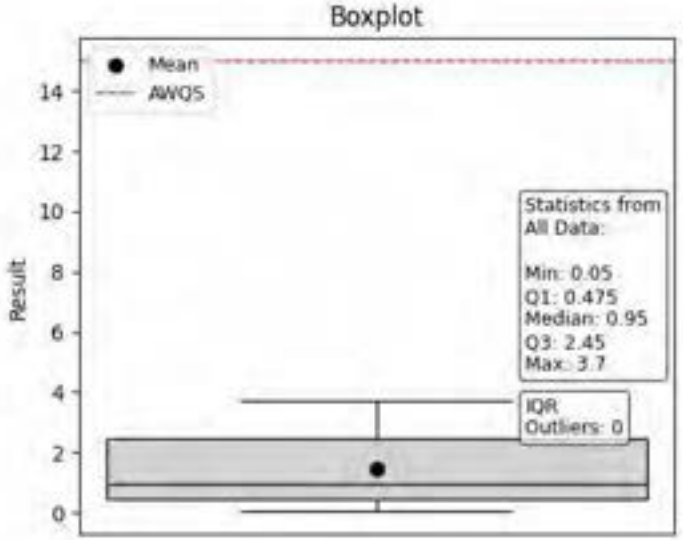
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Adjusted Gross Alpha







Well ID: POC-02
Constituent: Adjusted Gross Alpha
Units: pCi/L
N = 8

Detect Only Stats:
Mean = 1.47
Median = 0.95
Min = 0.05
Max = 3.7
StdDev = 1.33
95%ile = 3.42

% Non Detects = 25.0%

Distribution = Normal
UTL (norm) = 5.72
UTL (log) = 70.8
UTL (np) = 3.7

Trend = no trend
MK p = 0.133
MK s = -10

Rosner
Outliers = 0
CV% = 90.89

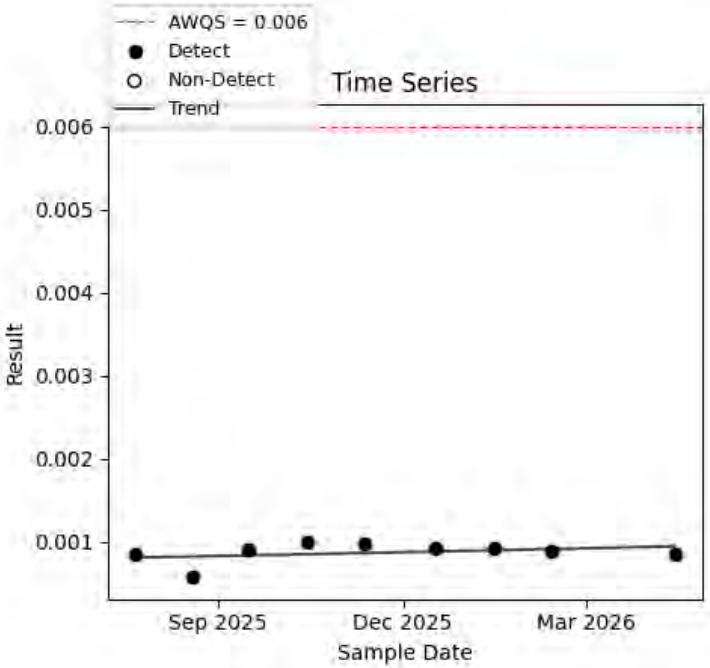
AWQS = 15 pCi/L

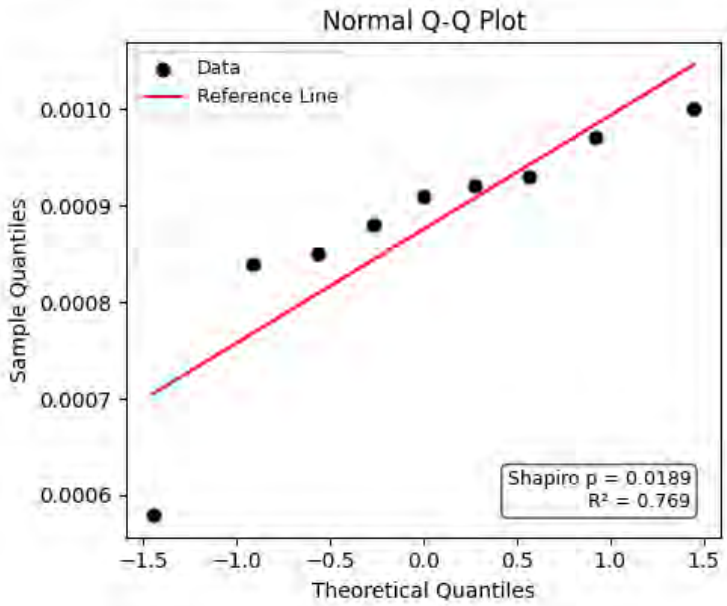
Figure: 2.1B

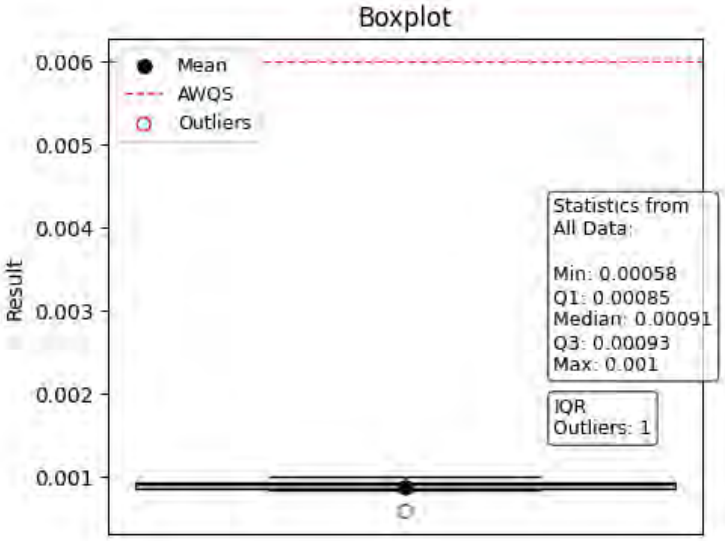
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Antimony







Well ID: POC-02
Constituent: Antimony
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000876
Median = 0.00091
Min = 0.00058
Max = 0.001
StdDev = 0.000122
95%ile = 0.000988

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00125
UTL (log) = 0.00141
UTL (np) = 0.001

Trend = no trend
MK p = 0.5
MK s = 0

Rosner
Outliers = 1
CV% = 13.98

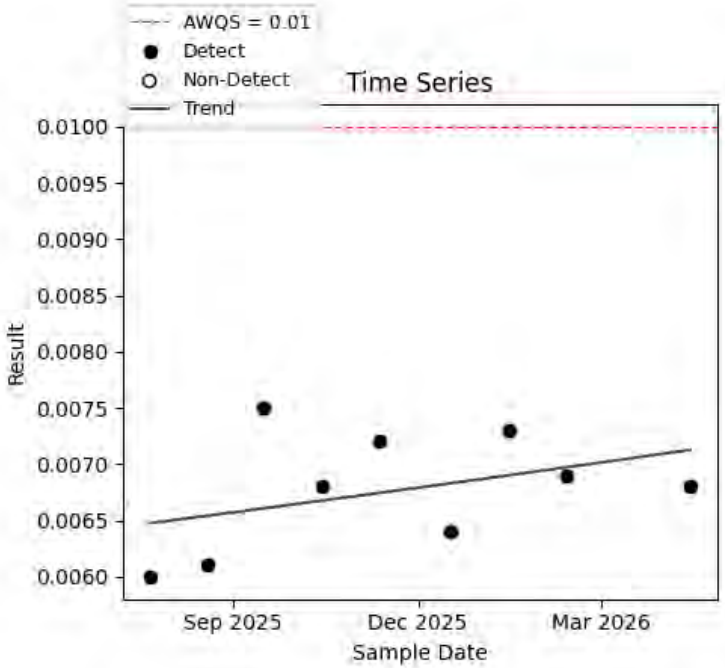
AWQS = 0.006 mg/L

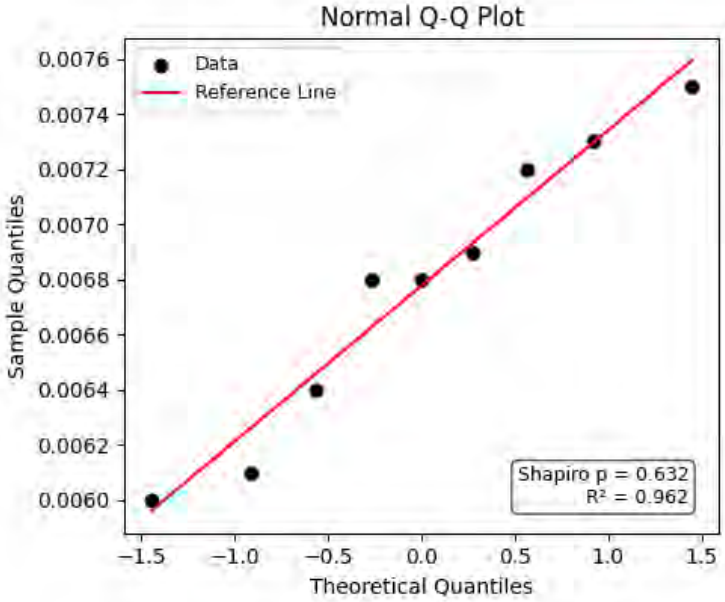
Figure: 2.2

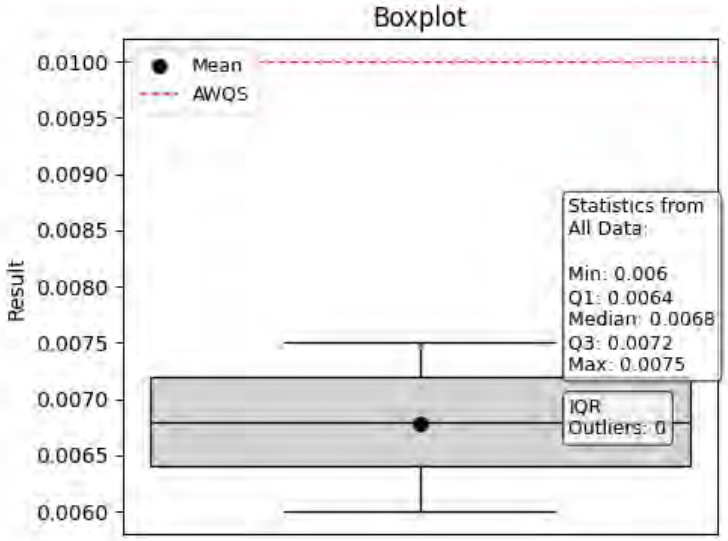
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Arsenic







Well ID: POC-02
Constituent: Arsenic
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00678
Median = 0.0068
Min = 0.006
Max = 0.0075
StdDev = 0.000524
95%ile = 0.00742

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00837
UTL (log) = 0.00857
UTL (np) = 0.0075

Trend = no trend
MK p = 0.201
MK s = 9

Rosner
Outliers = 0
CV% = 7.73

AWQS = 0.01 mg/L

Figure: 2.3

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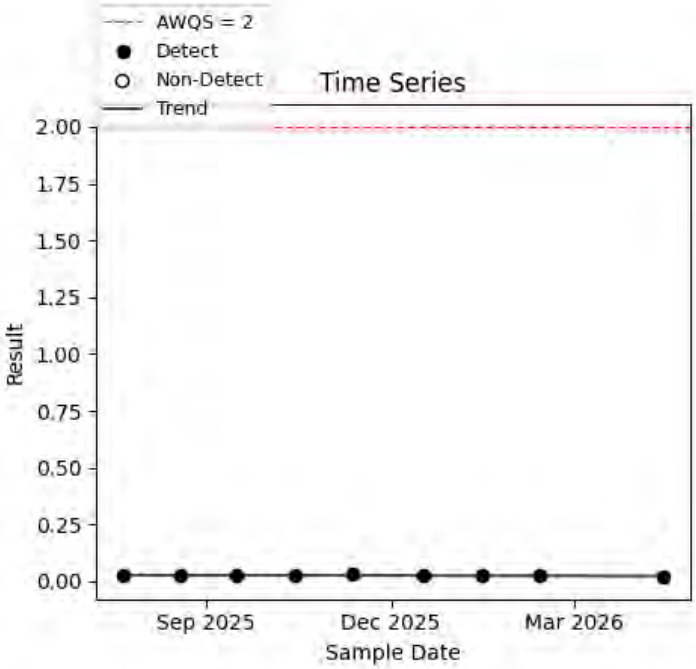
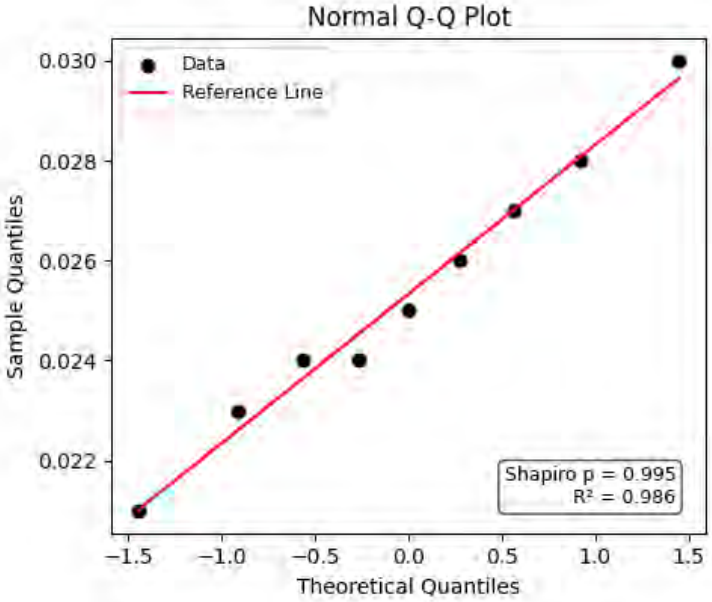
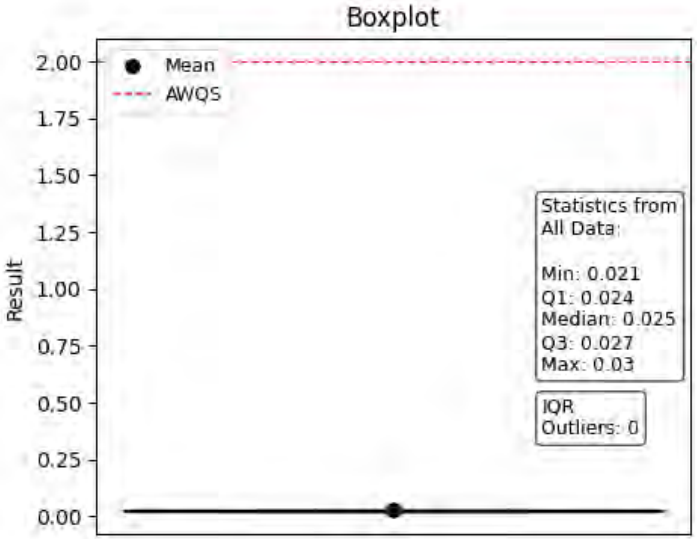
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Barium







Well ID: POC-02
Constituent: Barium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0253
Median = 0.025
Min = 0.021
Max = 0.03
StdDev = 0.00274
95%ile = 0.0292

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0336
UTL (log) = 0.035
UTL (np) = 0.03

Trend = no trend
MK p = 0.201
MK s = -9

Rosner
Outliers = 0
CV% = 10.81

AWQS = 2 mg/L

Figure: 2.4

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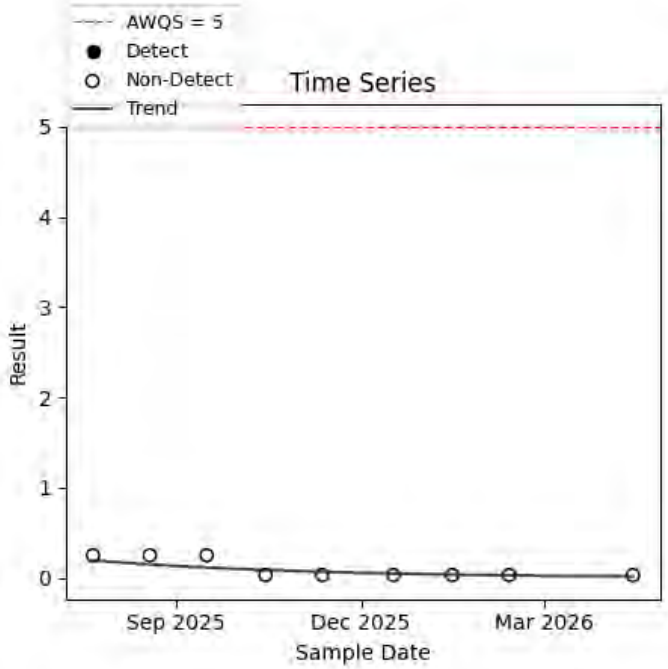
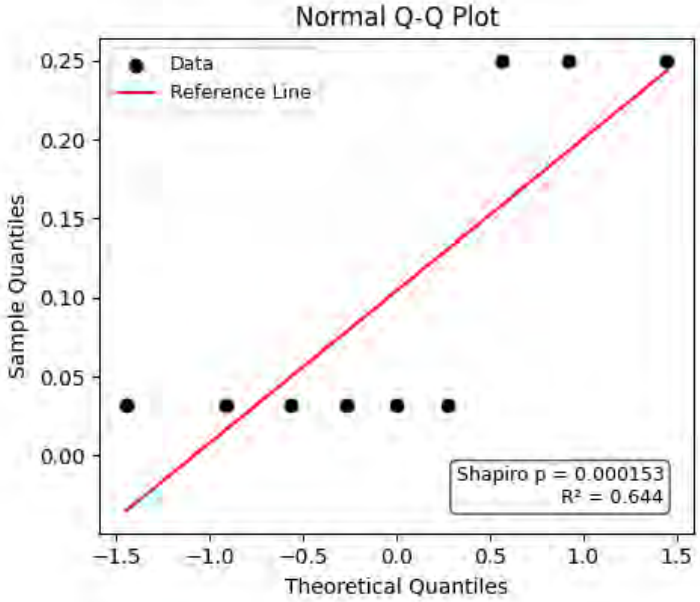
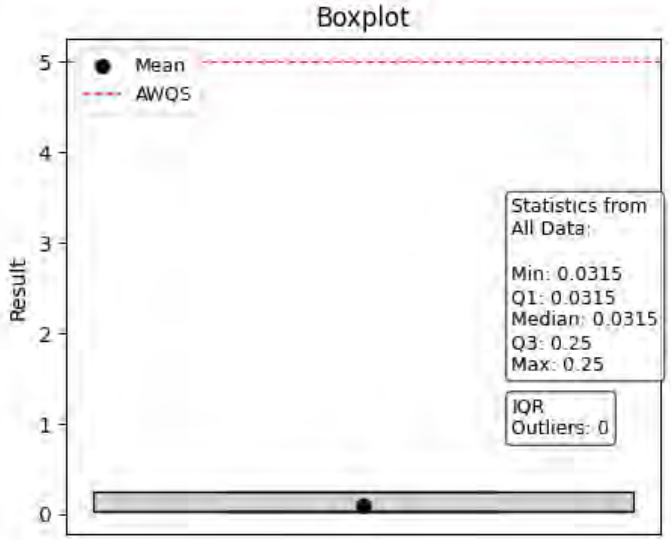
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Benzene







Well ID: POC-02
Constituent: Benzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.104
Median = 0.0315
Min = 0.0315
Max = 0.25
StdDev = 0.109
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.435
UTL (log) = 1.45
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 104.71

AWQS = 5 ug/L

Figure: 2.5

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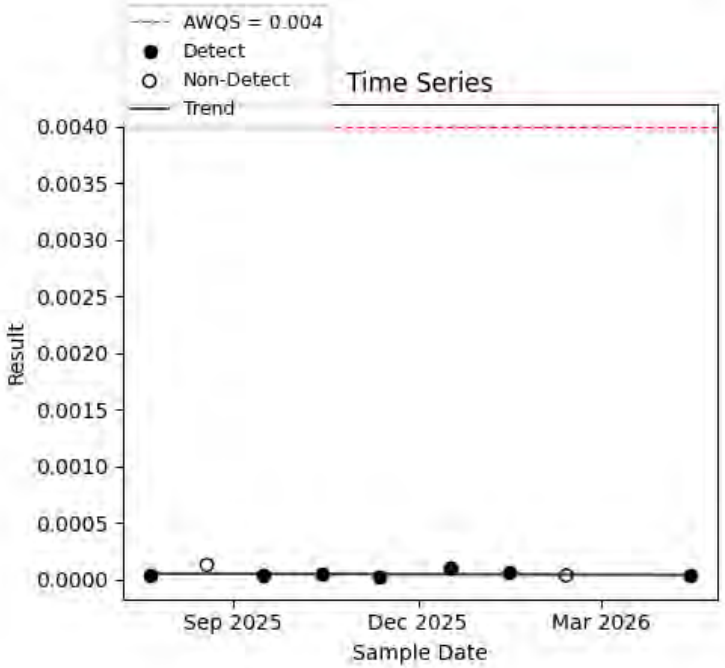
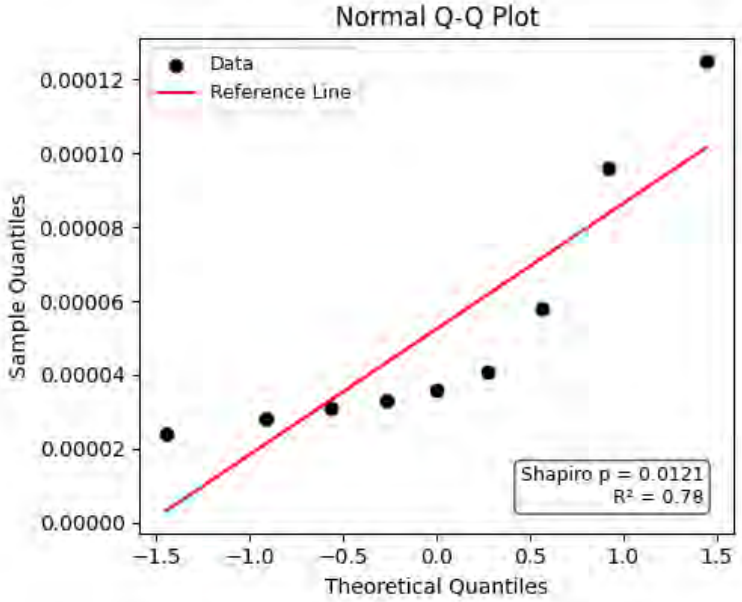
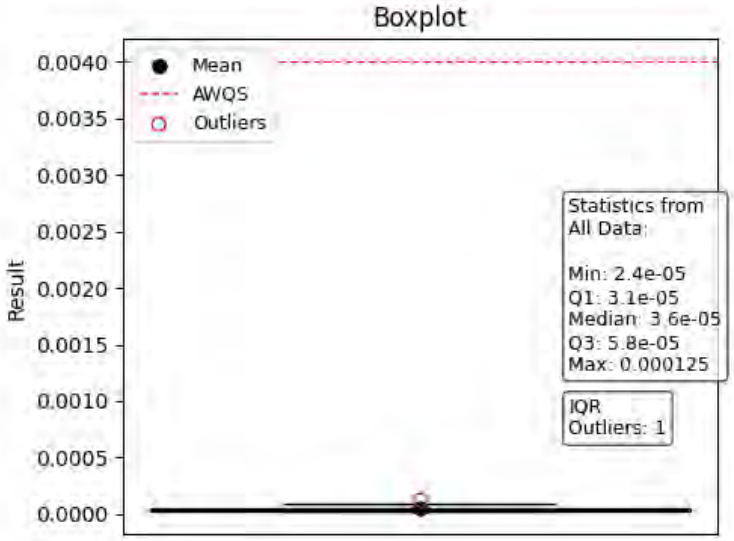
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Beryllium







Well ID: POC-02
Constituent: Beryllium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 5.24e-05
Median = 3.6e-05
Min = 2.4e-05
Max = 0.000125
StdDev = 3.51e-05
95%ile = 0.000113

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 0.000159
UTL (log) = 0.000251
UTL (np) = 0.000125

Trend = no trend
MK p = 0.377
MK s = -4

Rosner
Outliers = 0
CV% = 66.87

AWQS = 0.004 mg/L

Figure: 2.6

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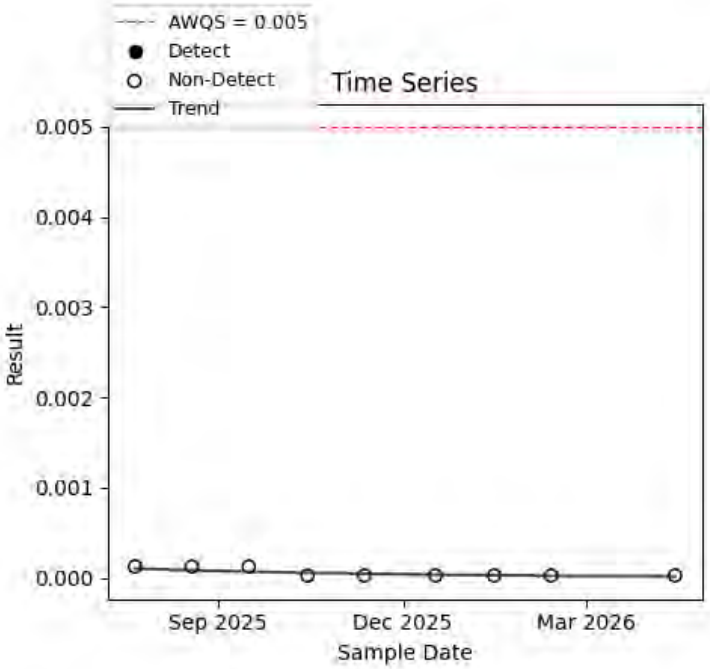
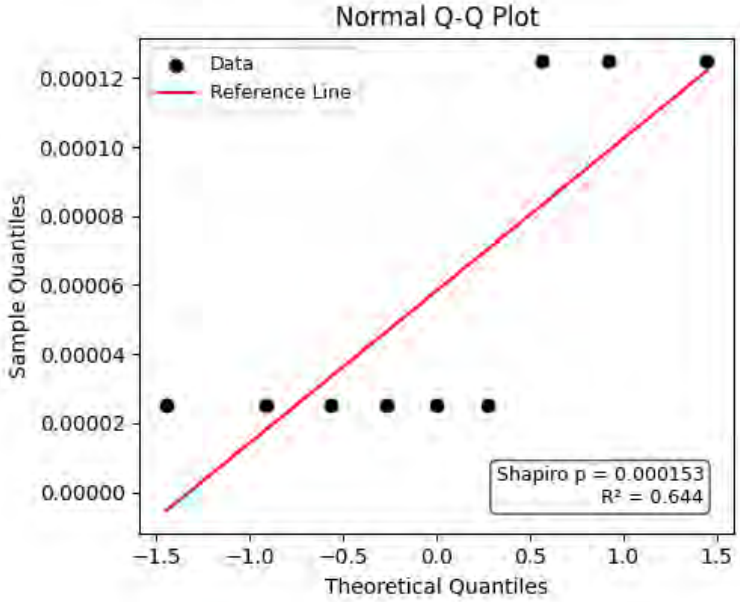
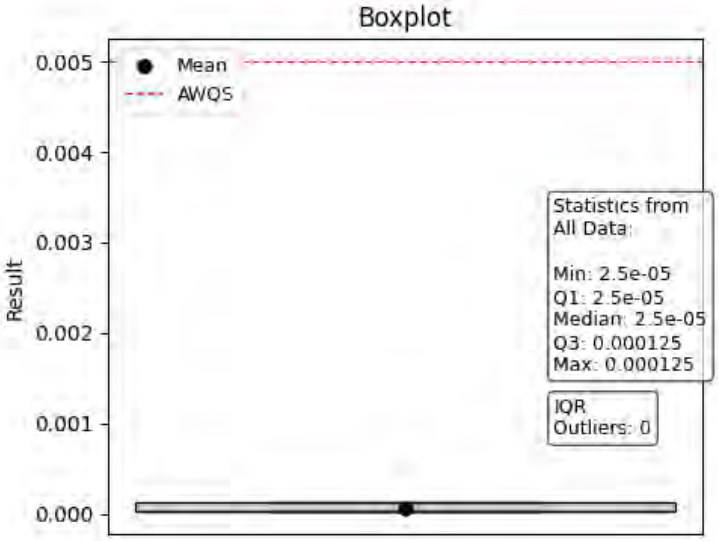
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Cadmium







Well ID: POC-02
Constituent: Cadmium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 5.83e-05
Median = 2.5e-05
Min = 2.5e-05
Max = 0.000125
StdDev = 5e-05
95%ile = 0.000125

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.00021
UTL (log) = 0.00049
UTL (np) = 0.000125

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 85.71

AWQS = 0.005 mg/L

Figure: 2.7

Copper World, Inc.
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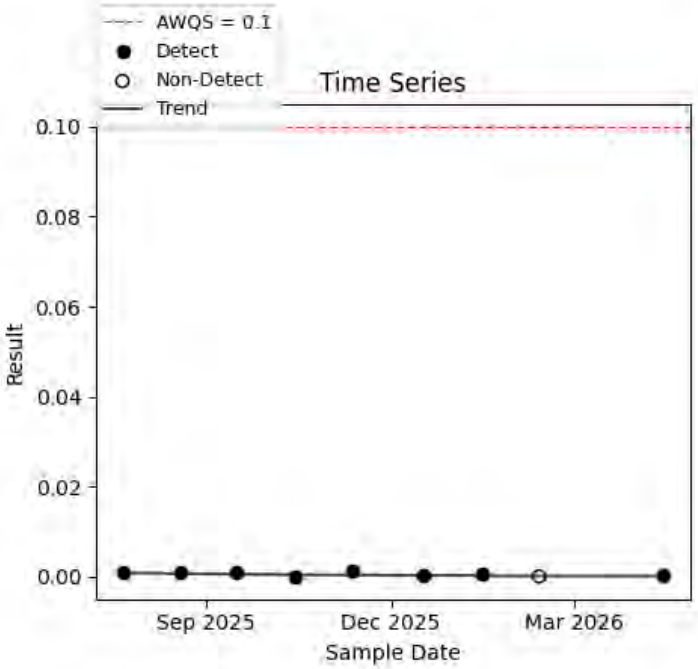
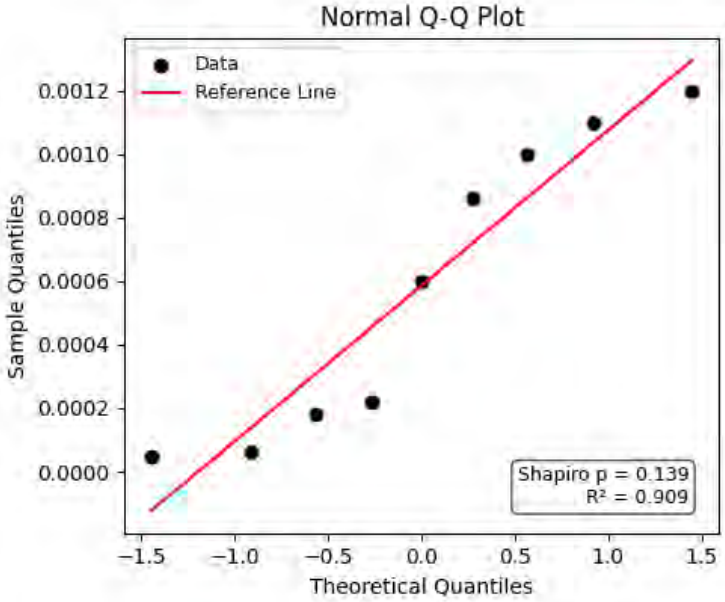
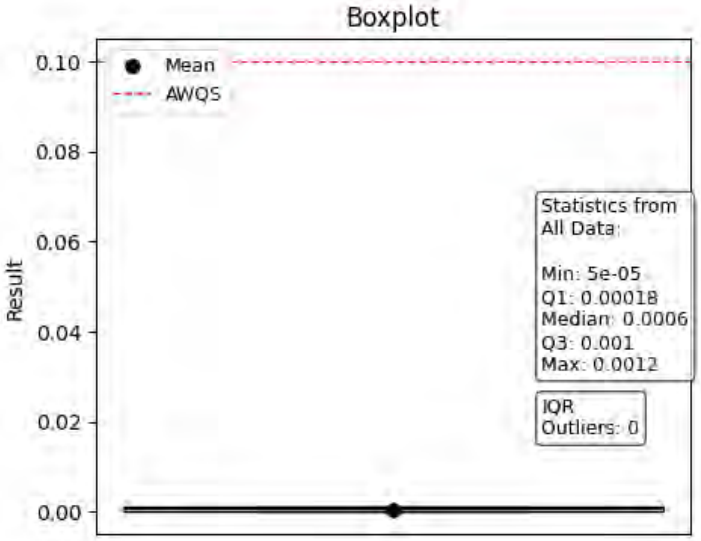
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Chromium







Well ID: POC-02
Constituent: Chromium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000586
Median = 0.0006
Min = 5e-05
Max = 0.0012
StdDev = 0.000468
95%ile = 0.00116

% Non Detects = 11.1%

Distribution = Normal
UTL (norm) = 0.002
UTL (log) = 0.0157
UTL (np) = 0.0012

Trend = no trend
MK p = 0.174
MK s = -10

Rosner
Outliers = 0
CV% = 79.89

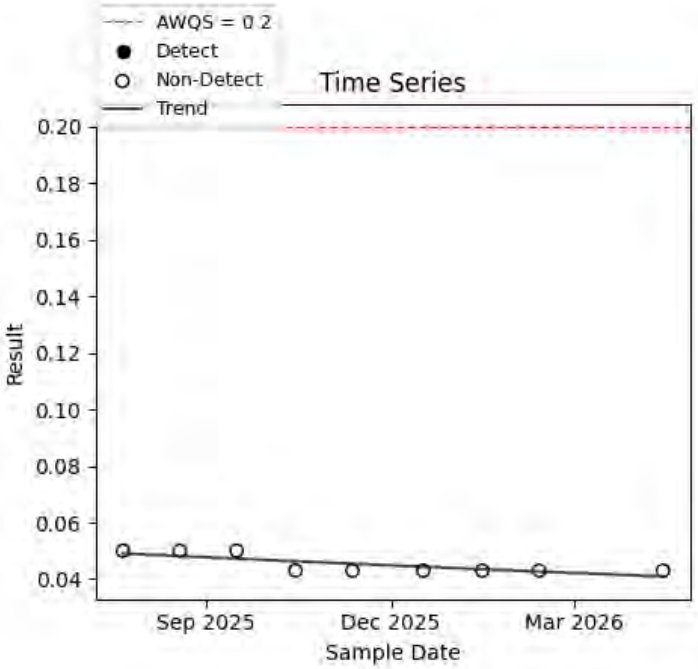
AWQS = 0.1 mg/L

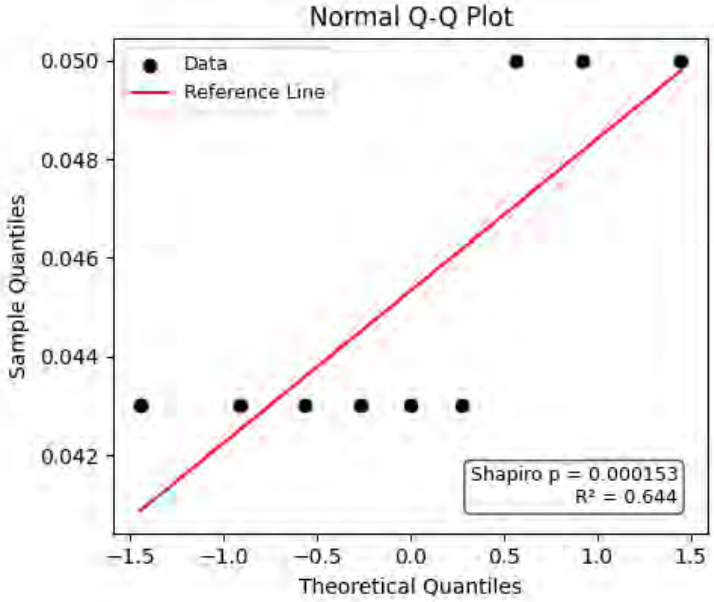
Figure: 2.8

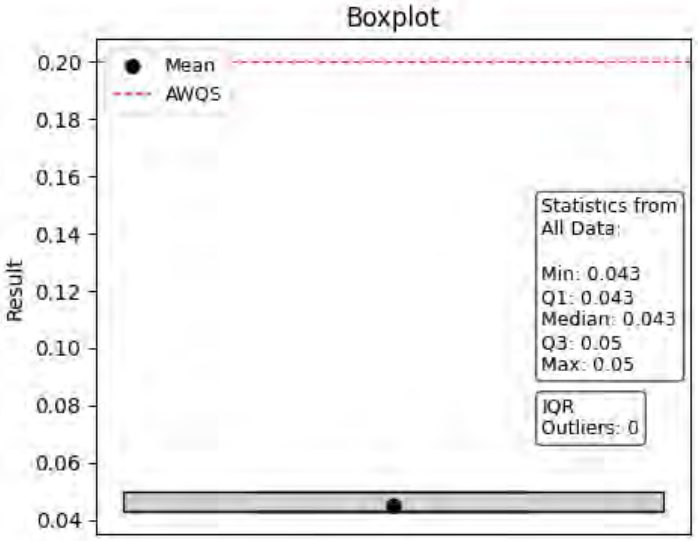
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Cyanide







Well ID: POC-02
Constituent: Cyanide
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0453
Median = 0.043
Min = 0.043
Max = 0.05
StdDev = 0.0035
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0559
UTL (log) = 0.0568
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 7.72

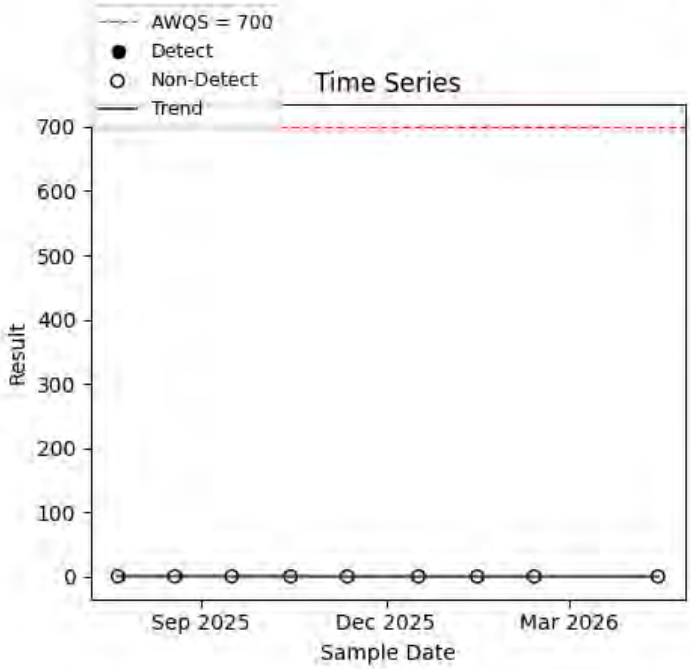
AWQS = 0.2 mg/L

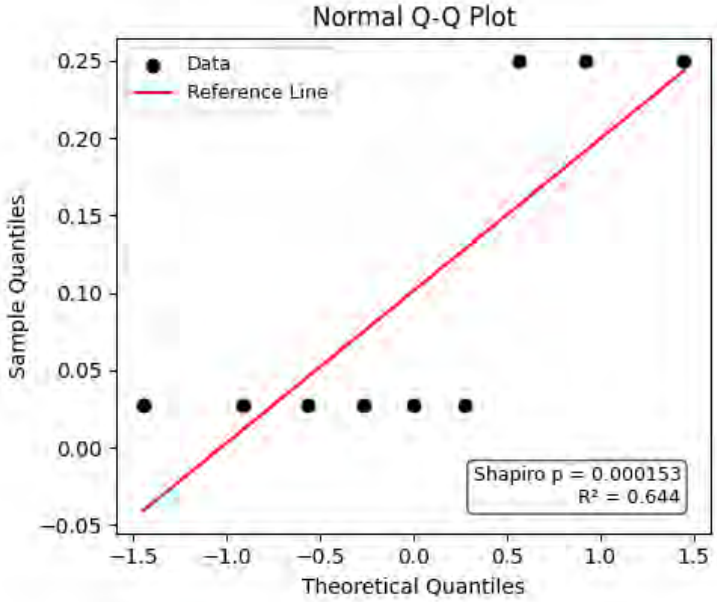
Figure: 2.9

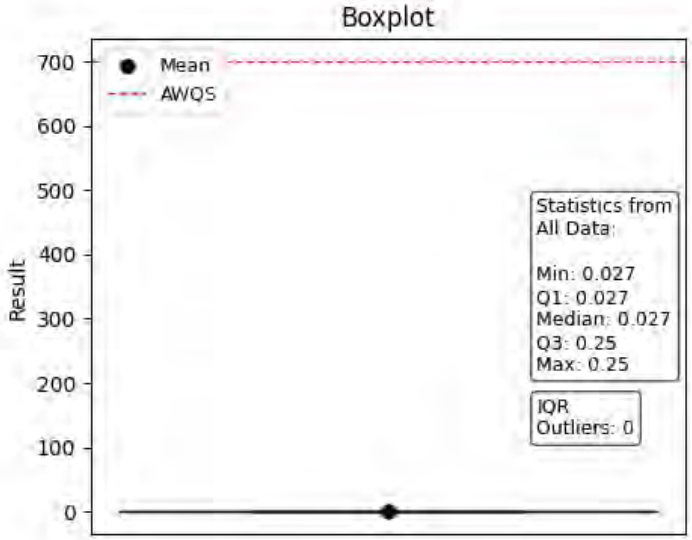
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Ethylbenzene







Well ID: POC-02
Constituent: Ethylbenzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.101
Median = 0.027
Min = 0.027
Max = 0.25
StdDev = 0.112
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.439
UTL (log) = 1.65
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 110.03

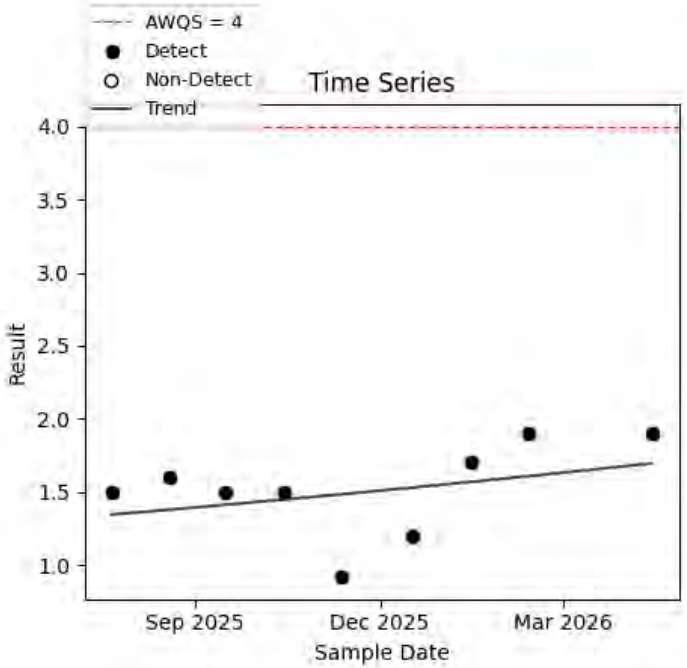
AWQS = 700 ug/L

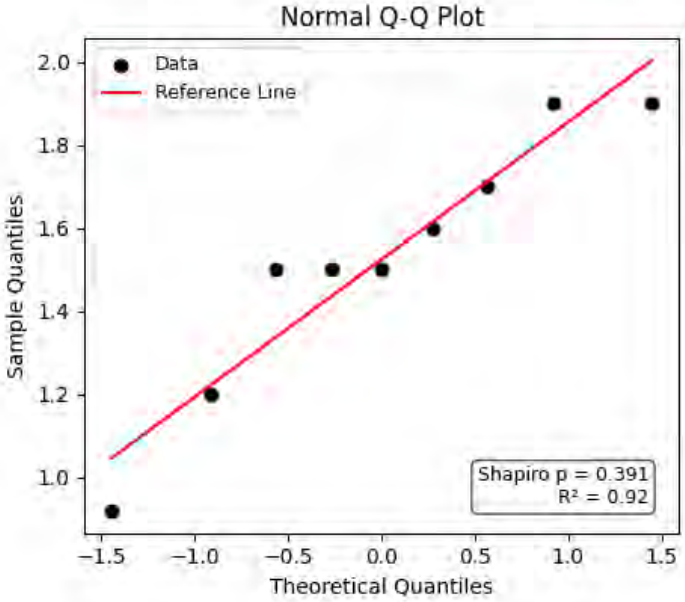
Figure: 2.10

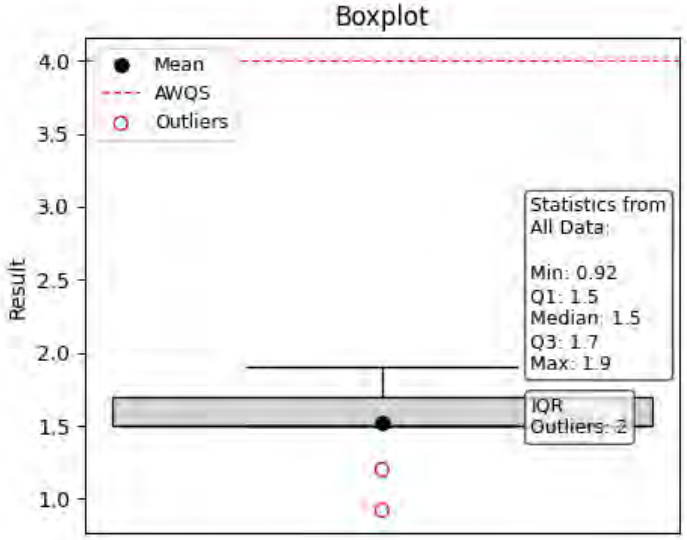
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Fluoride







Well ID: POC-02
Constituent: Fluoride
Units: mg/L
N = 9

Detect Only Stats:
Mean = 1.52
Median = 1.5
Min = 0.92
Max = 1.9
StdDev = 0.314
95%ile = 1.9

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 2.48
UTL (log) = 2.99
UTL (np) = 1.9

Trend = no trend
MK p = 0.12
MK s = 12

Rosner
Outliers = 0
CV% = 20.63

AWQS = 4 mg/L

Figure: 2.11

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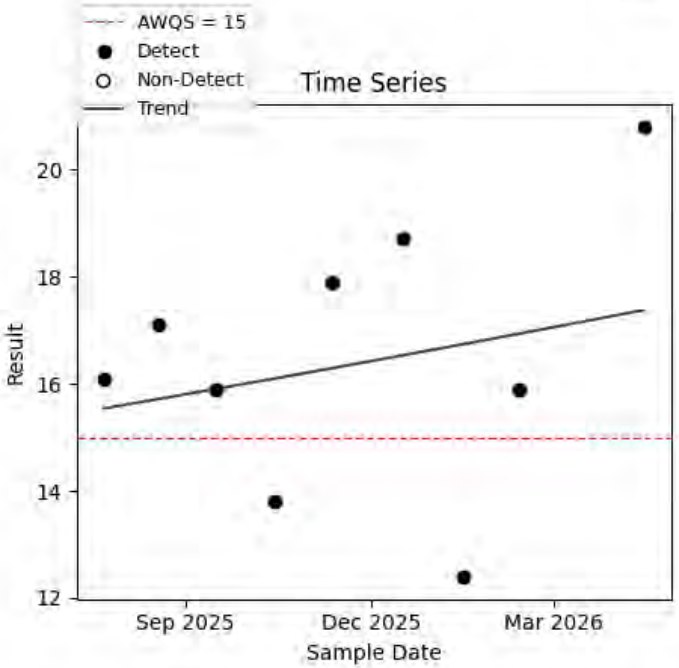
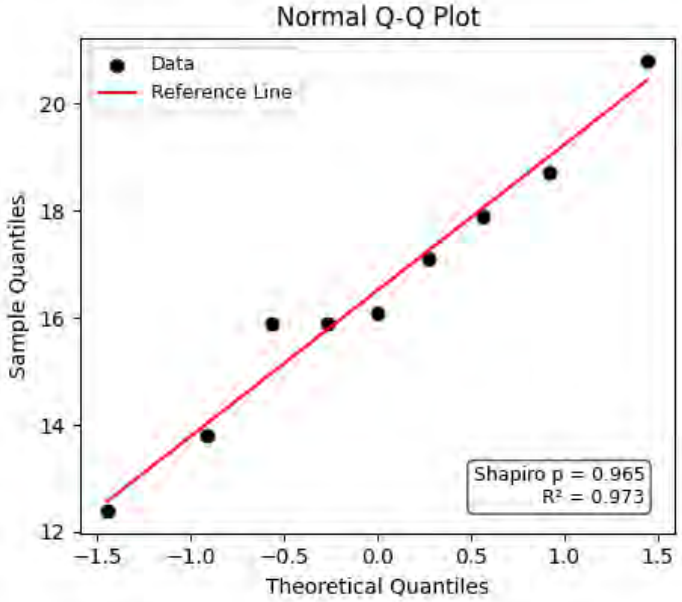
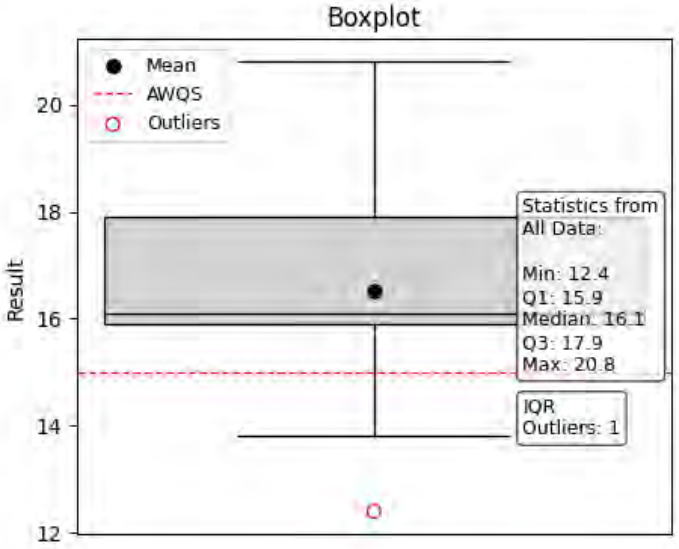
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Gross Alpha Activity







⚠ **Exceeds AWQS**

Well ID: POC-02
Constituent: Gross Alpha Activity
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 16.5
Median = 16.1
Min = 12.4
Max = 20.8
StdDev = 2.52
95%ile = 20

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 24.1
UTL (log) = 26.2
UTL (np) = 20.8

Trend = no trend
MK p = 0.337
MK s = 5

Rosner
Outliers = 0
CV% = 15.24

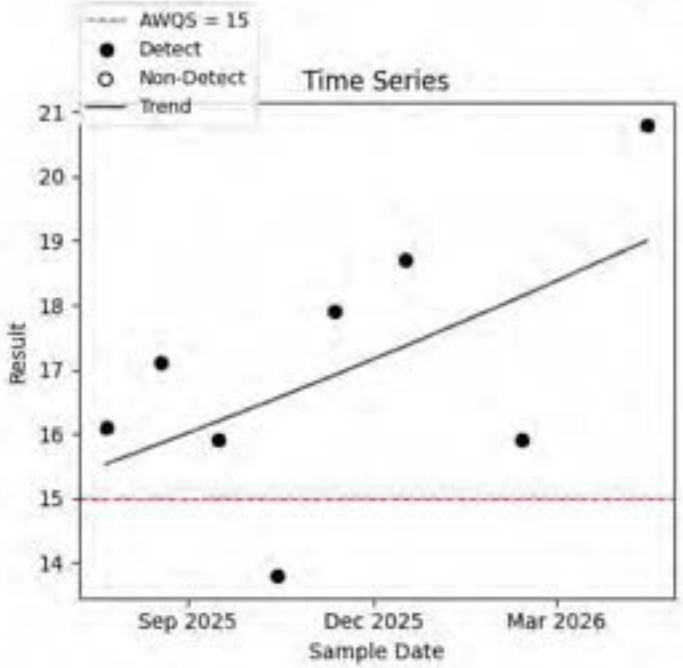
AWQS = 15 pCi/L

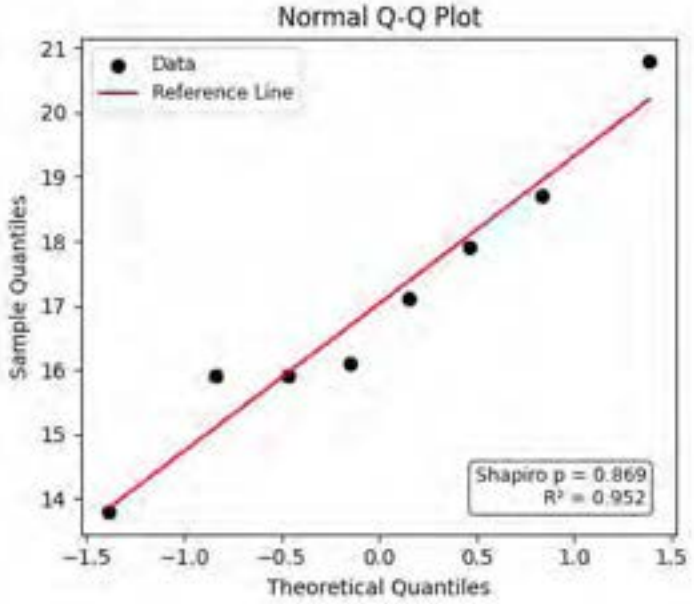
Figure: 2.12

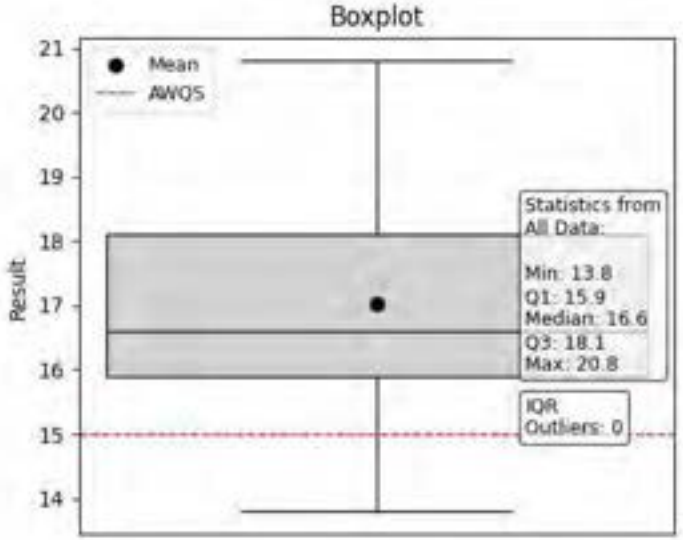
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Gross Alpha Activity







⚠ **Exceeds AWQS**

Well ID: POC-02
Constituent: Gross Alpha Activity
Units: pCi/L
N = 8

Detect Only Stats:
Mean = 17
Median = 16.6
Min = 13.8
Max = 20.8
StdDev = 2.13
95%ile = 20.1

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 23.8
UTL (log) = 25.1
UTL (np) = 20.8

Trend = no trend
MK p = 0.159
MK s = 9

Rosner
Outliers = 0
CV% = 12.48

AWQS = 15 pCi/L

Figure: 2.12B

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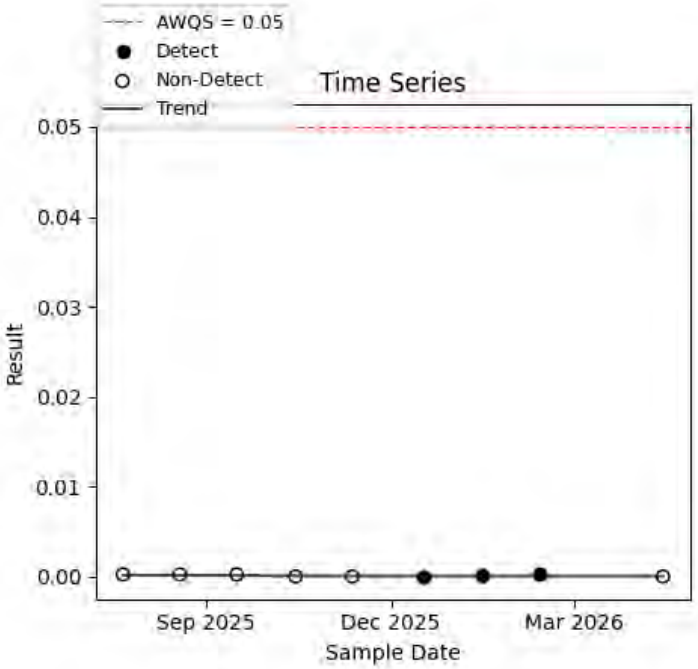
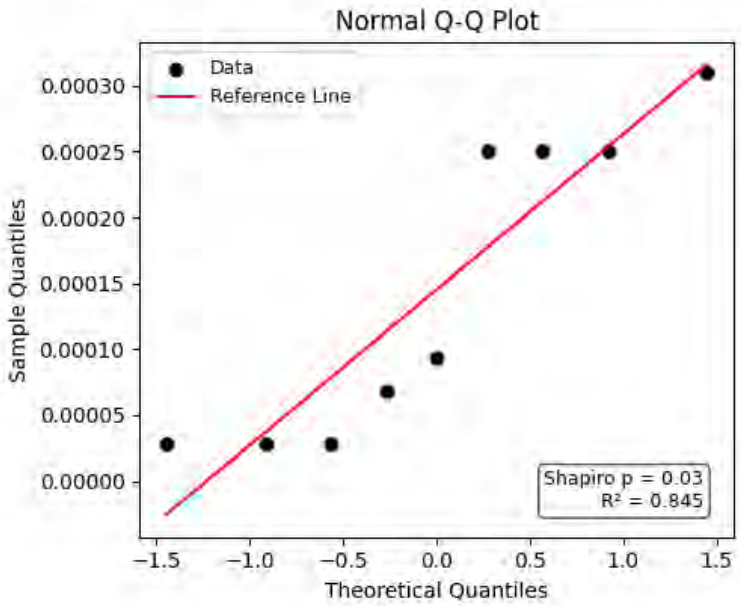
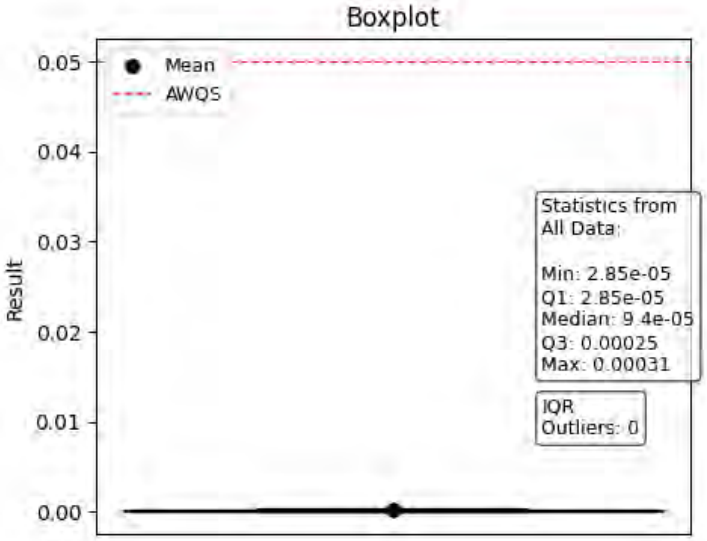
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Lead







Well ID: POC-02
Constituent: Lead
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000145
Median = 9.4e-05
Min = 2.85e-05
Max = 0.00031
StdDev = 0.000117
95%ile = 0.000286

% Non Detects = 66.7%

Distribution = Normal
UTL (norm) = 0.0005
UTL (log) = 0.00226
UTL (np) = 0.00031

Trend = no trend
MK p = 0.293
MK s = -6

Rosner
Outliers = 0
CV% = 80.55

AWQS = 0.05 mg/L

Figure: 2.13

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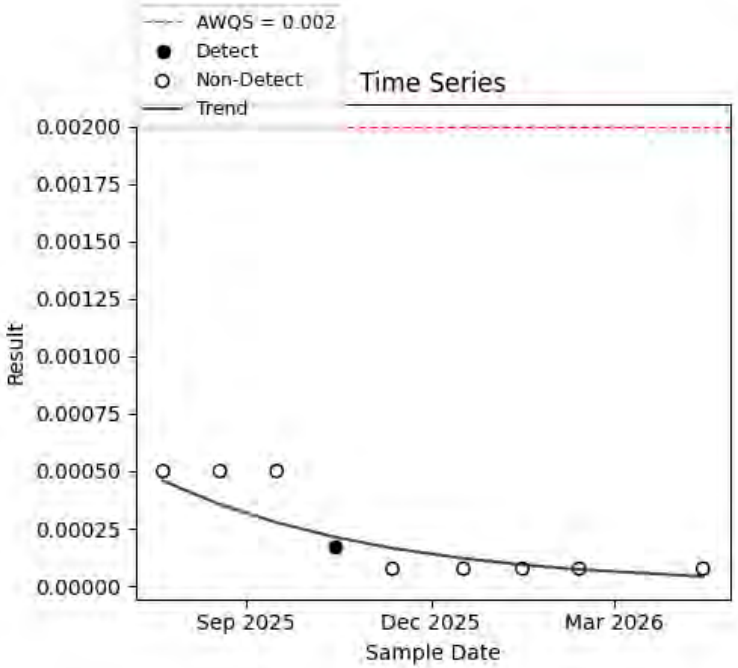
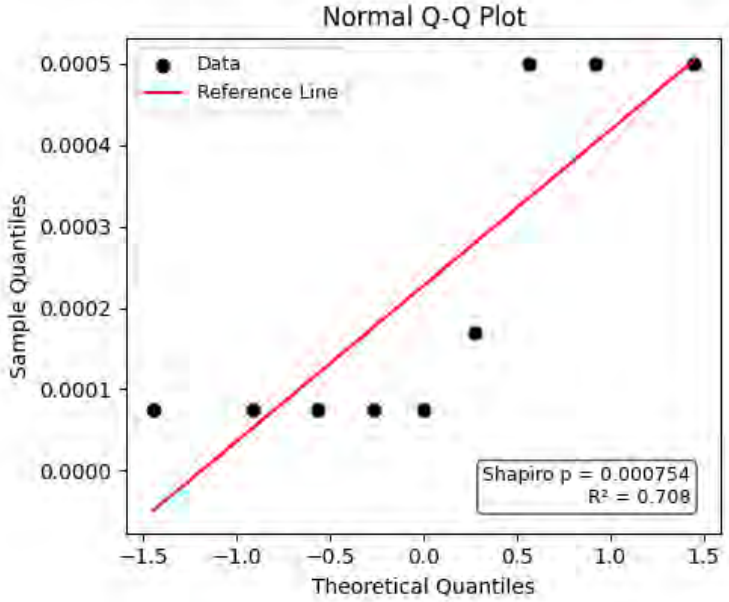
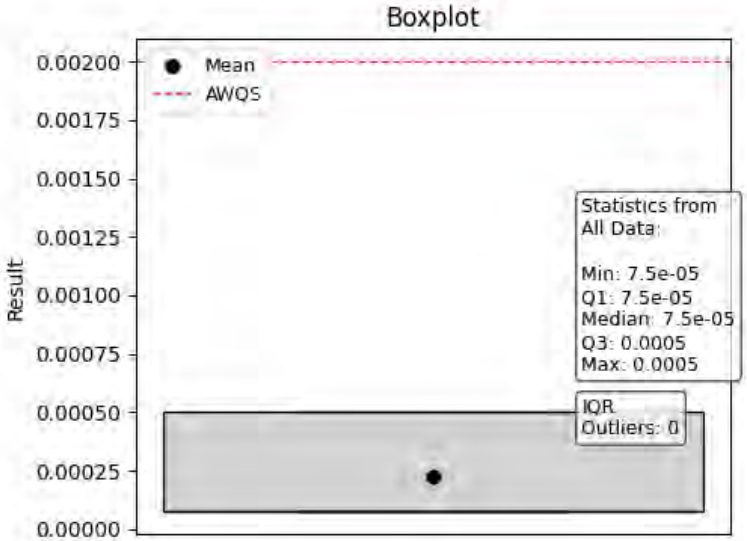
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Mercury







Well ID: POC-02
Constituent: Mercury
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000227
Median = 7.5e-05
Min = 7.5e-05
Max = 0.0005
StdDev = 0.000207
95%ile = 0.0005

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.000854
UTL (log) = 0.00251
UTL (np) = 0.0005

Trend = decreasing
MK p = 0.00468
MK s = -23

Rosner
Outliers = 0
CV% = 91.04

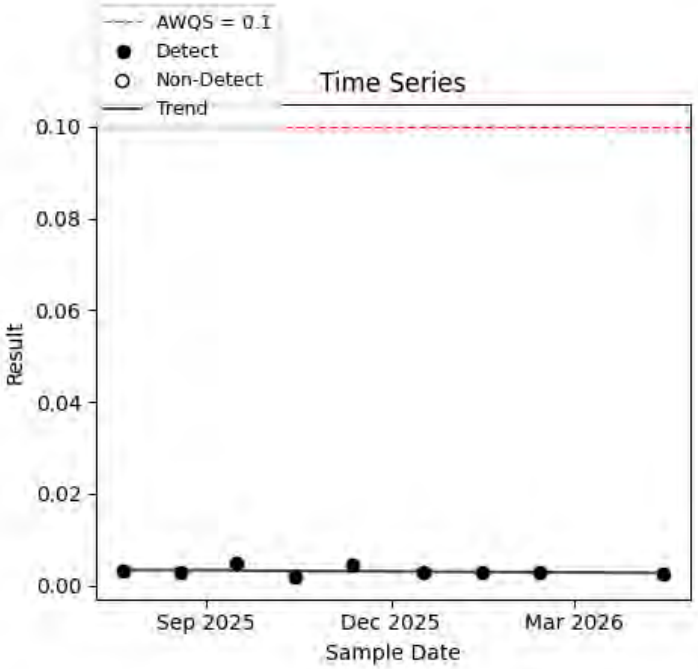
AWQS = 0.002 mg/L

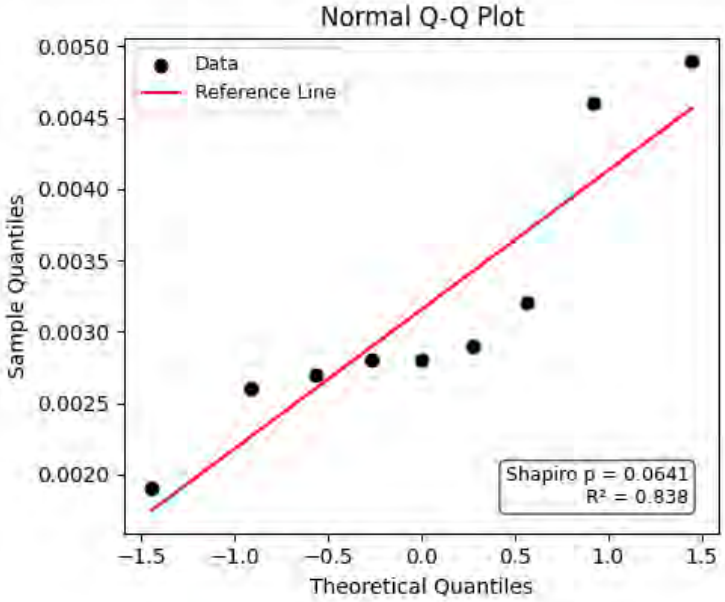
Figure: 2.14

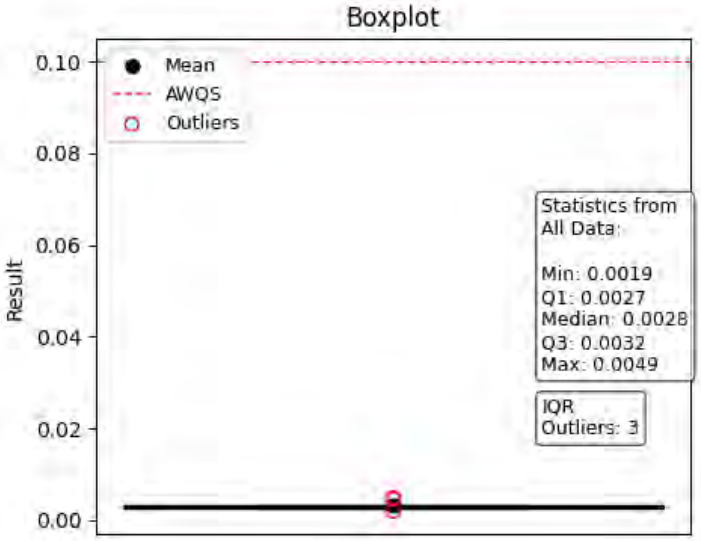
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Nickel







Well ID: POC-02
Constituent: Nickel
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00316
Median = 0.0028
Min = 0.0019
Max = 0.0049
StdDev = 0.000971
95%ile = 0.00478

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0061
UTL (log) = 0.00733
UTL (np) = 0.0049

Trend = no trend
MK p = 0.147
MK s = -11

Rosner
Outliers = 0
CV% = 30.77

AWQS = 0.1 mg/L

Figure: 2.15

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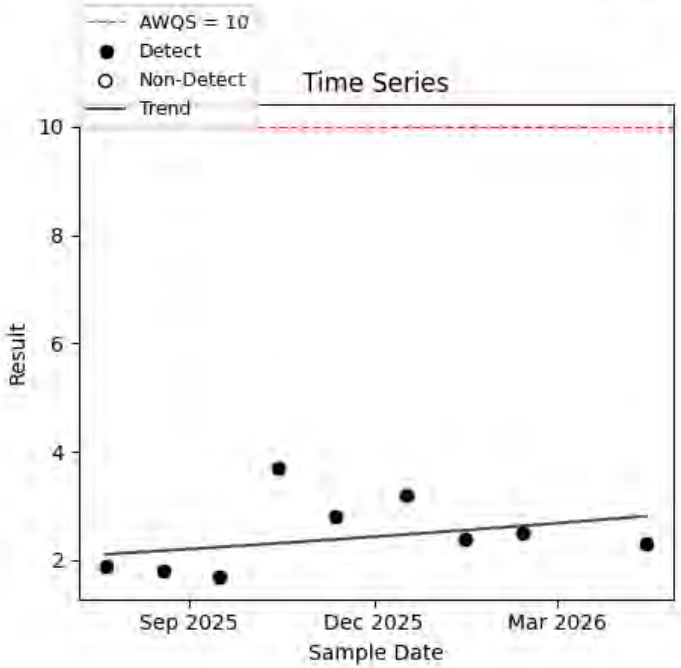
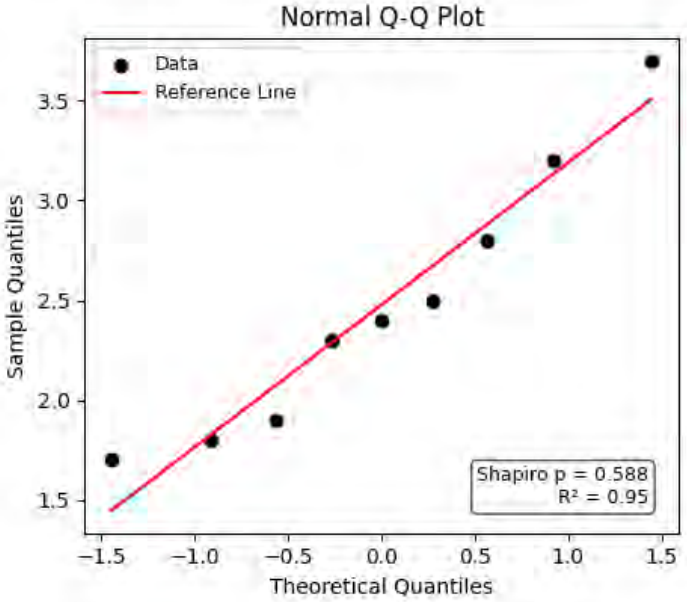
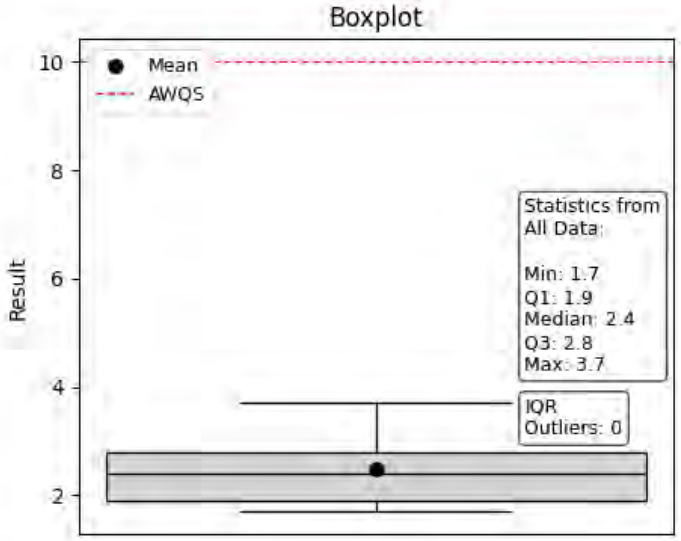
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Nitrate and Nitrite Sum







Well ID: POC-02
Constituent: Nitrate and Nitrite Sum
Units: nan
N = 9

Detect Only Stats:
Mean = 2.48
Median = 2.4
Min = 1.7
Max = 3.7
StdDev = 0.667
95%ile = 3.5

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 4.5
UTL (log) = 5.33
UTL (np) = 3.7

Trend = no trend
MK p = 0.377
MK s = 4

Rosner
Outliers = 0
CV% = 26.91

AWQS = 10 nan

Figure: 2.16

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Helvetia, AZ

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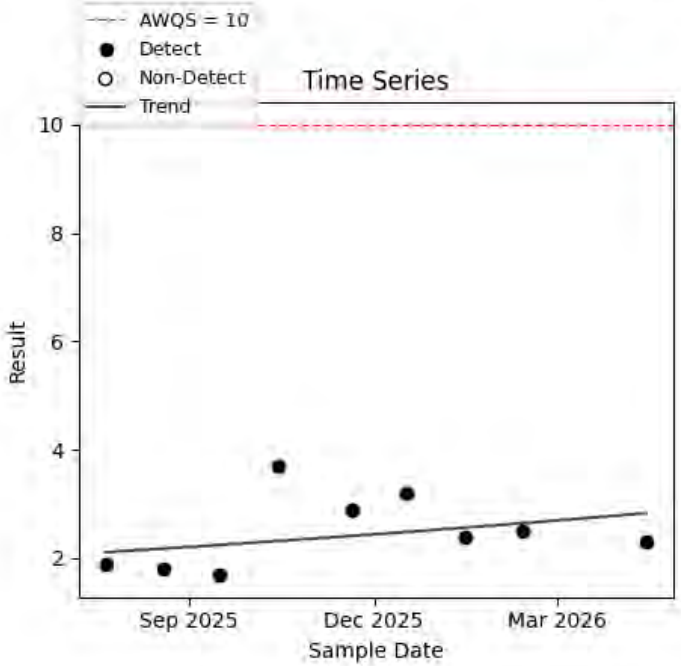
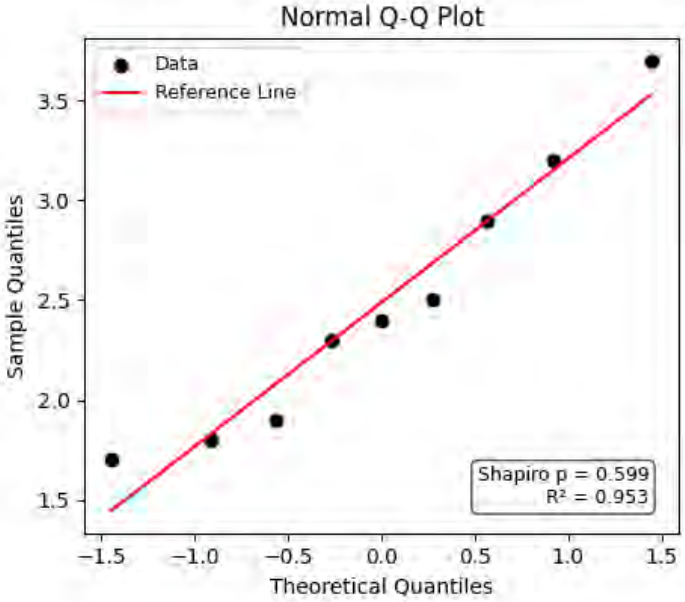
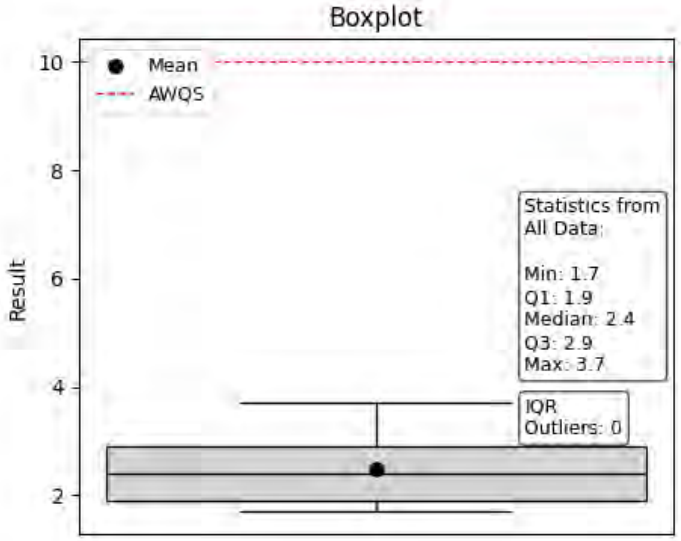
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Nitrogen, Nitrate (As N)







Well ID: POC-02
Constituent: Nitrogen, Nitrate (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 2.49
Median = 2.4
Min = 1.7
Max = 3.7
StdDev = 0.674
95%ile = 3.5

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 4.53
UTL (log) = 5.4
UTL (np) = 3.7

Trend = no trend
MK p = 0.377
MK s = 4

Rosner
Outliers = 0
CV% = 27.06

AWQS = 10 mg/L

Figure: 2.17

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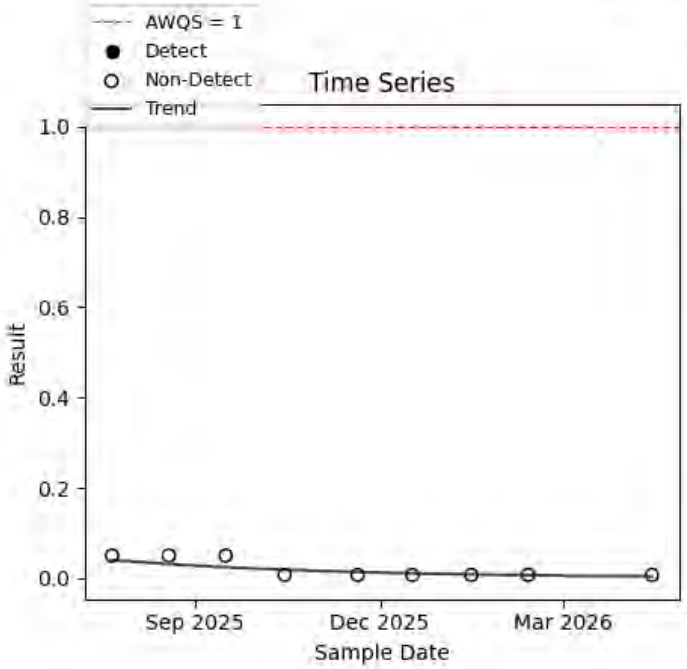
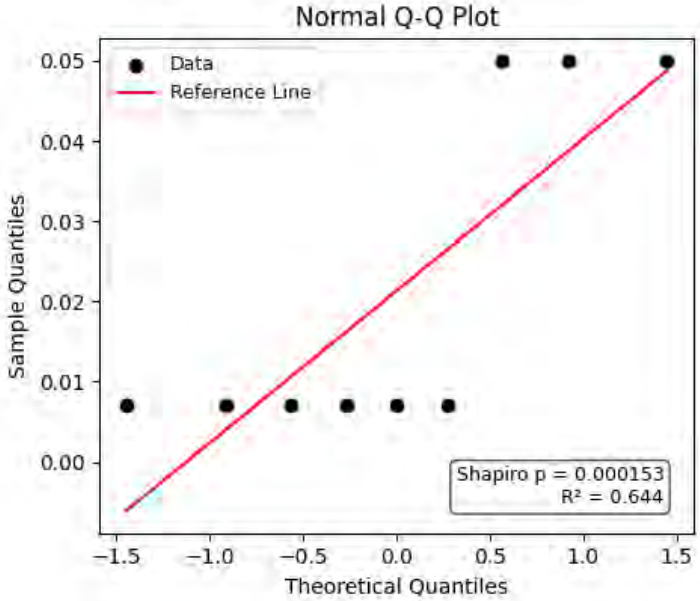
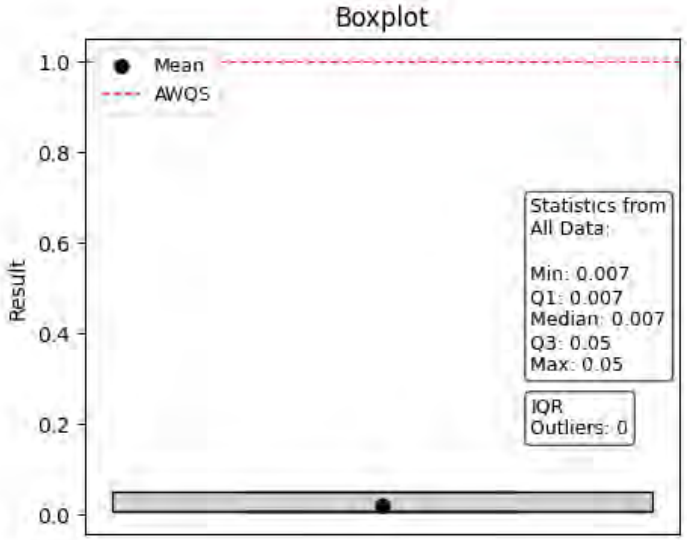
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Nitrogen, Nitrite (As N)







Well ID: POC-02
Constituent: Nitrogen, Nitrite (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0213
Median = 0.007
Min = 0.007
Max = 0.05
StdDev = 0.0215
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0865
UTL (log) = 0.265
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 100.78

AWQS = 1 mg/L

Figure: 2.18

Copper World, Inc.
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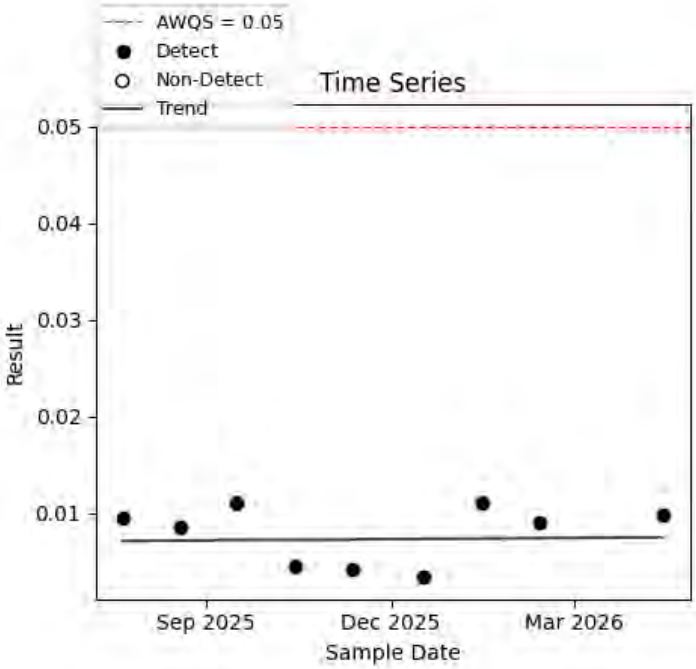
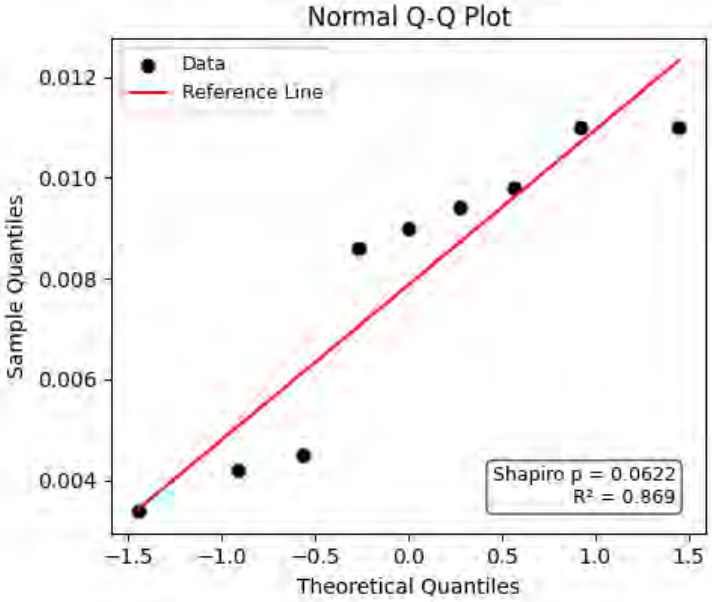
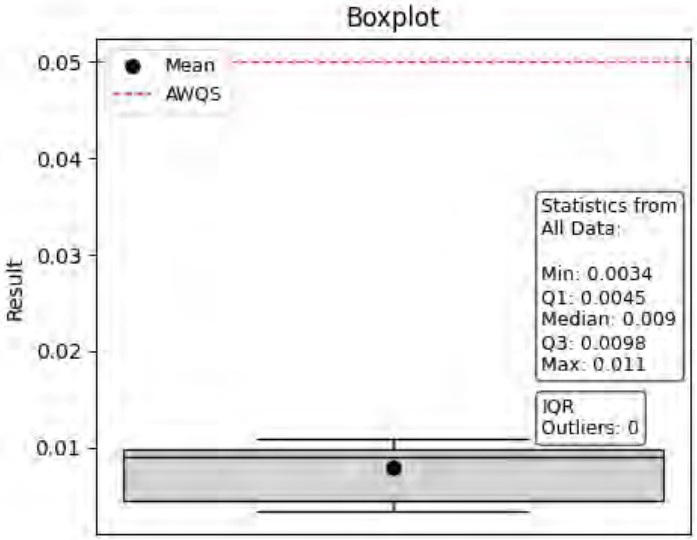
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Selenium







Well ID: POC-02
Constituent: Selenium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00788
Median = 0.009
Min = 0.0034
Max = 0.011
StdDev = 0.00301
95%ile = 0.011

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.017
UTL (log) = 0.0291
UTL (np) = 0.011

Trend = no trend
MK p = 0.5
MK s = -1

Rosner
Outliers = 0
CV% = 38.15

AWQS = 0.05 mg/L

Figure: 2.19

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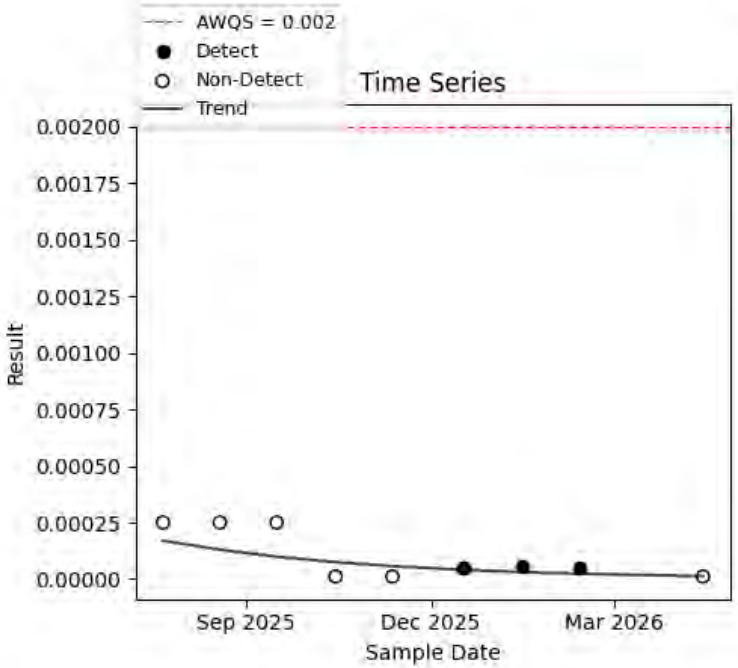
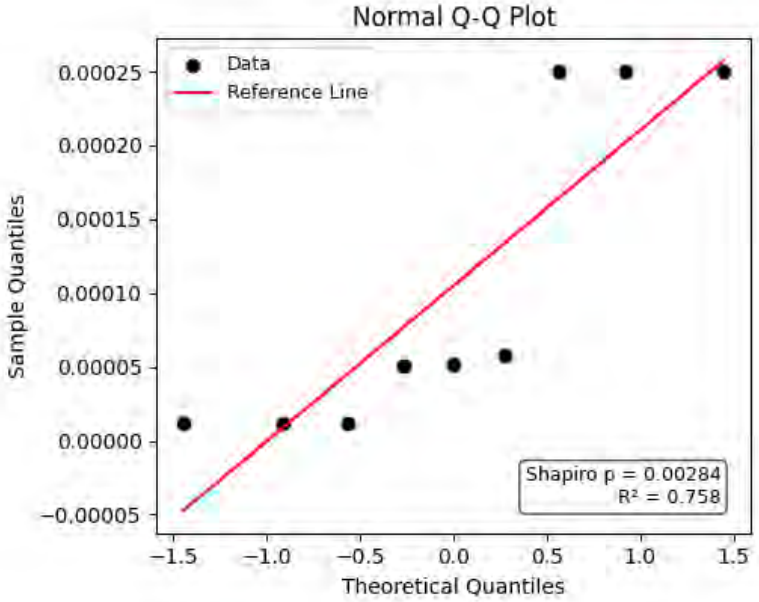
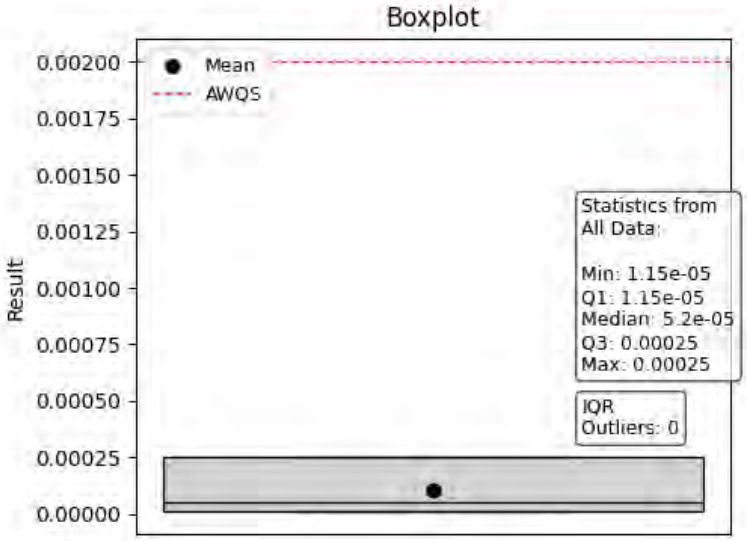
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Thallium







Well ID: POC-02
Constituent: Thallium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000105
Median = 5.2e-05
Min = 1.15e-05
Max = 0.00025
StdDev = 0.00011
95%ile = 0.00025

% Non Detects = 66.7%

Distribution = Normal
UTL (norm) = 0.000439
UTL (log) = 0.00305
UTL (np) = 0.00025

Trend = no trend
MK p = 0.0515
MK s = -16

Rosner
Outliers = 0
CV% = 104.94

AWQS = 0.002 mg/L

Figure: 2.20

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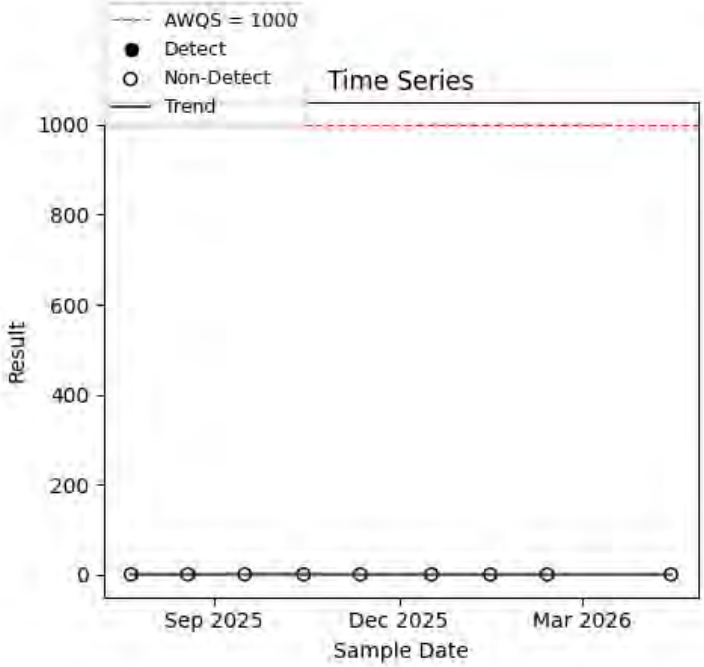
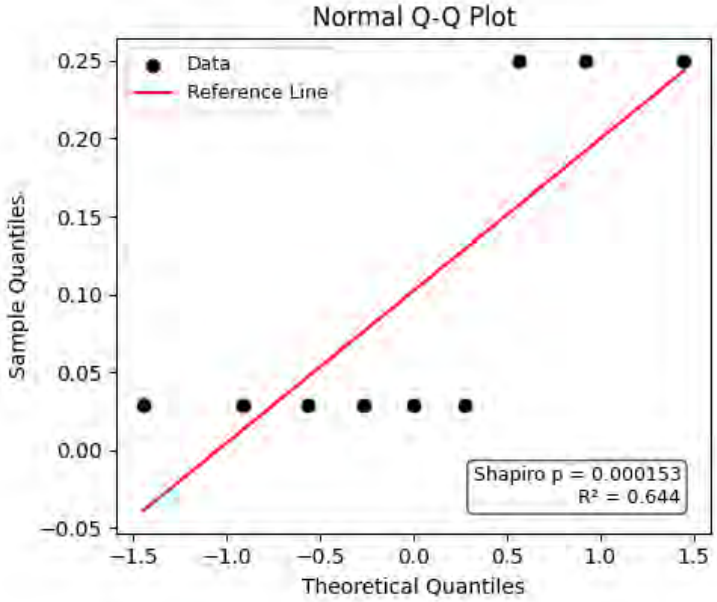
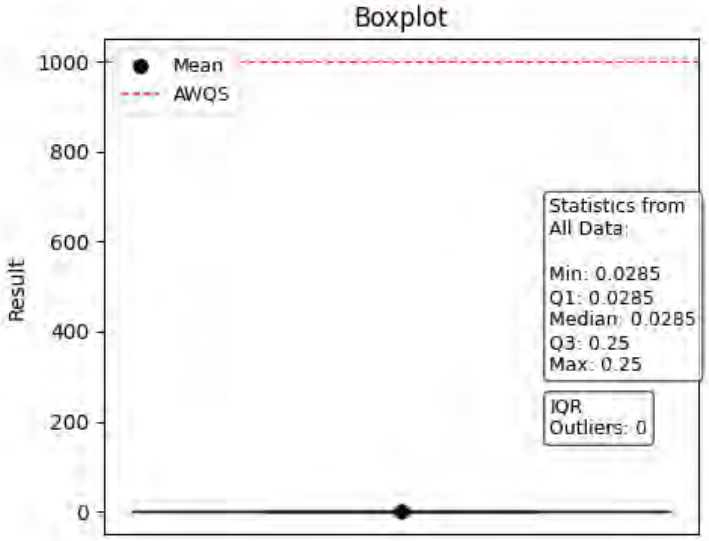
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Toluene







Well ID: POC-02
Constituent: Toluene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.102
Median = 0.0285
Min = 0.0285
Max = 0.25
StdDev = 0.111
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.438
UTL (log) = 1.58
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 108.22

AWQS = 1e+03 ug/L

Figure: 2.21

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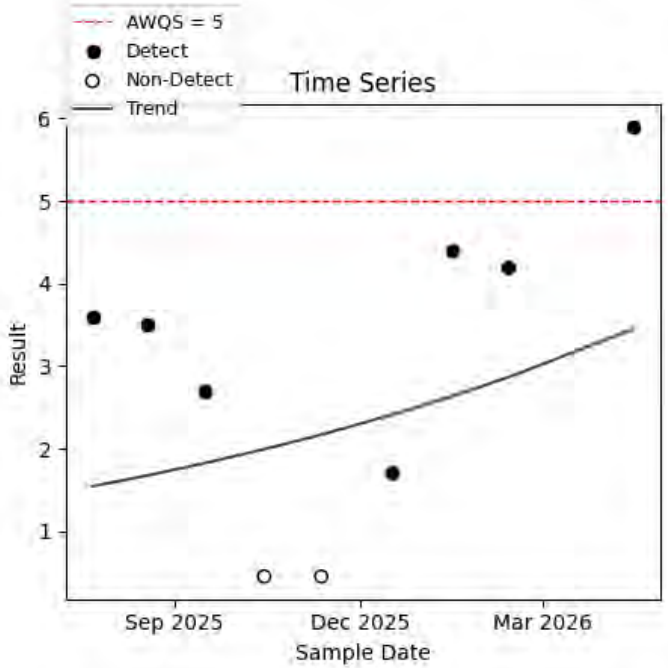
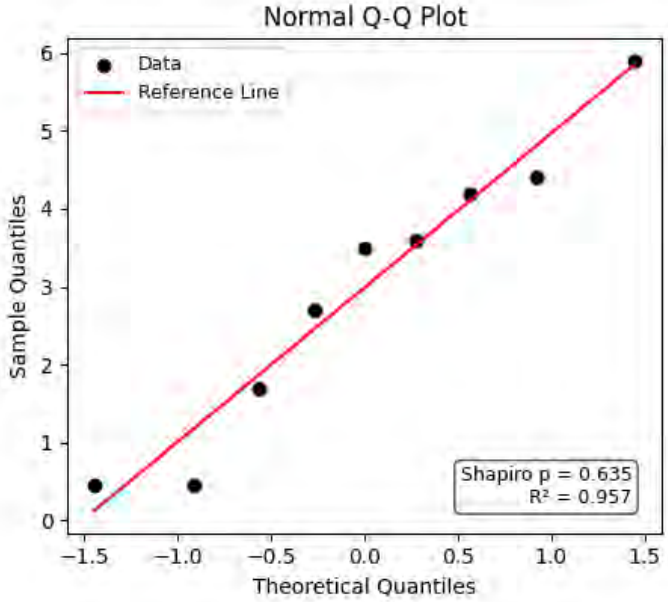
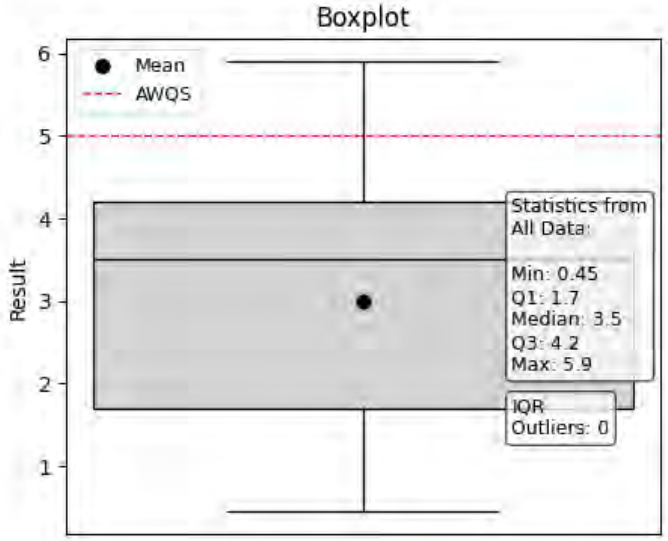
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Total Radium







⚠ **Exceeds AWQS**

Well ID: POC-02
Constituent: Total Radium
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 2.99
Median = 3.5
Min = 0.45
Max = 5.9
StdDev = 1.84
95%ile = 5.3

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 8.58
UTL (log) = 41.5
UTL (np) = 5.9

Trend = no trend
MK p = 0.201
MK s = 9

Rosner
Outliers = 0
CV% = 61.70

AWQS = 5 pCi/L

Figure: 2.22

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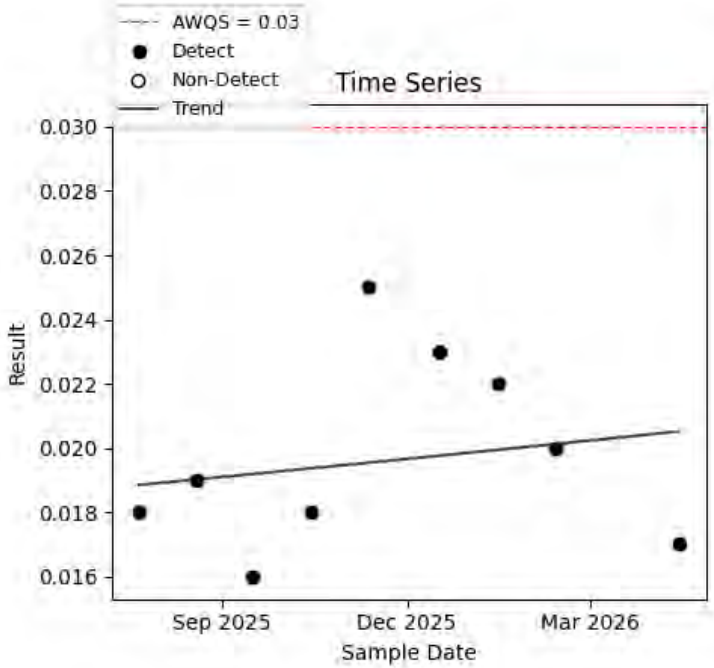
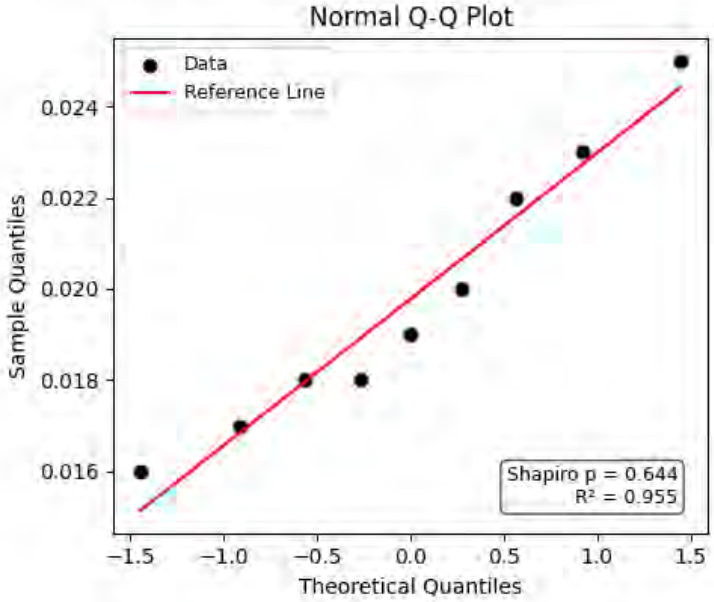
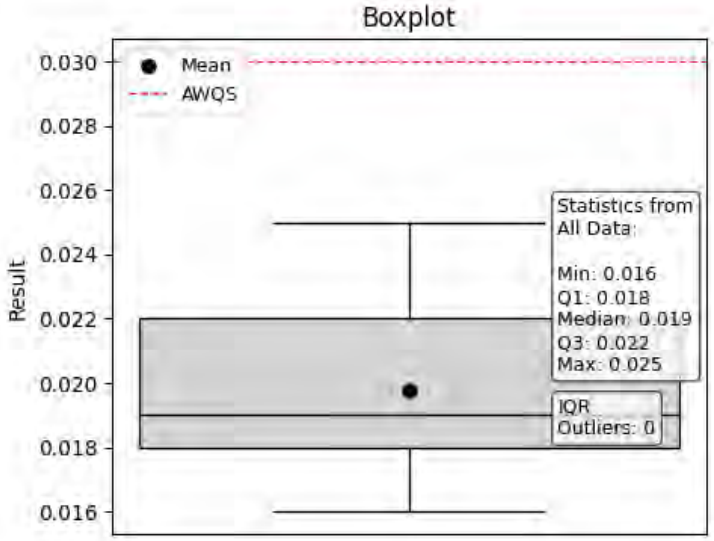
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Uranium








```
Well ID: POC-02                 Distribution = Normal
Constituent: Uranium            UTL (norm) = 0.0288
Units: mg/L                     UTL (log) = 0.0307
N = 9                           UTL (np) = 0.025

Detect Only Stats:              Trend = no trend
Mean = 0.0198                   MK p = 0.417
Median = 0.019                  MK s = 3
Min = 0.016
Max = 0.025                     Rosner
StdDev = 0.00299                Outliers = 0
95%ile = 0.0242                 CV% = 15.12

% Non Detects = 0.0%            AWQS = 0.03 mg/L
```

Figure: 2.23

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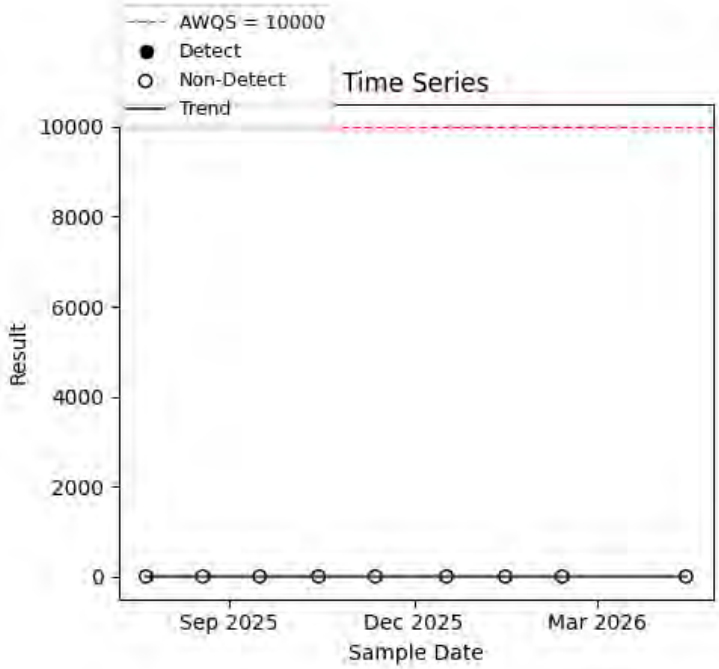
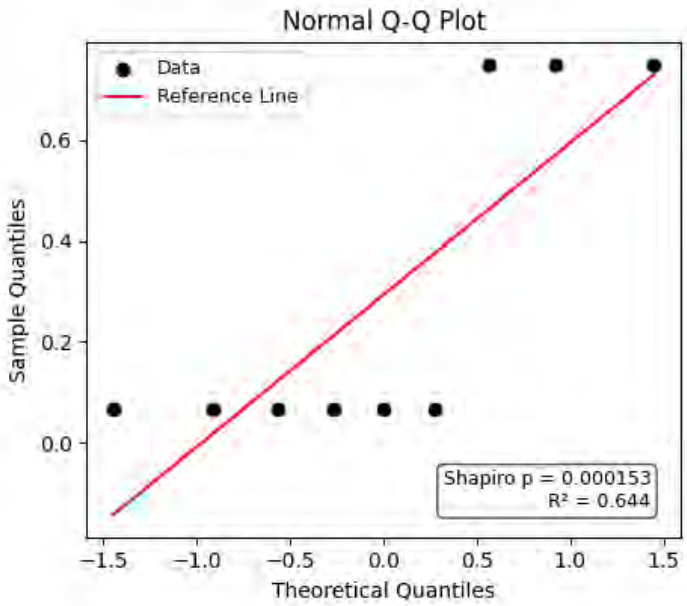
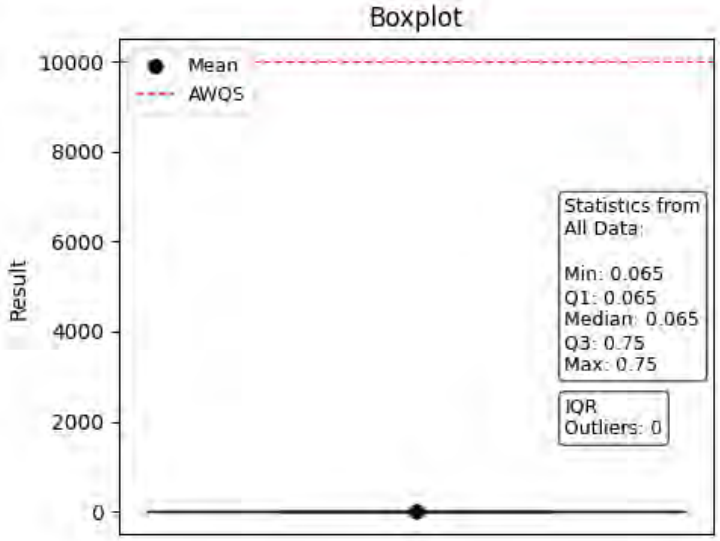
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-02 - Xylenes, Total







Well ID: POC-02
Constituent: Xylenes, Total
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.293
Median = 0.065
Min = 0.065
Max = 0.75
StdDev = 0.342
95%ile = 0.75

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 1.33
UTL (log) = 5.98
UTL (np) = 0.75

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 116.76

AWQS = 1e+04 ug/L

Figure: 2.24

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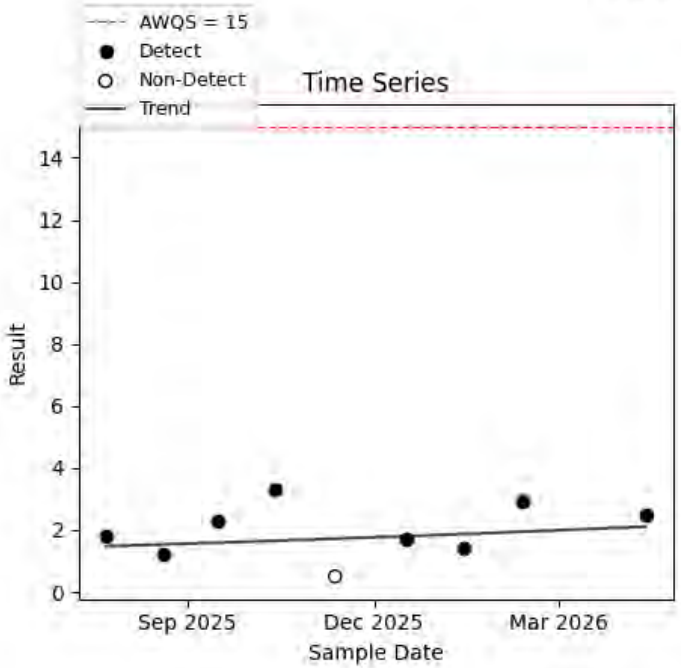
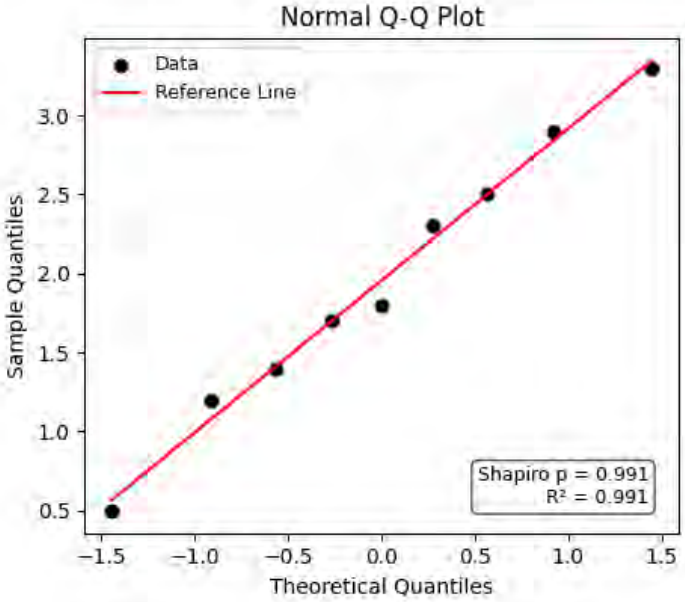
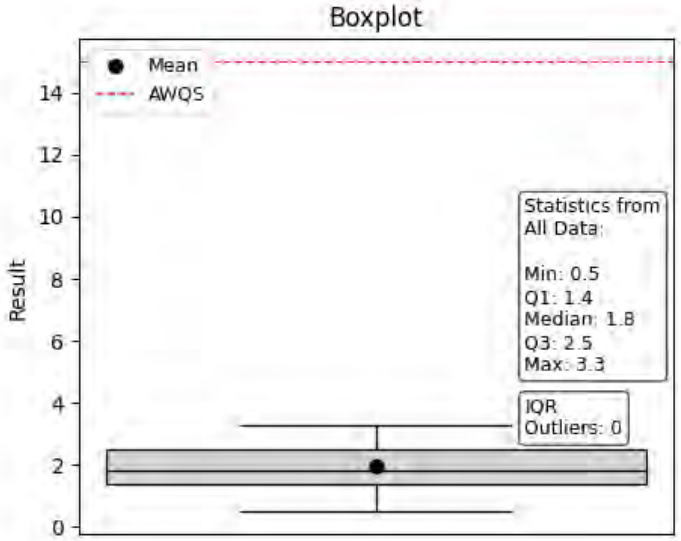
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Adjusted Gross Alpha







Well ID: POC-03
Constituent: Adjusted Gross Alpha
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 1.96
Median = 1.8
Min = 0.5
Max = 3.3
StdDev = 0.88
95%ile = 3.14

% Non Detects = 11.1%

Distribution = Normal
UTL (norm) = 4.62
UTL (log) = 9.83
UTL (np) = 3.3

Trend = no trend
MK p = 0.301
MK s = 6

Rosner
Outliers = 0
CV% = 45.03

AWQS = 15 pCi/L

Figure: 3.1

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Helvetia, AZ

Piteau Associates
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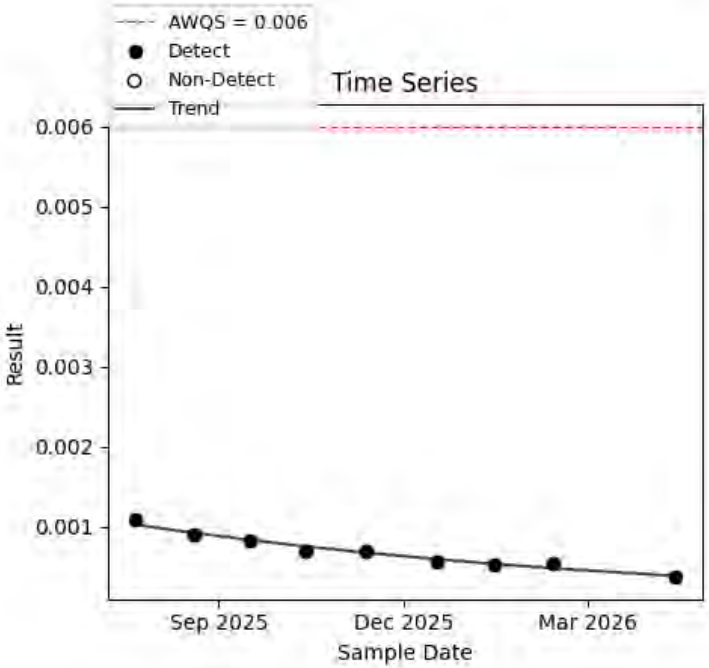
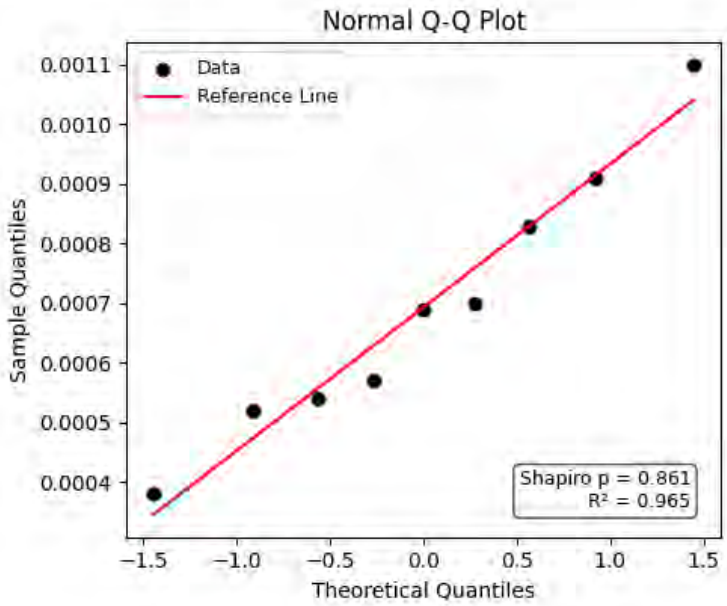
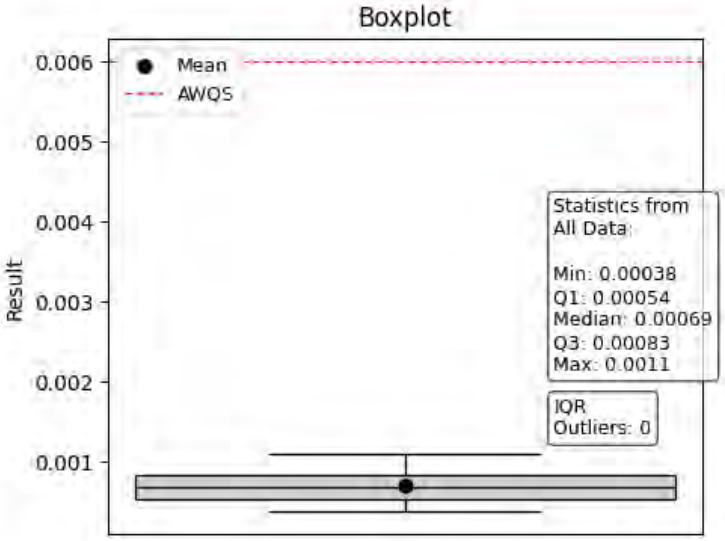
Approved: B. Giroux

POC-03 - Antimony







Well ID: POC-03
Constituent: Antimony
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000693
Median = 0.00069
Min = 0.00038
Max = 0.0011
StdDev = 0.000223
95%ile = 0.00102

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00137
UTL (log) = 0.00177
UTL (np) = 0.0011

Trend = decreasing
MK p = 0.00029
MK s = -34

Rosner
Outliers = 0
CV% = 32.17

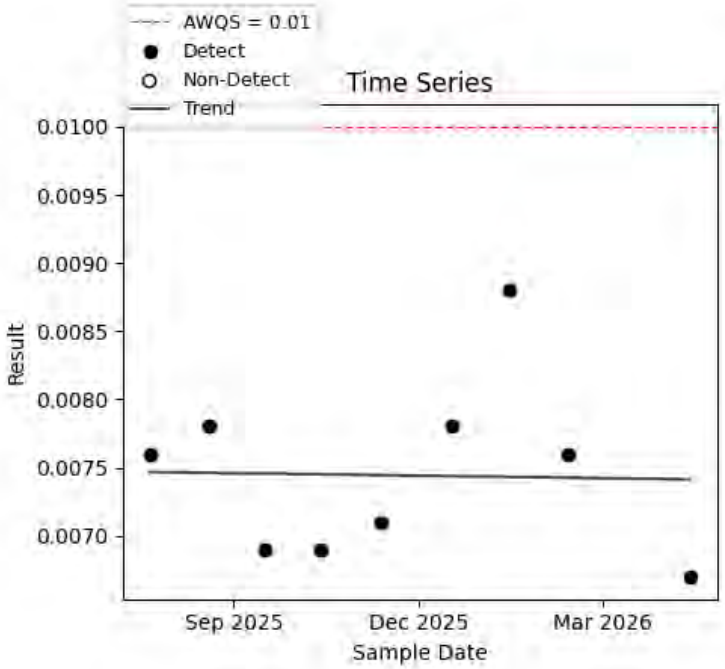
AWQS = 0.006 mg/L

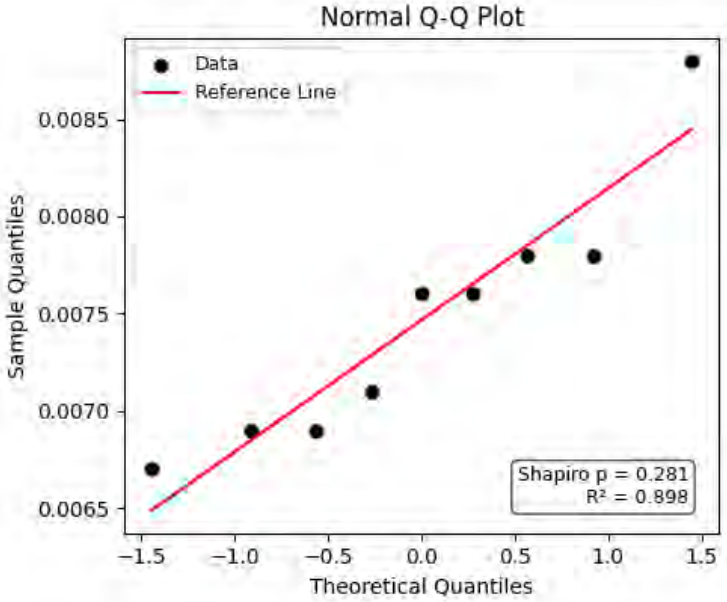
Figure: 3.2

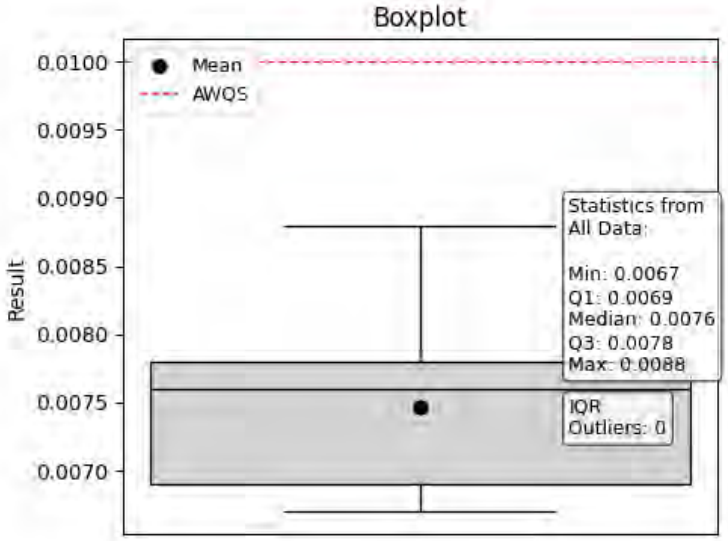
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Arsenic







Well ID: POC-03
Constituent: Arsenic
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00747
Median = 0.0076
Min = 0.0067
Max = 0.0088
StdDev = 0.000652
95%ile = 0.0084

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00944
UTL (log) = 0.00964
UTL (np) = 0.0088

Trend = no trend
MK p = 0.5
MK s = -1

Rosner
Outliers = 0
CV% = 8.73

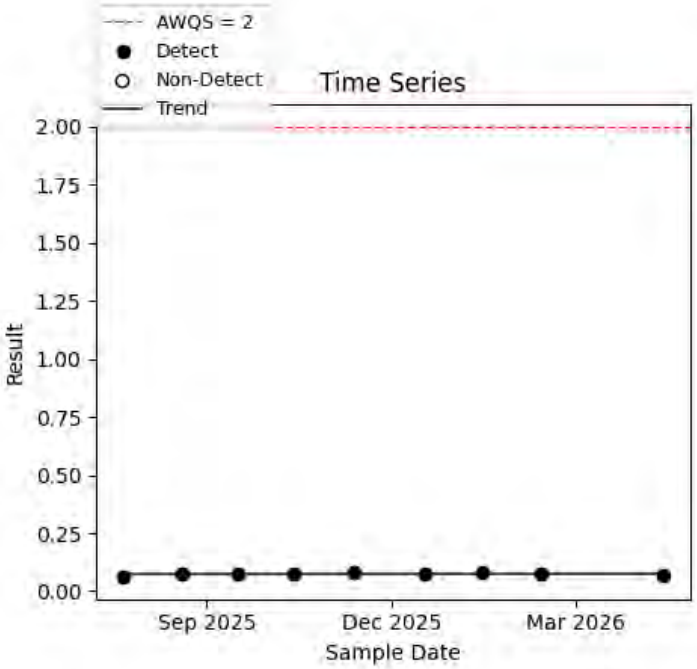
AWQS = 0.01 mg/L

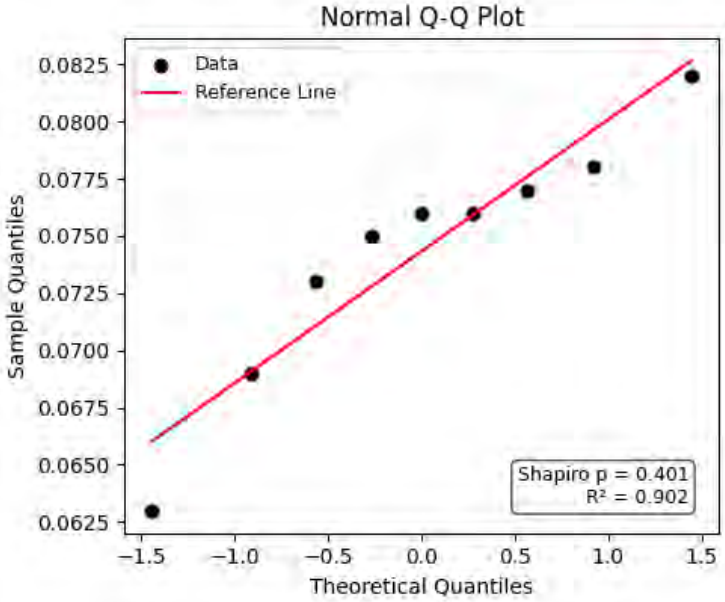
Figure: 3.3

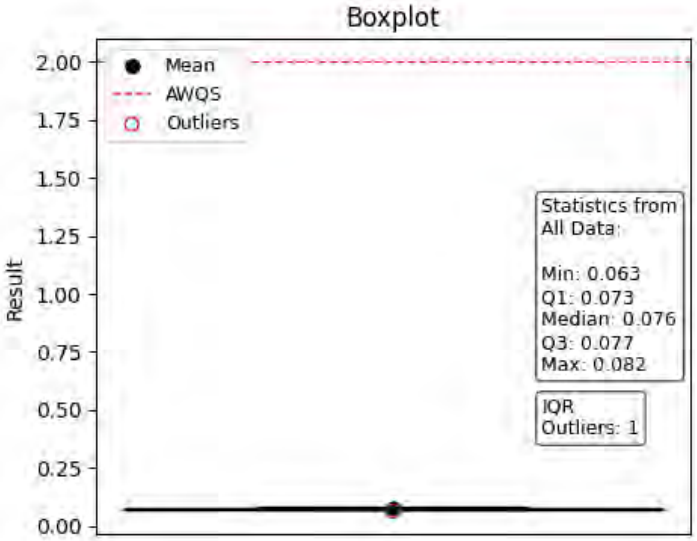
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Barium







Well ID: POC-03
Constituent: Barium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0743
Median = 0.076
Min = 0.063
Max = 0.082
StdDev = 0.00552
95%ile = 0.0804

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0911
UTL (log) = 0.0936
UTL (np) = 0.082

Trend = no trend
MK p = 0.5
MK s = -1

Rosner
Outliers = 0
CV% = 7.43

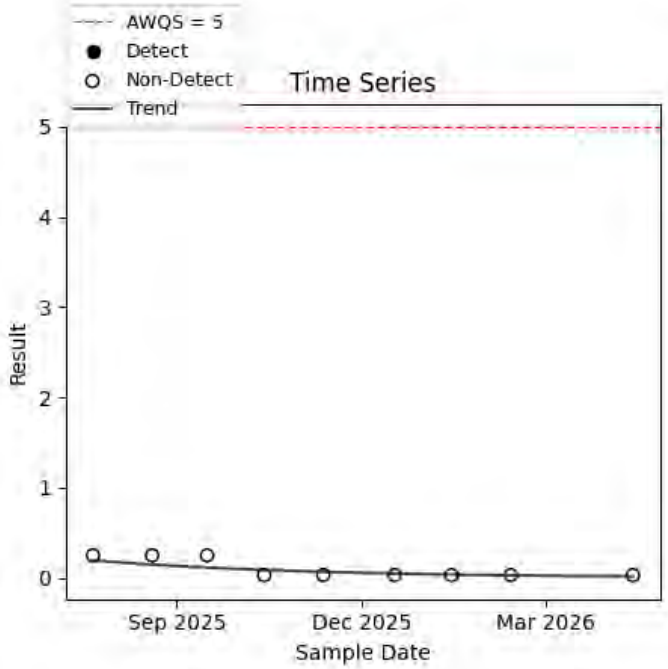
AWQS = 2 mg/L

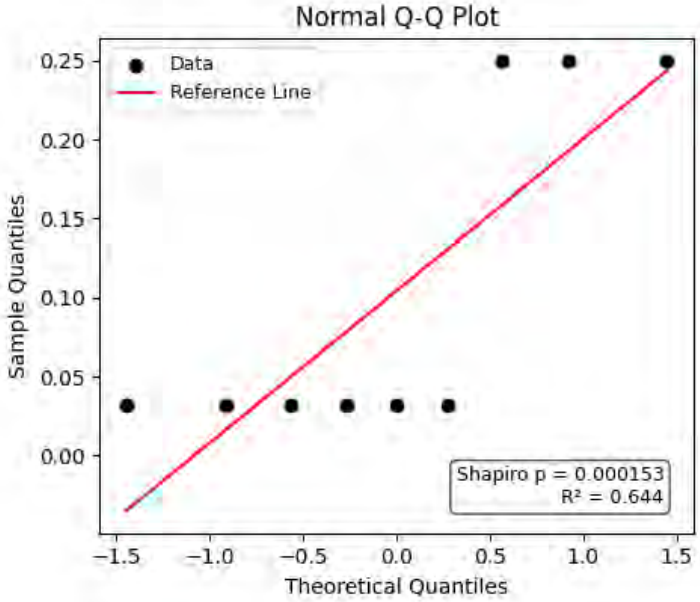
Figure: 3.4

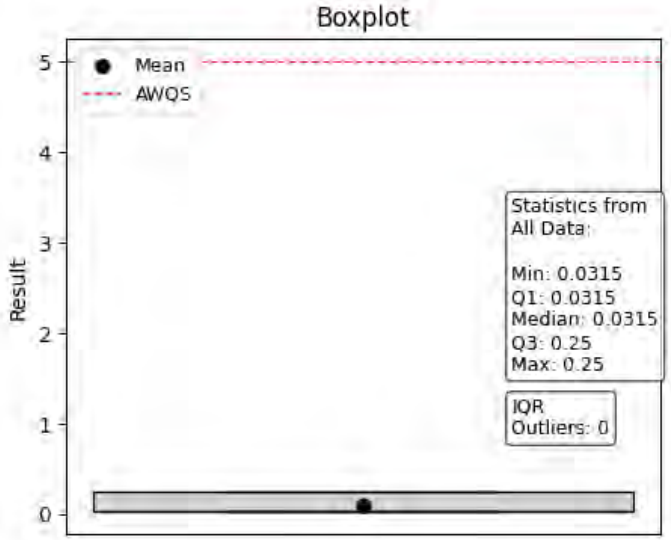
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Benzene







Well ID: POC-03
Constituent: Benzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.104
Median = 0.0315
Min = 0.0315
Max = 0.25
StdDev = 0.109
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.435
UTL (log) = 1.45
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 104.71

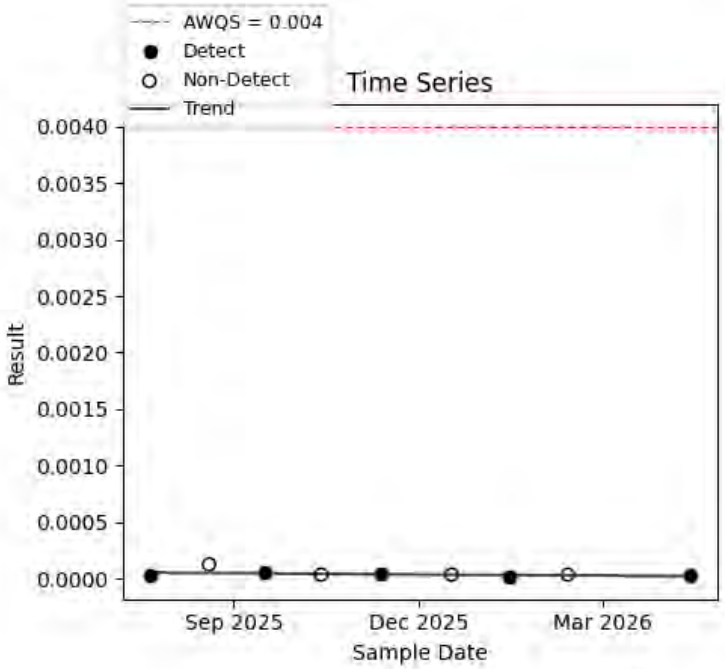
AWQS = 5 ug/L

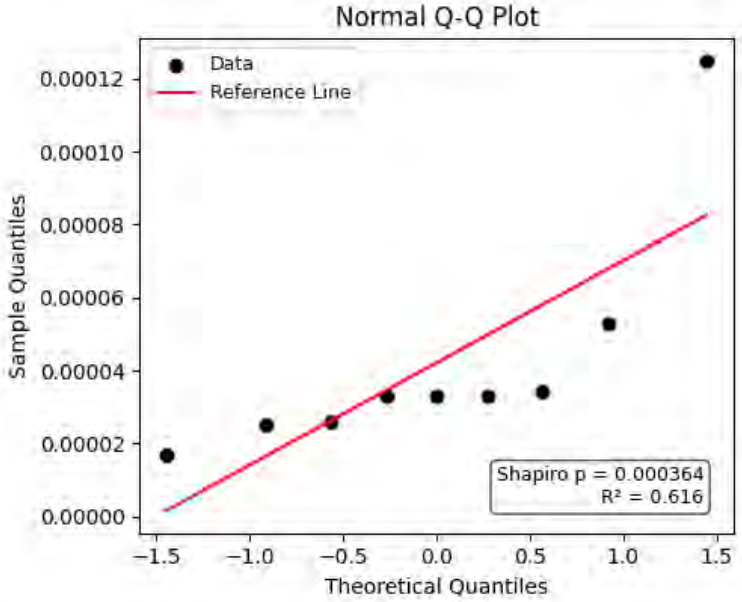
Figure: 3.5

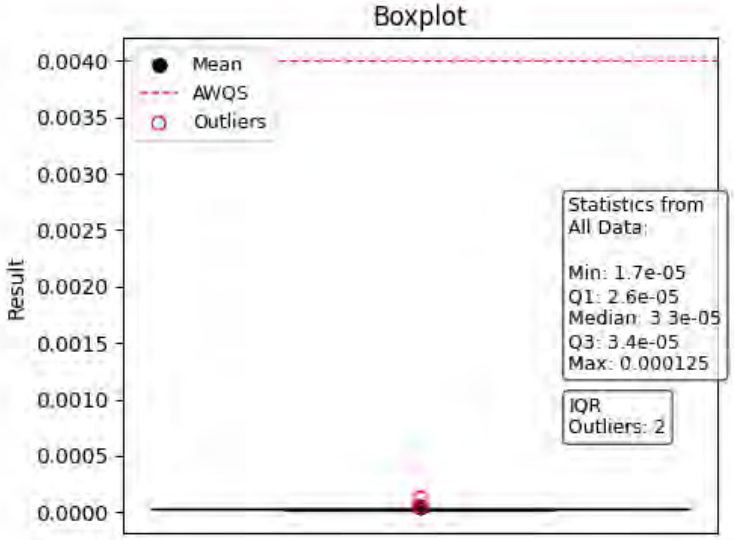
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Beryllium







Well ID: POC-03
Constituent: Beryllium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 4.21e-05
Median = 3.3e-05
Min = 1.7e-05
Max = 0.000125
StdDev = 3.26e-05
95%ile = 9.62e-05

% Non Detects = 44.4%

Distribution = Log-Normal
UTL (norm) = 0.000141
UTL (log) = 0.000195
UTL (np) = 0.000125

Trend = no trend
MK p = 0.0682
MK s = -15

Rosner
Outliers = 1
CV% = 77.35

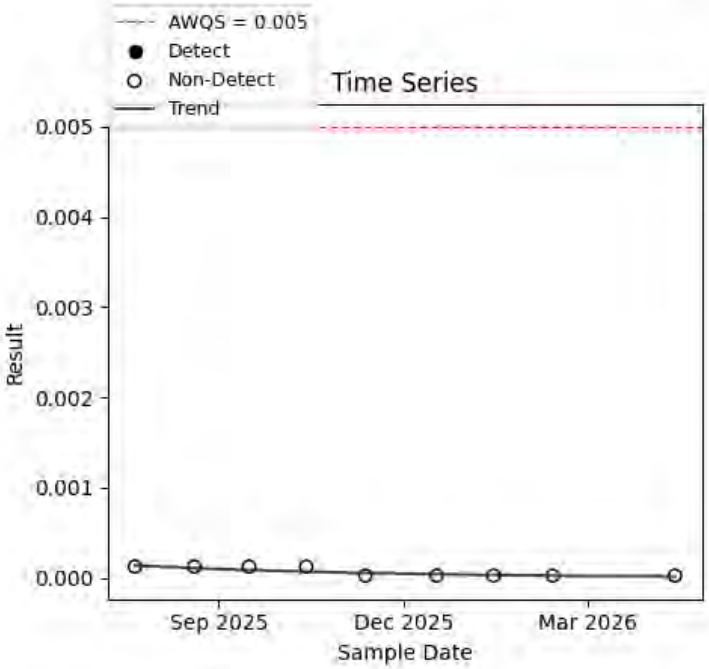
AWQS = 0.004 mg/L

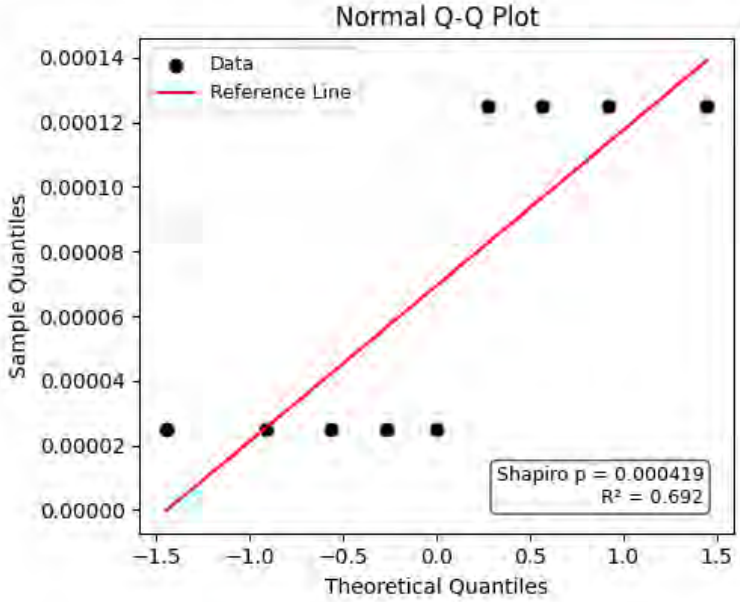
Figure: 3.6

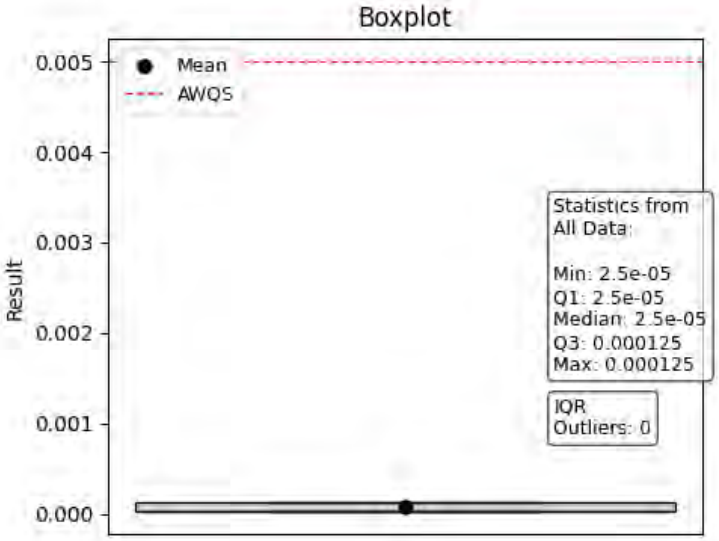
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Cadmium







Well ID: POC-03
Constituent: Cadmium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 6.94e-05
Median = 2.5e-05
Min = 2.5e-05
Max = 0.000125
StdDev = 5.27e-05
95%ile = 0.000125

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.000229
UTL (log) = 0.000669
UTL (np) = 0.000125

Trend = decreasing
MK p = 0.00998
MK s = -20

Rosner
Outliers = 0
CV% = 75.89

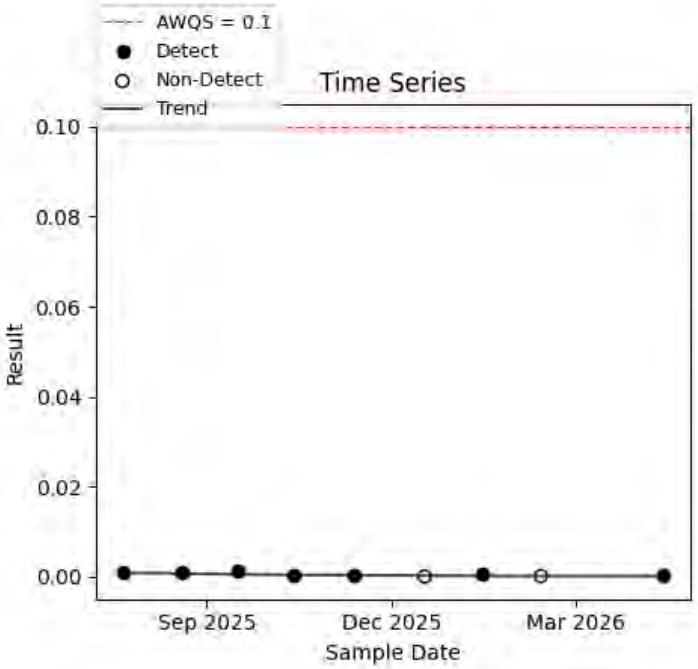
AWQS = 0.005 mg/L

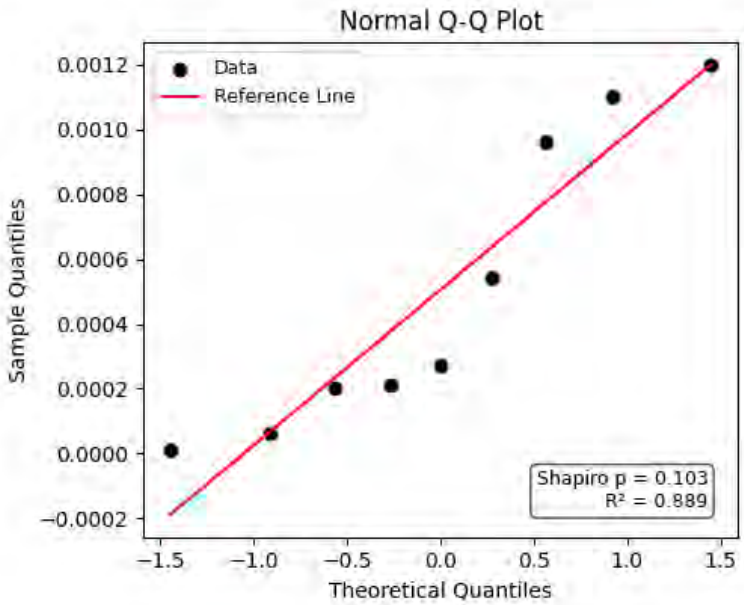
Figure: 3.7

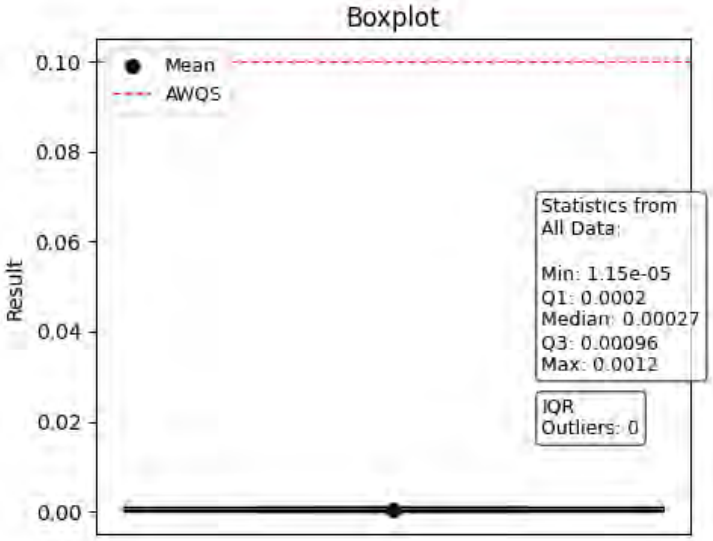
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Chromium







Well ID: POC-03
Constituent: Chromium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000506
Median = 0.00027
Min = 1.15e-05
Max = 0.0012
StdDev = 0.000464
95%ile = 0.00116

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 0.00191
UTL (log) = 0.0266
UTL (np) = 0.0012

Trend = decreasing
MK p = 0.0382
MK s = -18

Rosner
Outliers = 0
CV% = 91.74

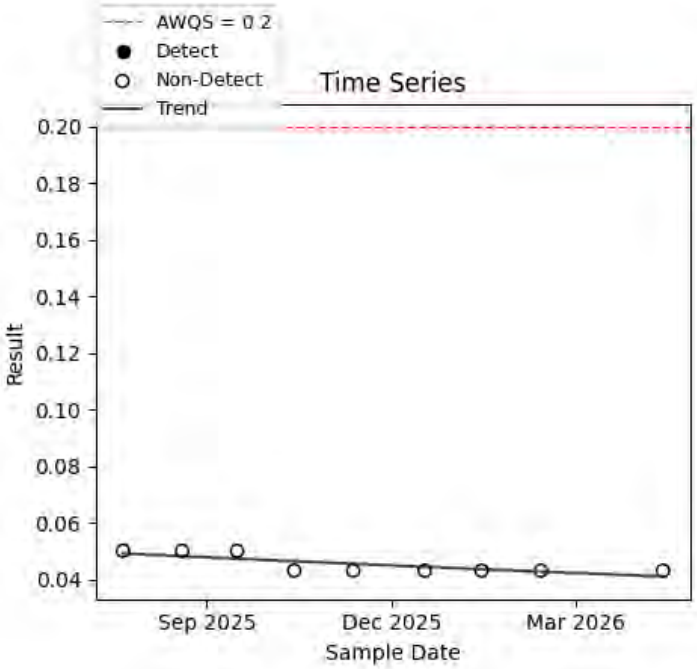
AWQS = 0.1 mg/L

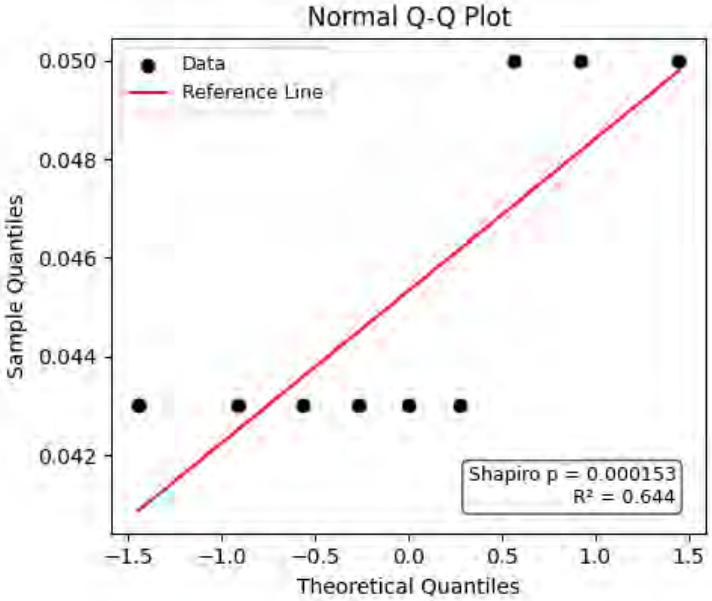
Figure: 3.8

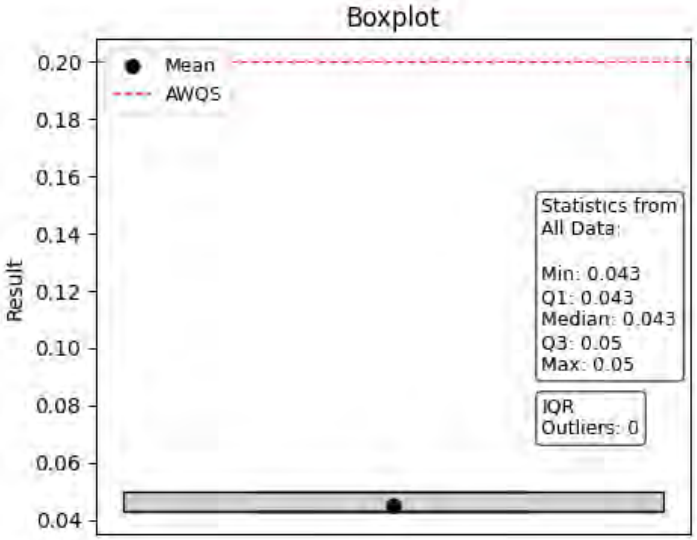
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Cyanide







Well ID: POC-03
Constituent: Cyanide
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0453
Median = 0.043
Min = 0.043
Max = 0.05
StdDev = 0.0035
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0559
UTL (log) = 0.0568
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 7.72

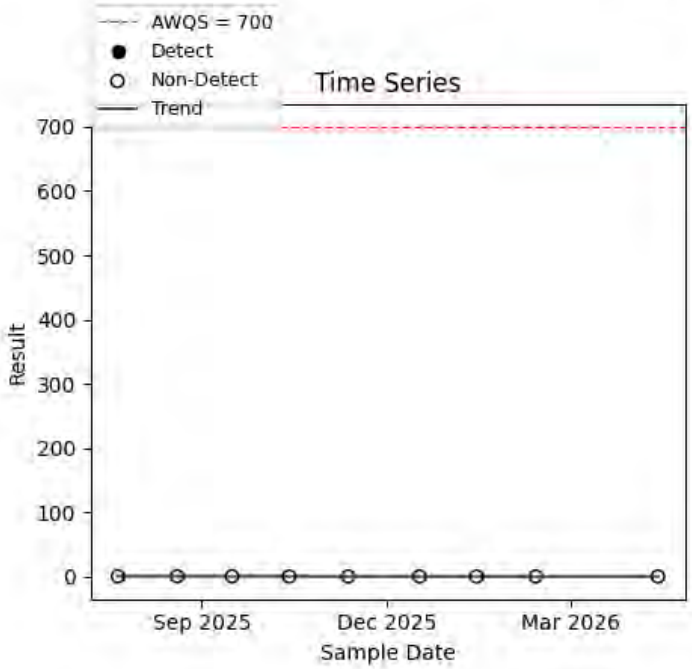
AWQS = 0.2 mg/L

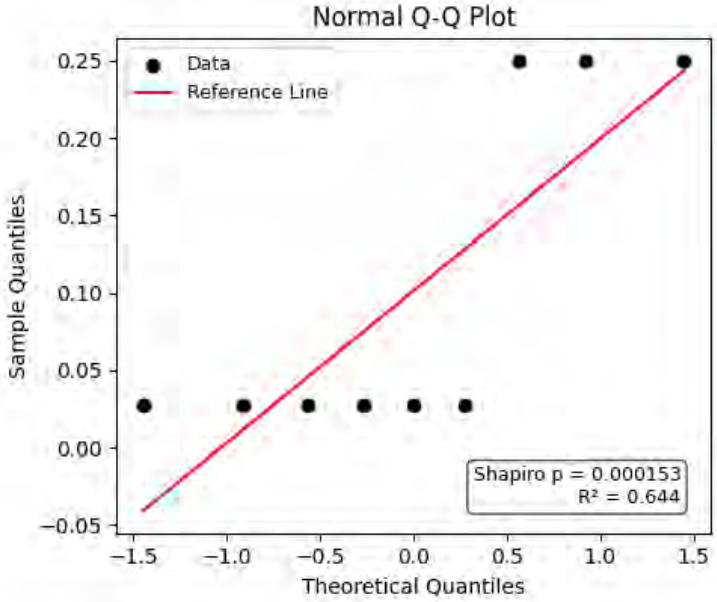
Figure: 3.9

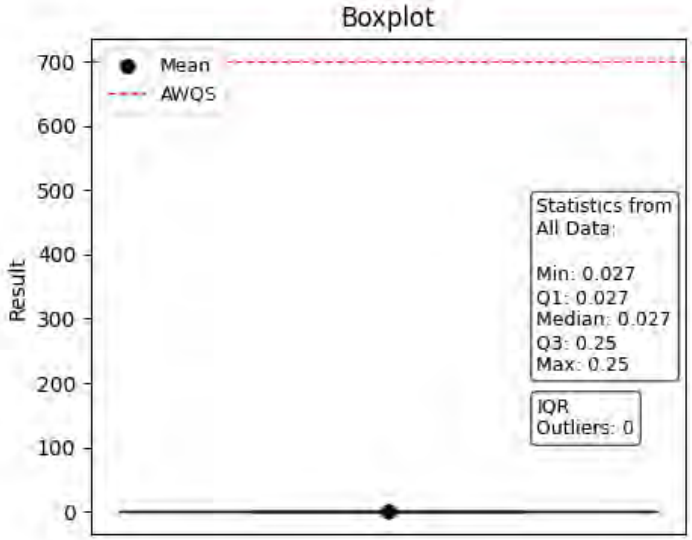
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Ethylbenzene







Well ID: POC-03
Constituent: Ethylbenzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.101
Median = 0.027
Min = 0.027
Max = 0.25
StdDev = 0.112
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.439
UTL (log) = 1.65
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 110.03

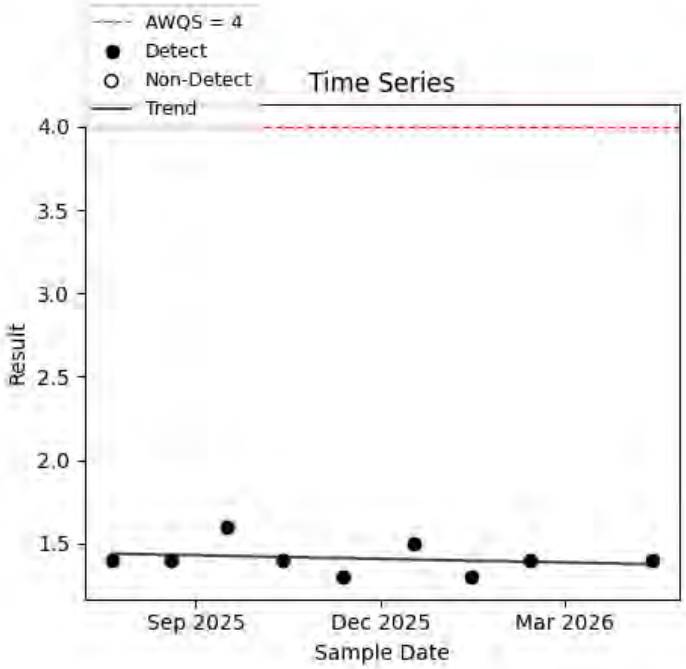
AWQS = 700 ug/L

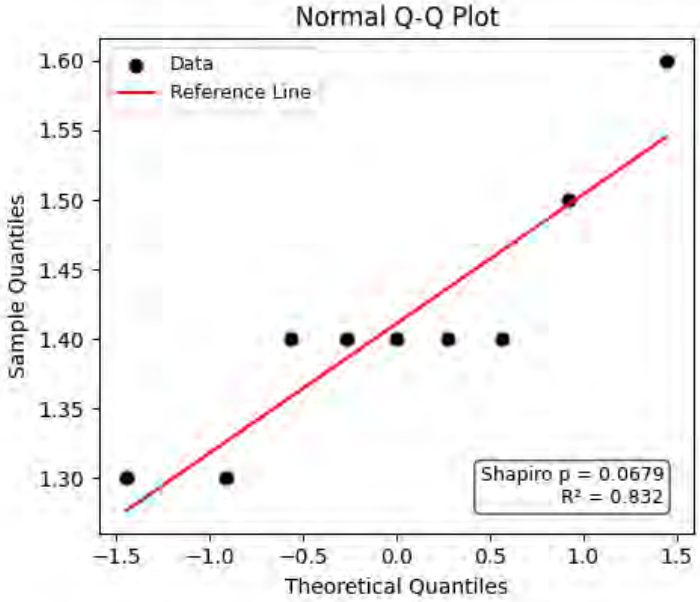
Figure: 3.10

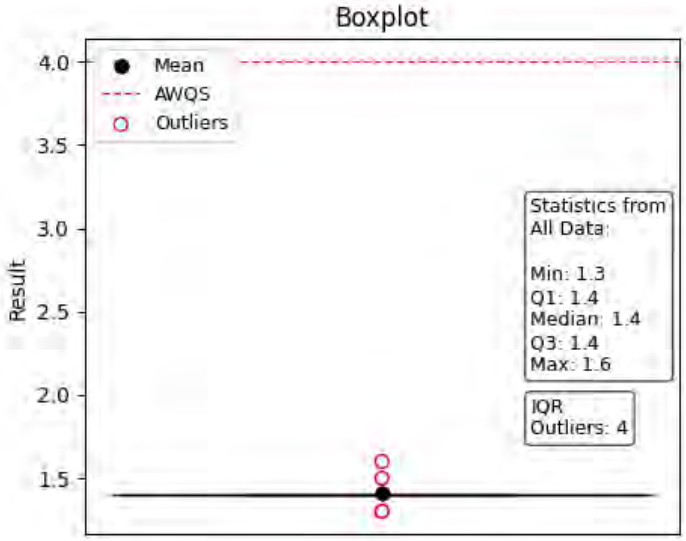
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Fluoride







Well ID: POC-03
Constituent: Fluoride
Units: mg/L
N = 9

Detect Only Stats:
Mean = 1.41
Median = 1.4
Min = 1.3
Max = 1.6
StdDev = 0.0928
95%ile = 1.56

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 1.69
UTL (log) = 1.71
UTL (np) = 1.6

Trend = no trend
MK p = 0.321
MK s = -5

Rosner
Outliers = 0
CV% = 6.58

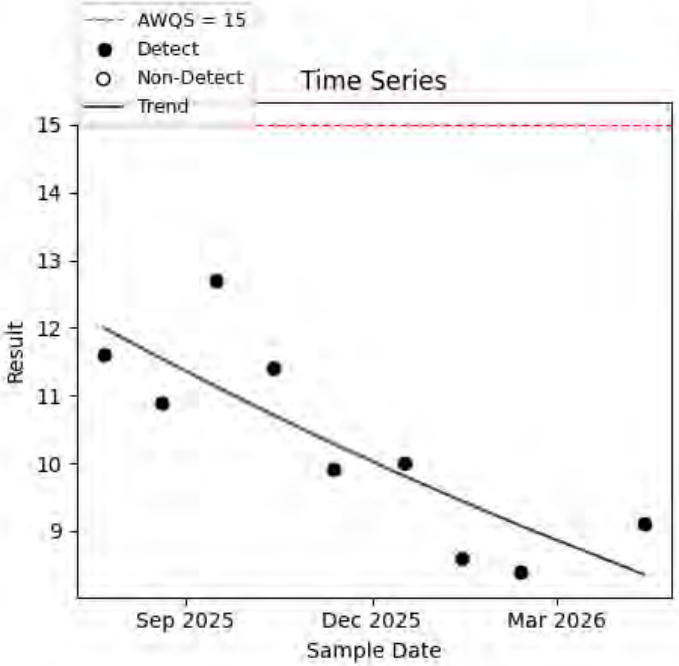
AWQS = 4 mg/L

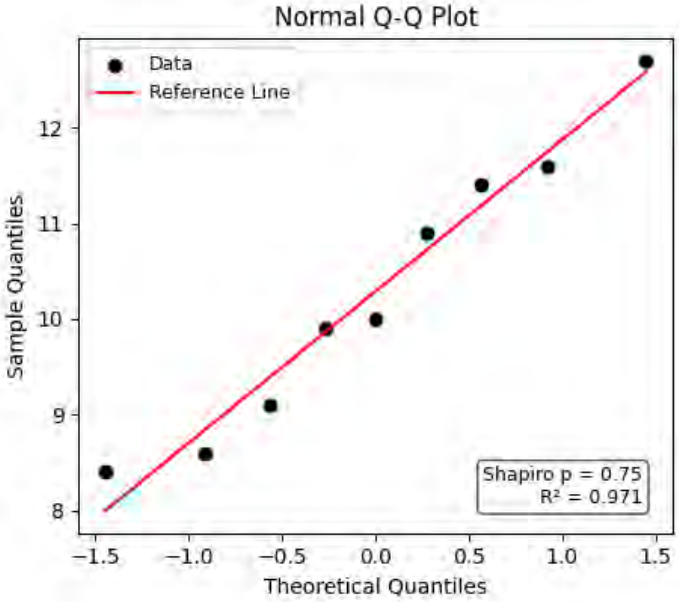
Figure: 3.11

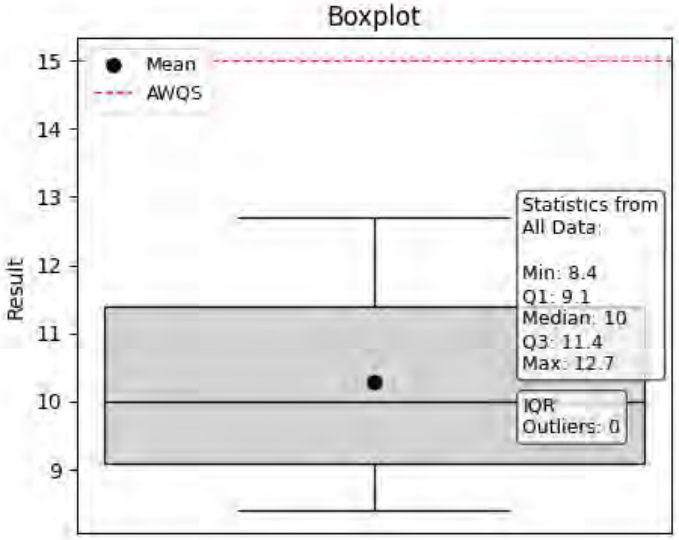
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Gross Alpha Activity







Well ID: POC-03
Constituent: Gross Alpha Activity
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 10.3
Median = 10
Min = 8.4
Max = 12.7
StdDev = 1.47
95%ile = 12.3

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 14.7
UTL (log) = 15.7
UTL (np) = 12.7

Trend = decreasing
MK p = 0.00824
MK s = -24

Rosner
Outliers = 0
CV% = 14.25

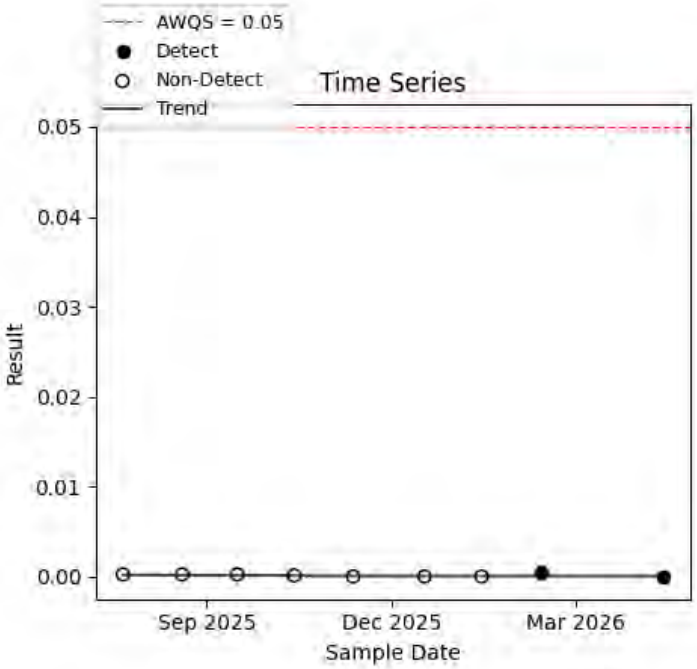
AWQS = 15 pCi/L

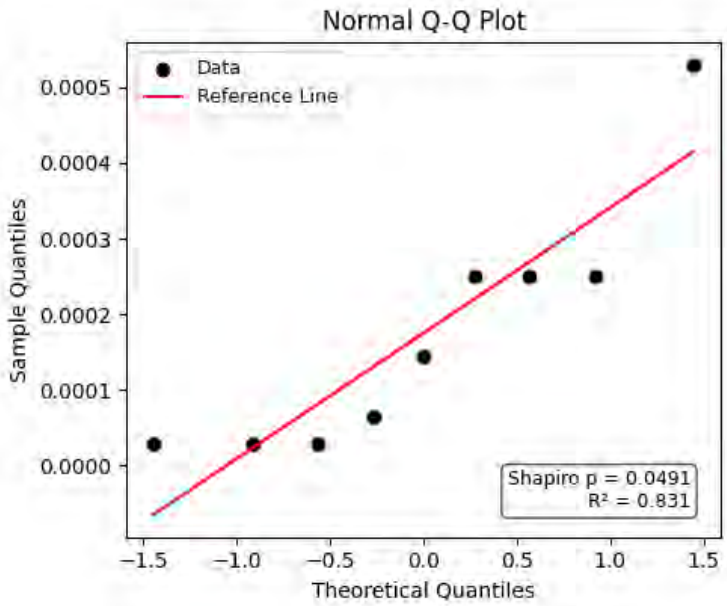
Figure: 3.12

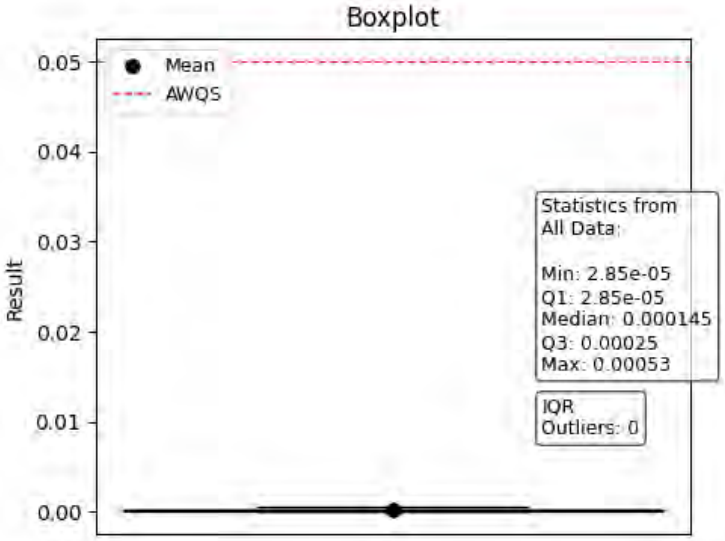
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Lead







Well ID: POC-03
Constituent: Lead
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000175
Median = 0.000145
Min = 2.85e-05
Max = 0.00053
StdDev = 0.000166
95%ile = 0.000418

% Non Detects = 77.8%

Distribution = Normal
UTL (norm) = 0.000678
UTL (log) = 0.00333
UTL (np) = 0.00053

Trend = no trend
MK p = 0.164
MK s = -10

Rosner
Outliers = 0
CV% = 94.79

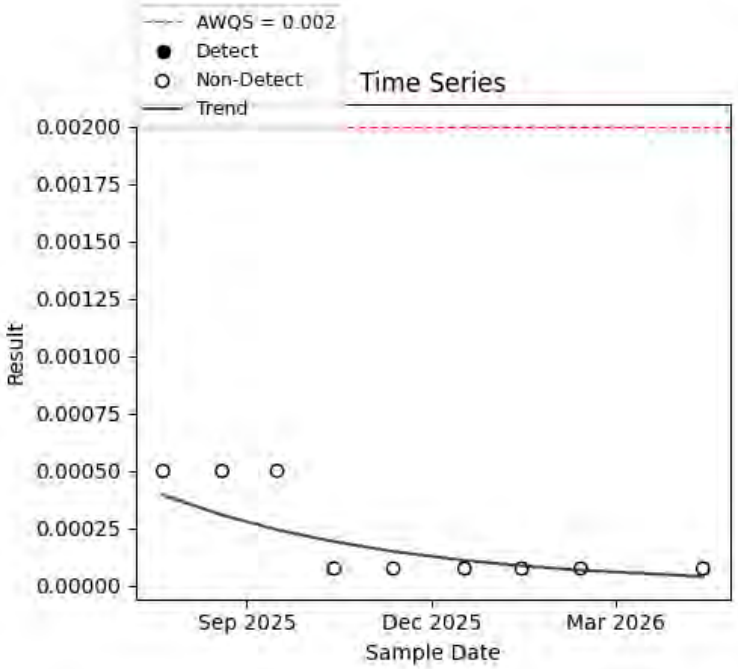
AWQS = 0.05 mg/L

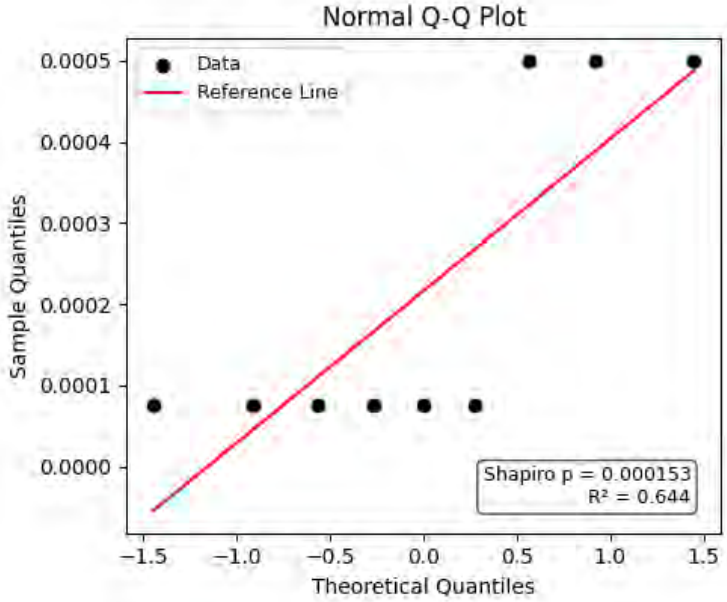
Figure: 3.13

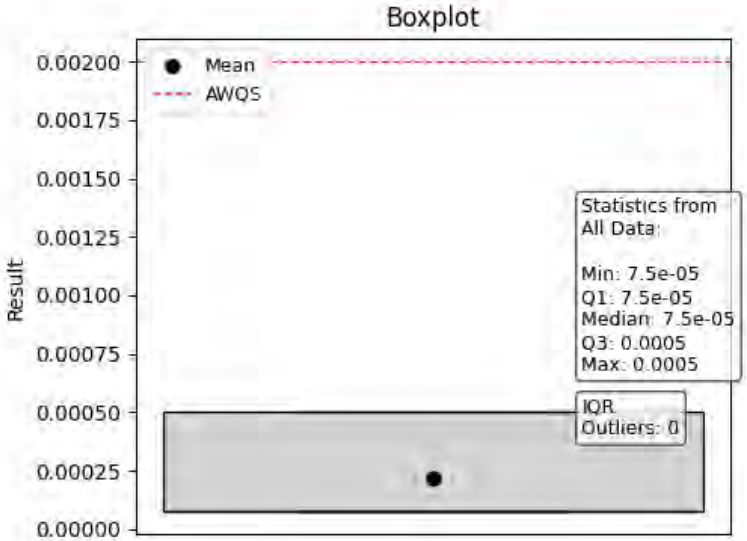
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Mercury







Well ID: POC-03
Constituent: Mercury
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000217
Median = 7.5e-05
Min = 7.5e-05
Max = 0.0005
StdDev = 0.000213
95%ile = 0.0005

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.000861
UTL (log) = 0.0025
UTL (np) = 0.0005

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 98.08

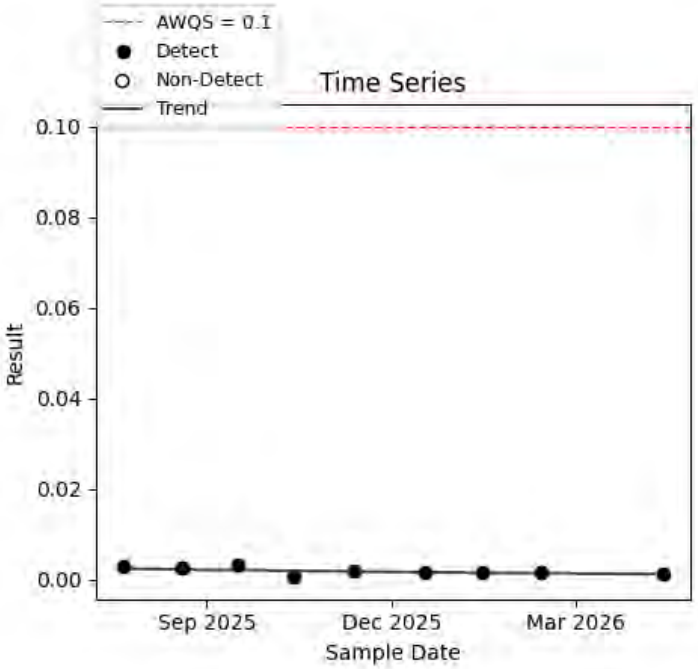
AWQS = 0.002 mg/L

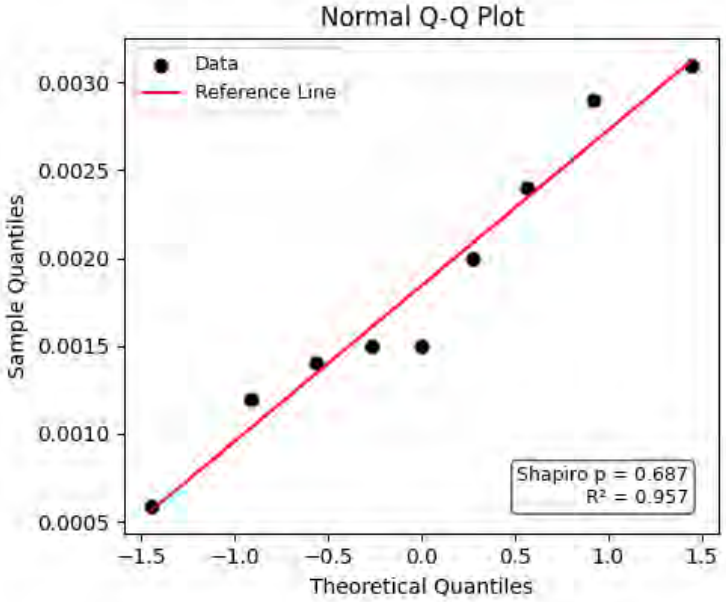
Figure: 3.14

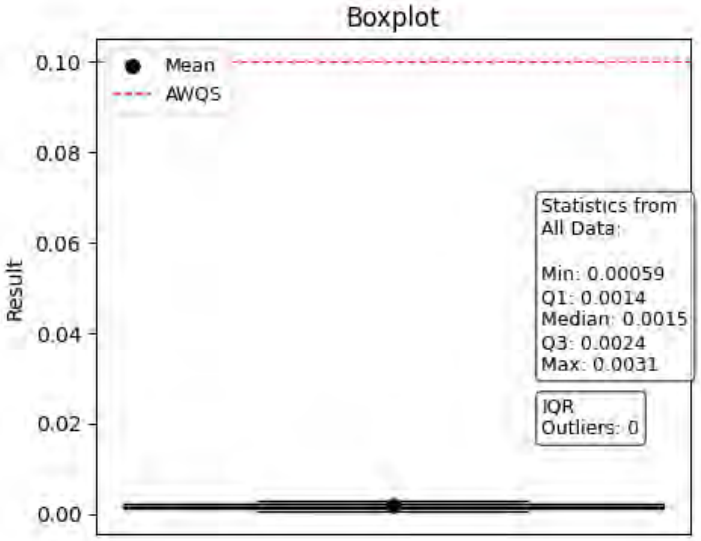
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Nickel







Well ID: POC-03
Constituent: Nickel
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00184
Median = 0.0015
Min = 0.00059
Max = 0.0031
StdDev = 0.000825
95%ile = 0.00302

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00434
UTL (log) = 0.00784
UTL (np) = 0.0031

Trend = decreasing
MK p = 0.0296
MK s = -19

Rosner
Outliers = 0
CV% = 44.76

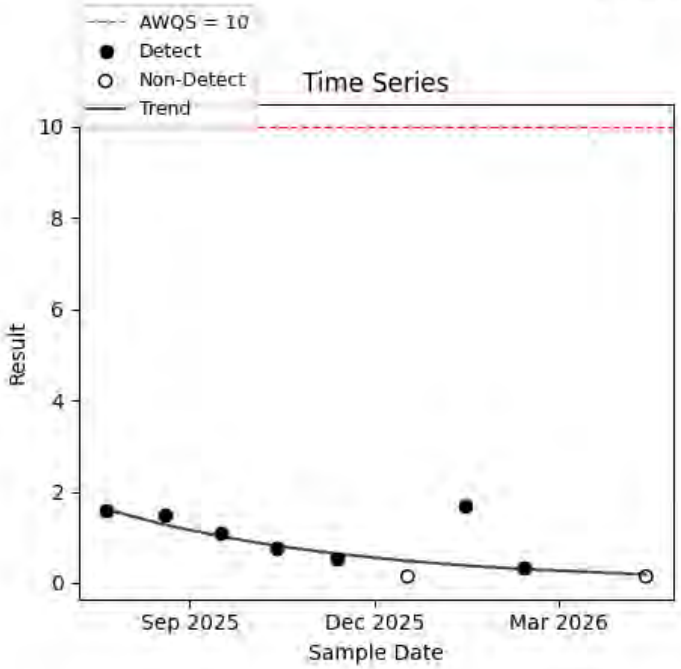
AWQS = 0.1 mg/L

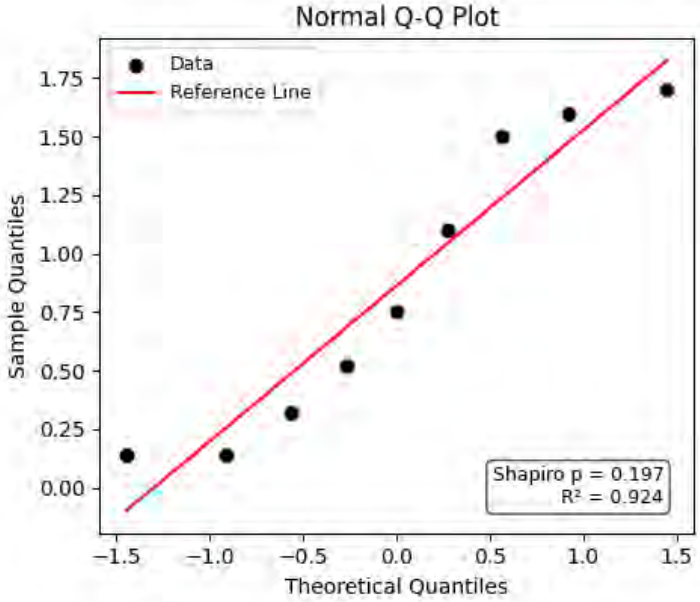
Figure: 3.15

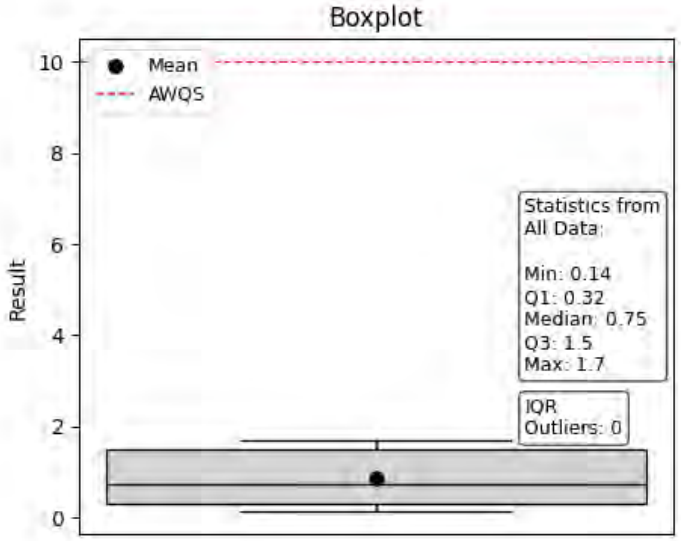
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Nitrate and Nitrite Sum







Well ID: POC-03
Constituent: Nitrate and Nitrite Sum
Units: nan
N = 9

Detect Only Stats:
Mean = 0.863
Median = 0.75
Min = 0.14
Max = 1.7
StdDev = 0.63
95%ile = 1.66

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 2.77
UTL (log) = 12.4
UTL (np) = 1.7

Trend = decreasing
MK p = 0.018
MK s = -21

Rosner
Outliers = 0
CV% = 72.99

AWQS = 10 nan

Figure: 3.16

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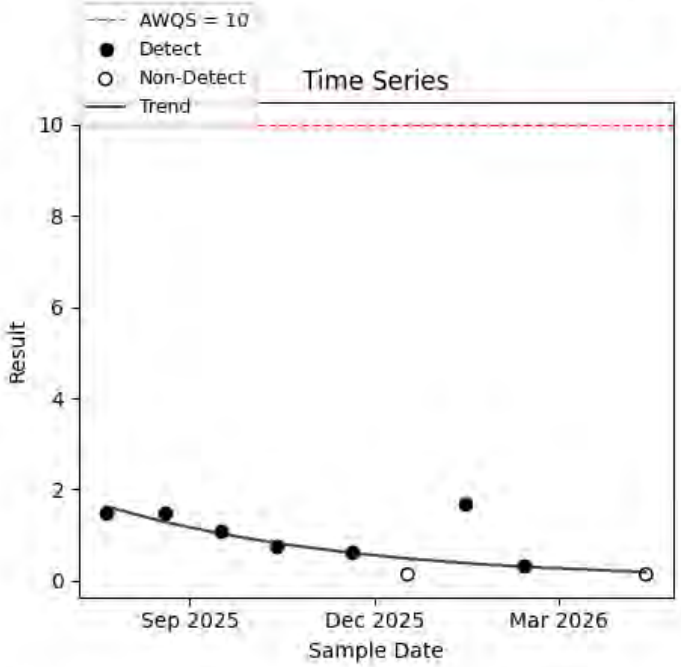
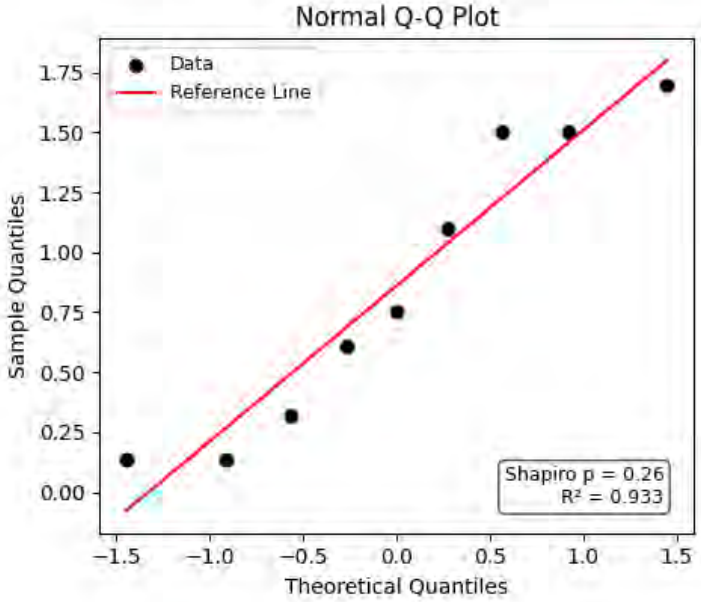
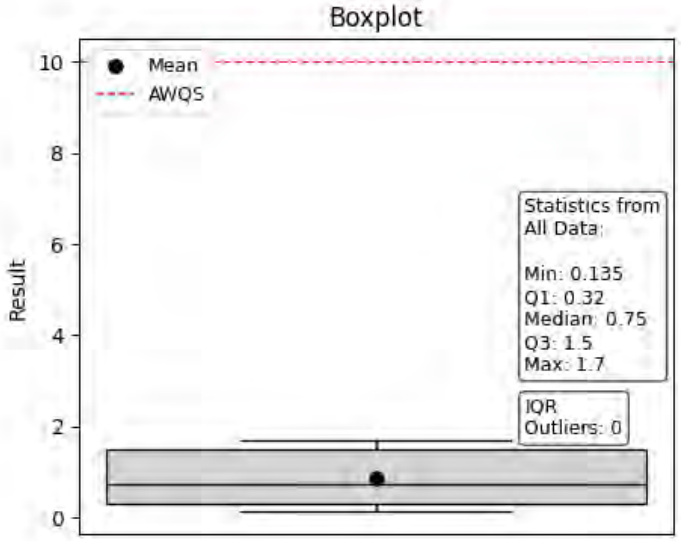
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Nitrogen, Nitrate (As N)







Well ID: POC-03
Constituent: Nitrogen, Nitrate (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.861
Median = 0.75
Min = 0.135
Max = 1.7
StdDev = 0.612
95%ile = 1.62

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 2.72
UTL (log) = 12.6
UTL (np) = 1.7

Trend = decreasing
MK p = 0.0226
MK s = -20

Rosner
Outliers = 0
CV% = 71.11

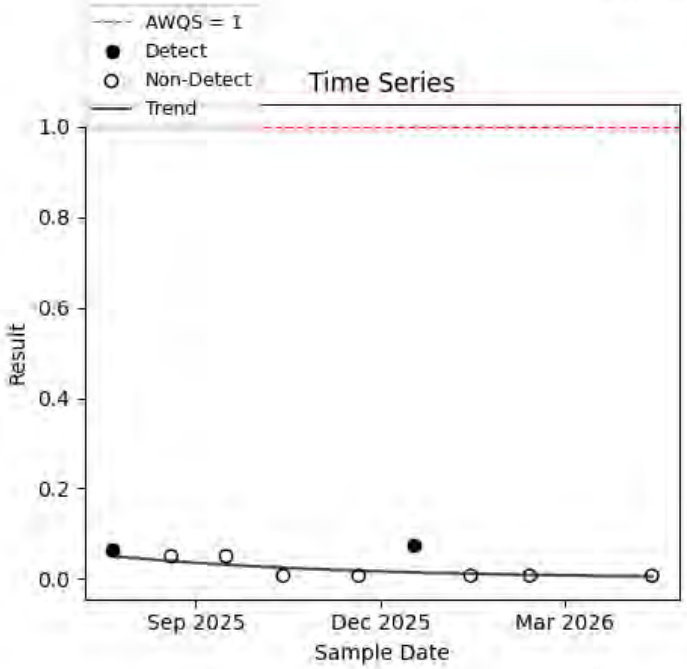
AWQS = 10 mg/L

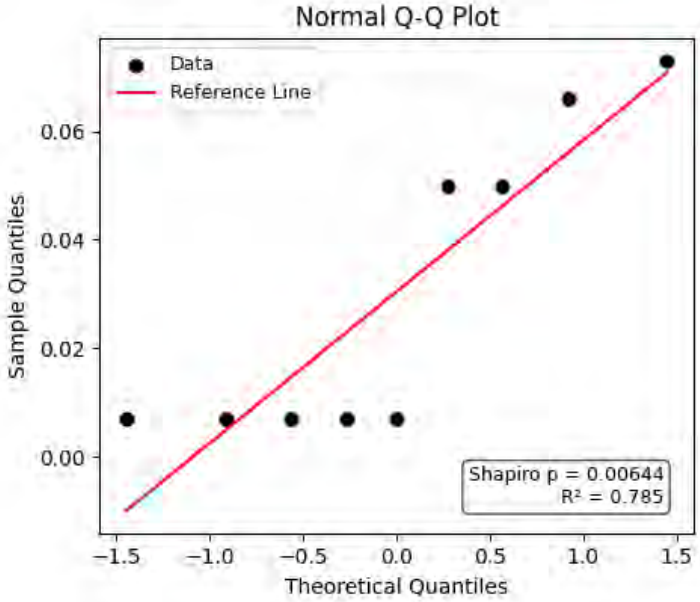
Figure: 3.17

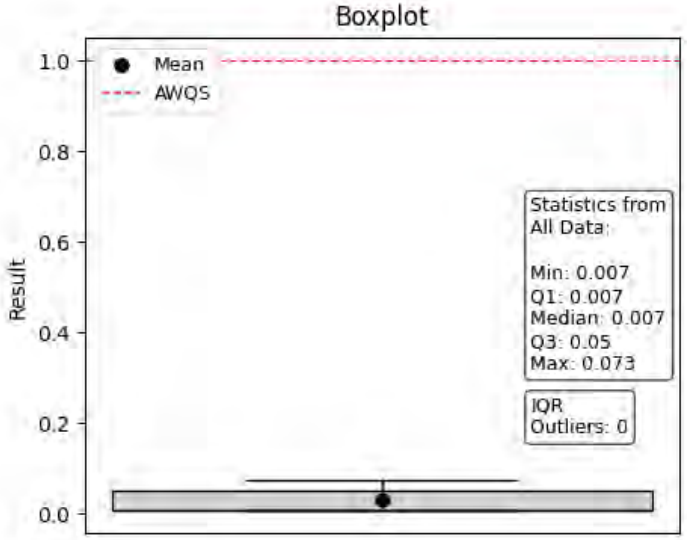
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Nitrogen, Nitrite (As N)







Well ID: POC-03
Constituent: Nitrogen, Nitrite (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0304
Median = 0.007
Min = 0.007
Max = 0.073
StdDev = 0.0287
95%ile = 0.0702

% Non Detects = 77.8%

Distribution = Normal
UTL (norm) = 0.117
UTL (log) = 0.552
UTL (np) = 0.073

Trend = no trend
MK p = 0.0522
MK s = -15

Rosner
Outliers = 0
CV% = 94.26

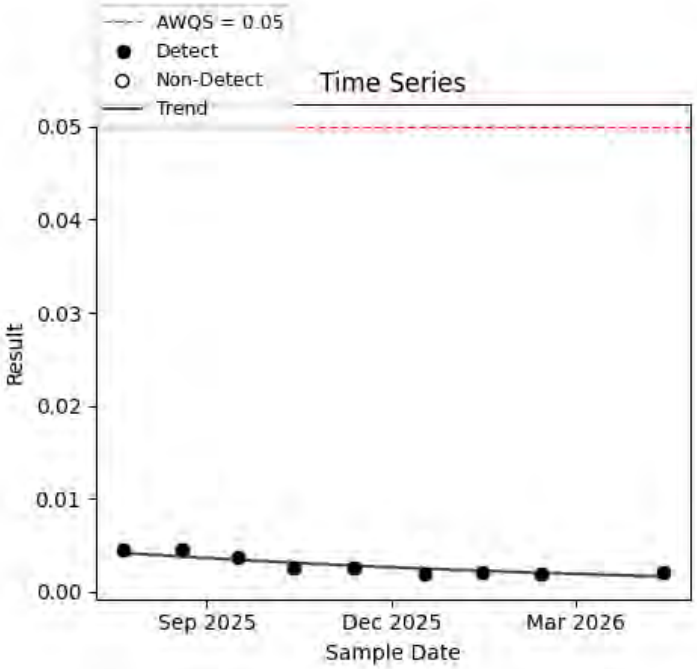
AWQS = 1 mg/L

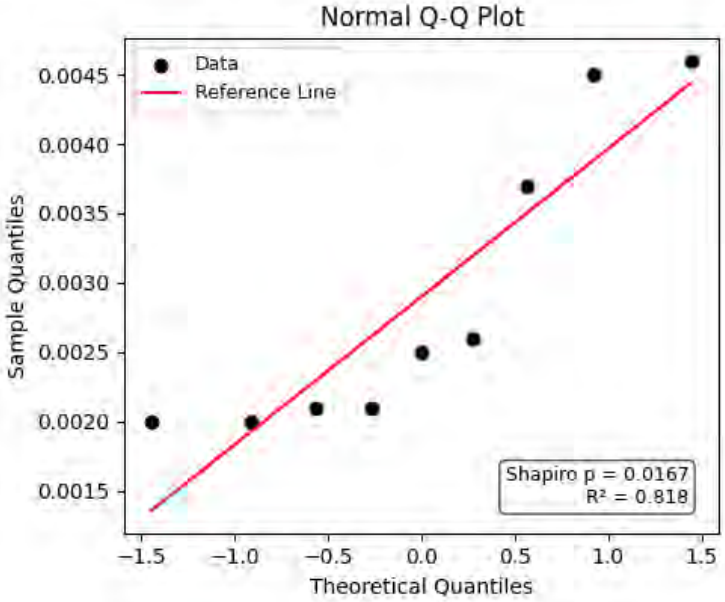
Figure: 3.18

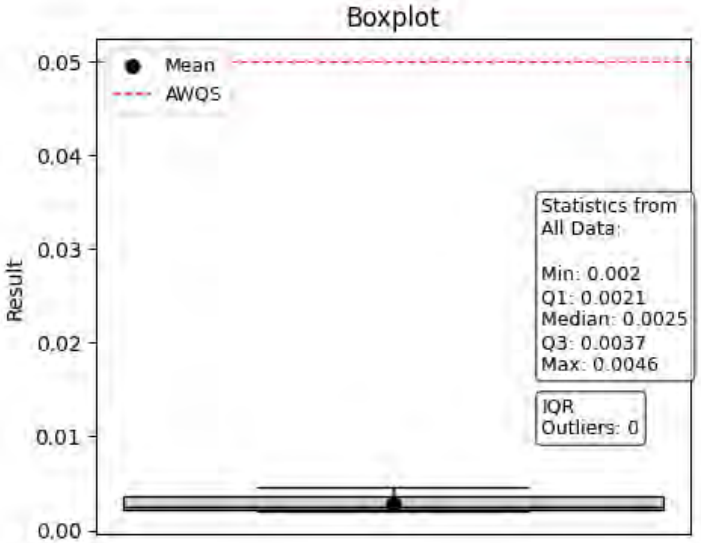
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Selenium







Well ID: POC-03
Constituent: Selenium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0029
Median = 0.0025
Min = 0.002
Max = 0.0046
StdDev = 0.00107
95%ile = 0.00456

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00616
UTL (log) = 0.00782
UTL (np) = 0.0046

Trend = decreasing
MK p = 0.00221
MK s = -28

Rosner
Outliers = 0
CV% = 37.06

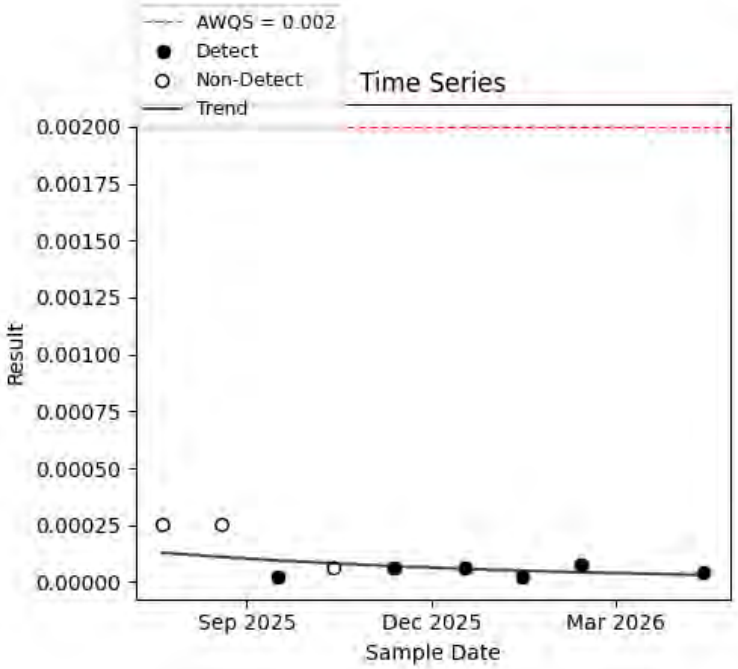
AWQS = 0.05 mg/L

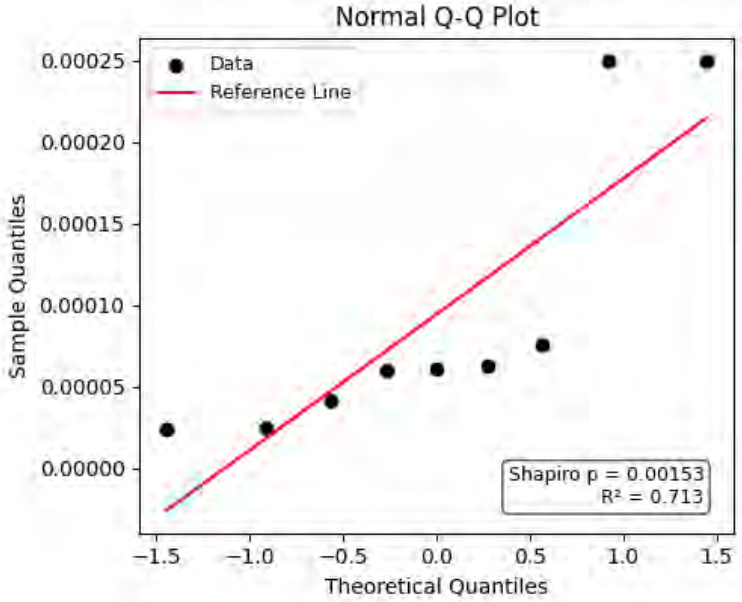
Figure: 3.19

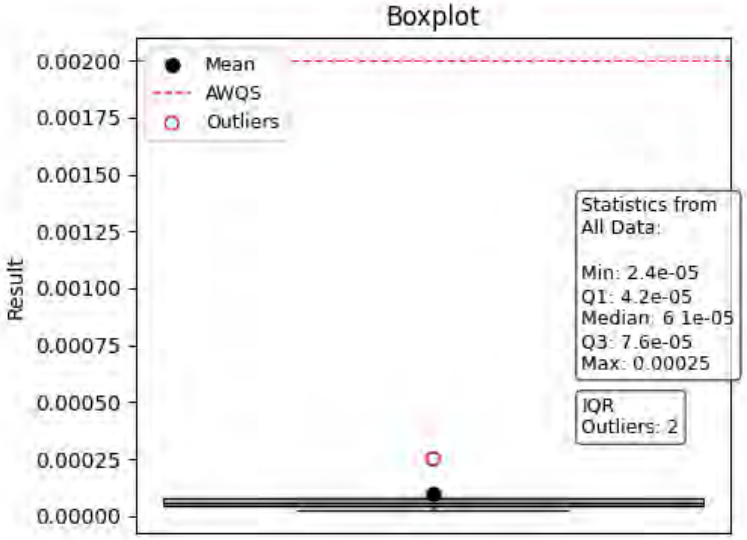
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Thallium







Well ID: POC-03
Constituent: Thallium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 9.46e-05
Median = 6.1e-05
Min = 2.4e-05
Max = 0.00025
StdDev = 8.98e-05
95%ile = 0.00025

% Non Detects = 33.3%

Distribution = Log-Normal
UTL (norm) = 0.000367
UTL (log) = 0.000877
UTL (np) = 0.00025

Trend = no trend
MK p = 0.201
MK s = -9

Rosner
Outliers = 0
CV% = 95.01

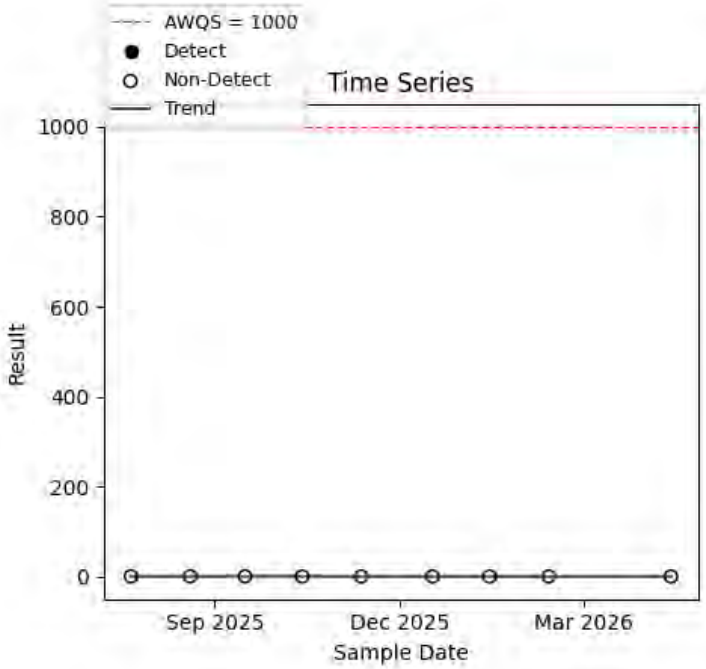
AWQS = 0.002 mg/L

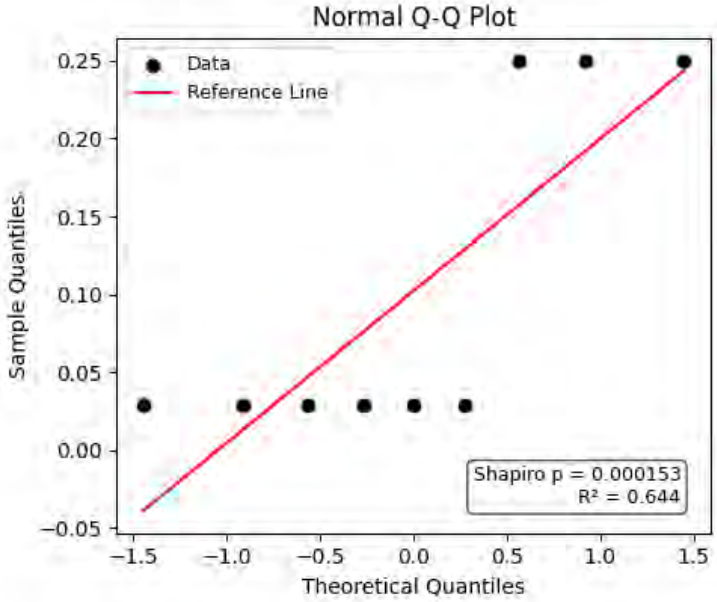
Figure: 3.20

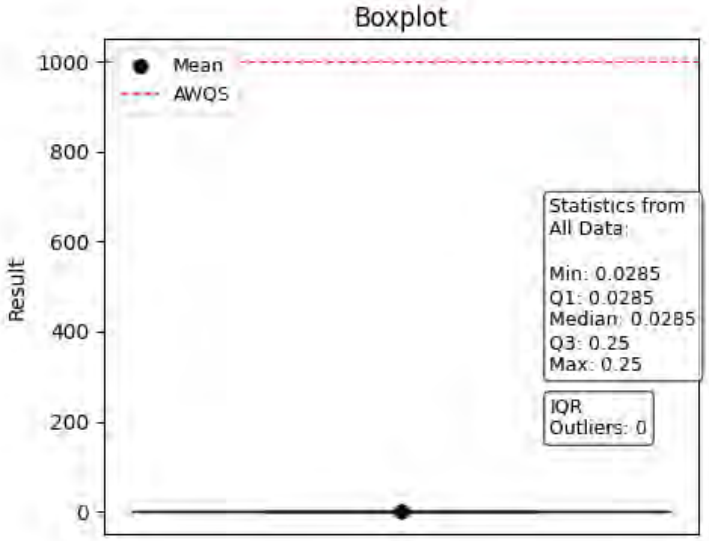
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Toluene







Well ID: POC-03
Constituent: Toluene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.102
Median = 0.0285
Min = 0.0285
Max = 0.25
StdDev = 0.111
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.438
UTL (log) = 1.58
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 108.22

AWQS = 1e+03 ug/L

Figure: 3.21

Copper World, Inc.
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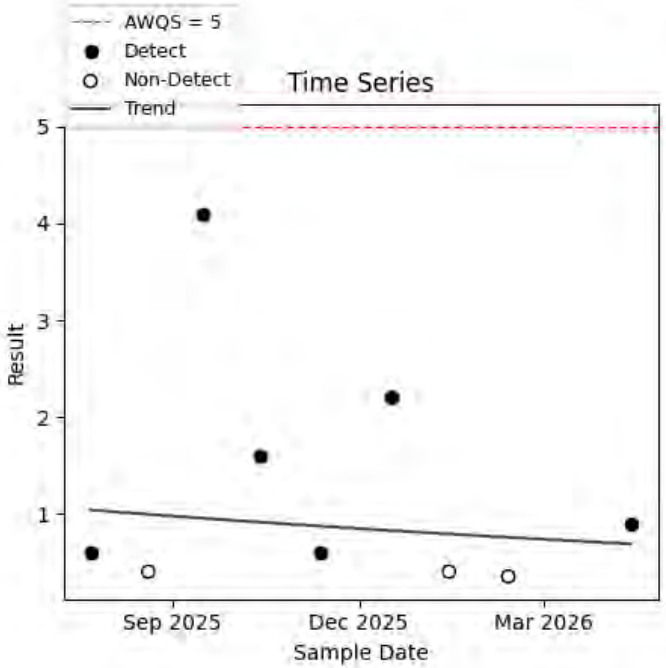
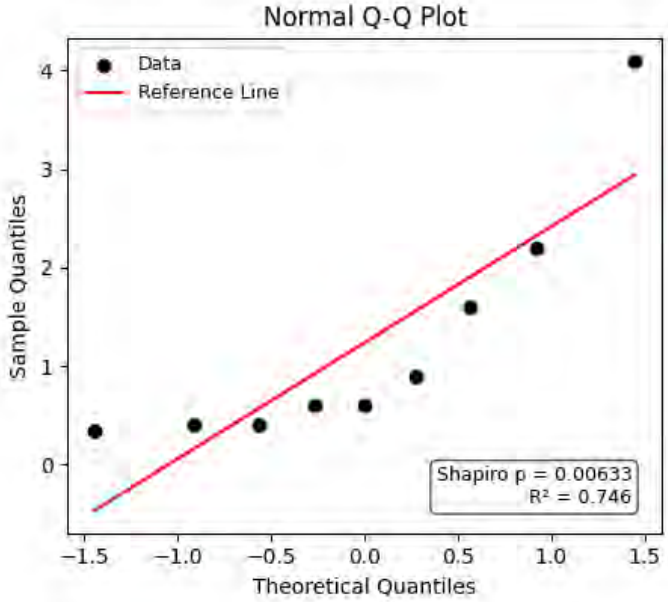
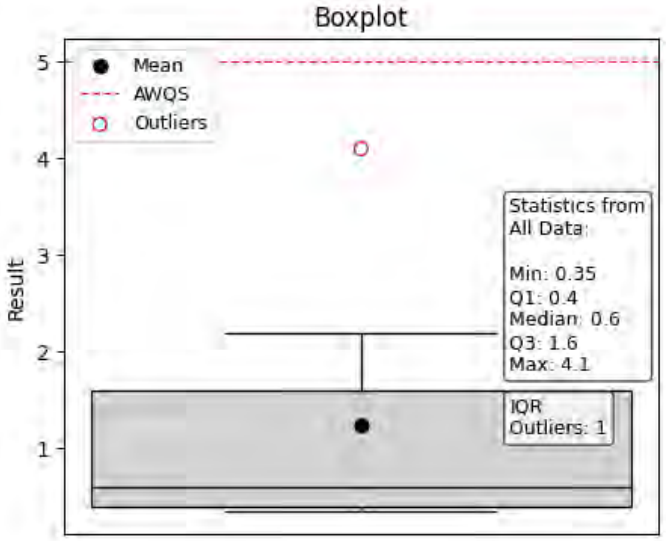
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Total Radium







Well ID: POC-03
Constituent: Total Radium
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 1.24
Median = 0.6
Min = 0.35
Max = 4.1
StdDev = 1.24
95%ile = 3.34

% Non Detects = 33.3%

Distribution = Log-Normal
UTL (norm) = 5.01
UTL (log) = 11.8
UTL (np) = 4.1

Trend = no trend
MK p = 0.299
MK s = -6

Rosner
Outliers = 1
CV% = 100.37

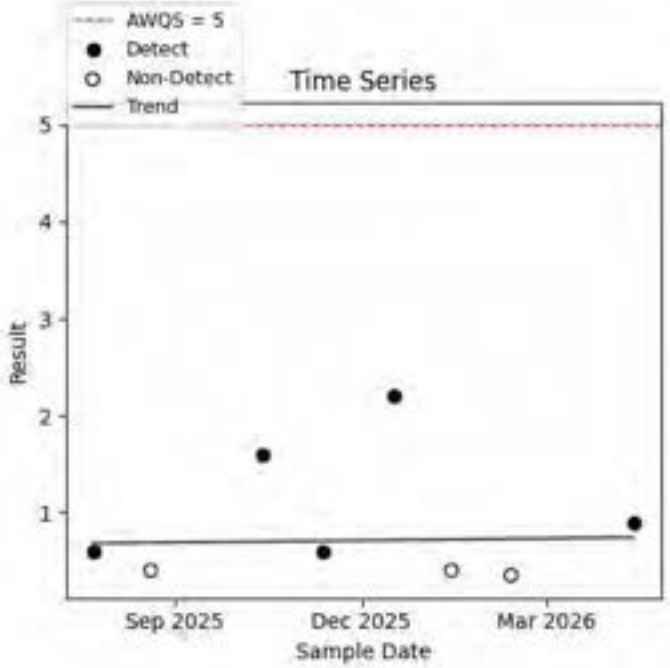
AWQS = 5 pCi/L

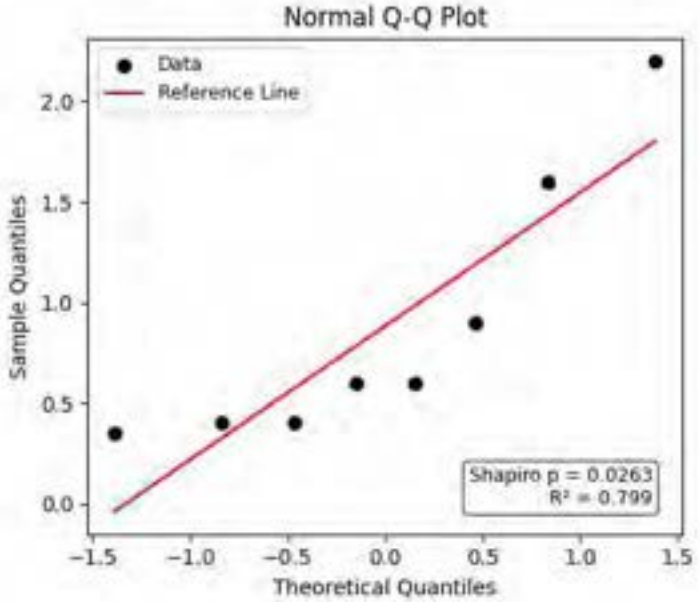
Figure: 3.22

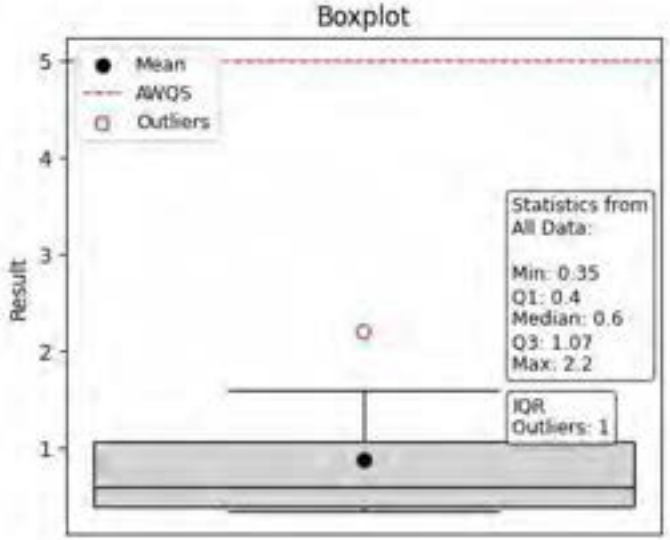
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Total Radium







Well ID: POC-03
Constituent: Total Radium
Units: pCi/L
N = 8

Detect Only Stats:
Mean = 0.881
Median = 0.6
Min = 0.35
Max = 2.2
StdDev = 0.672
95%ile = 1.99

% Non Detects = 37.5%

Distribution = Normal
UTL (norm) = 3.02
UTL (log) = 6.14
UTL (np) = 2.2

Trend = no trend
MK p = 0.45
MK s = -2

Rosner
Outliers = 0
CV% = 76.24

AWQS = 5 pCi/L

Figure: 3.22B

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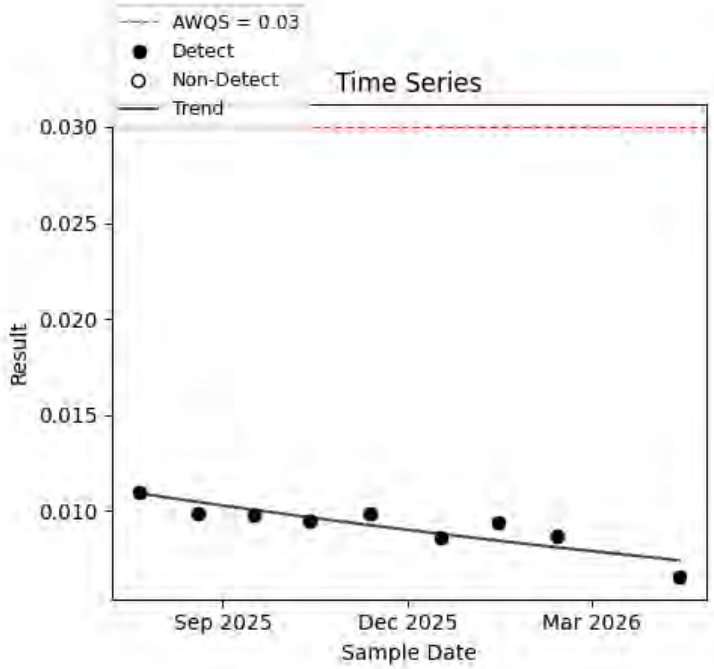
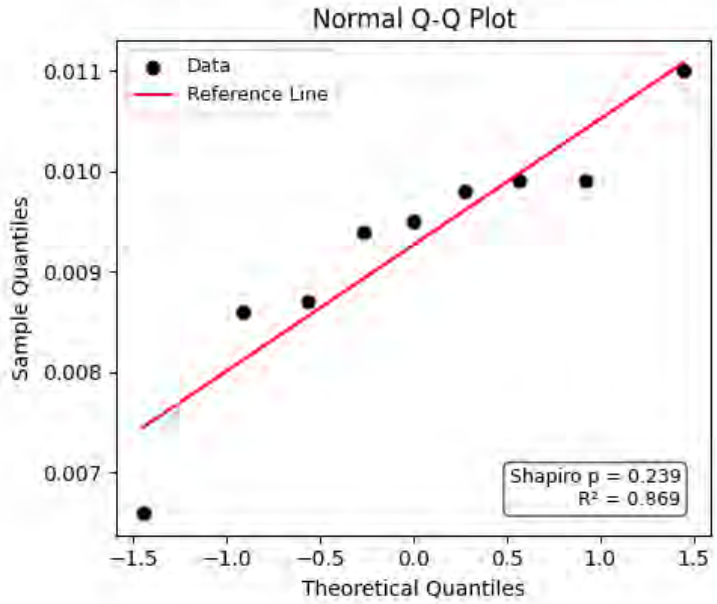
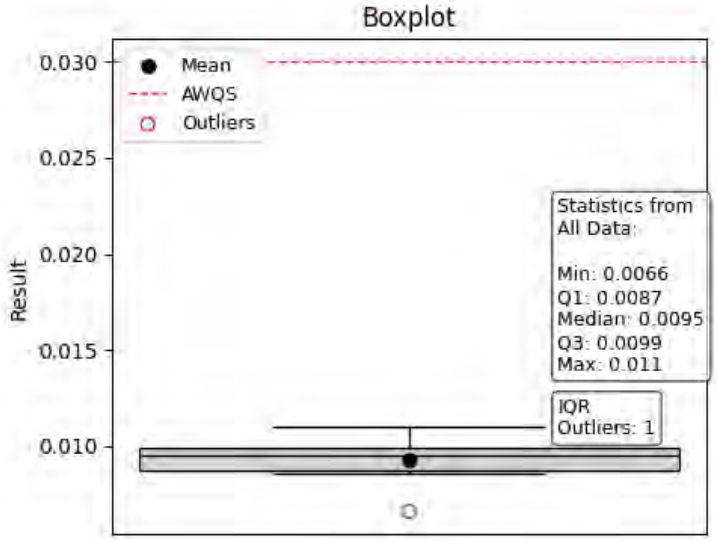
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Uranium







Well ID: POC-03
Constituent: Uranium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00927
Median = 0.0095
Min = 0.0066
Max = 0.011
StdDev = 0.00123
95%ile = 0.0106

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.013
UTL (log) = 0.0142
UTL (np) = 0.011

Trend = decreasing
MK p = 0.00321
MK s = -27

Rosner
Outliers = 0
CV% = 13.24

AWQS = 0.03 mg/L

Figure: 3.23

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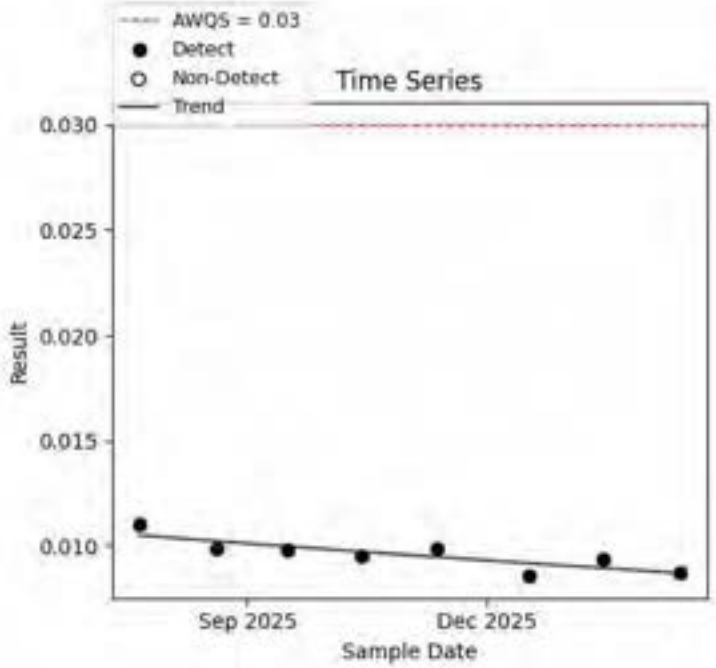
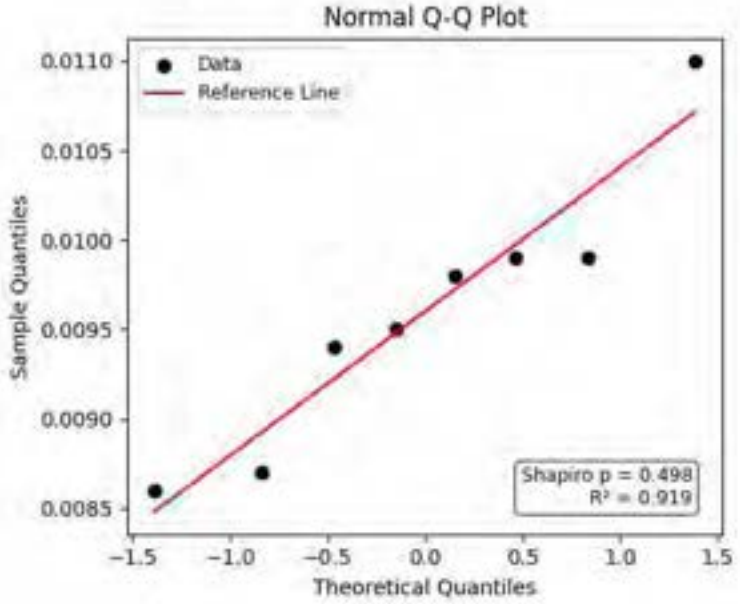
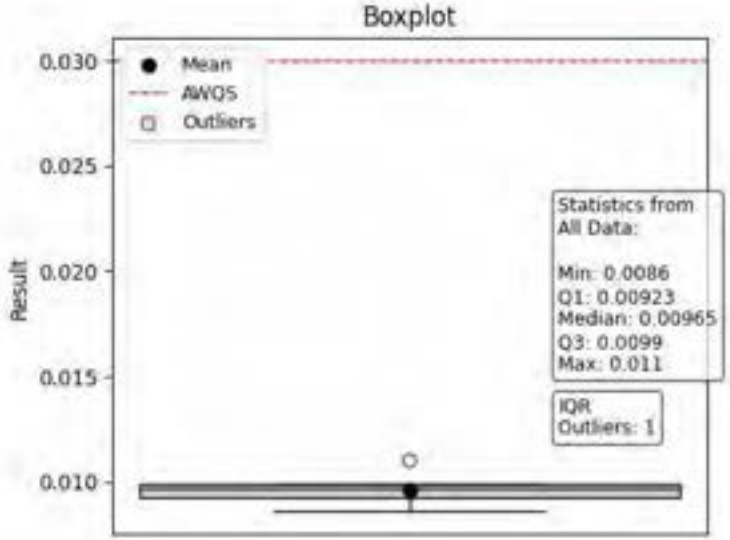
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Uranium







Well ID: POC-03
Constituent: Uranium
Units: mg/L
N = 8

Detect Only Stats:
Mean = 0.0096
Median = 0.00965
Min = 0.0086
Max = 0.011
StdDev = 0.00076
95%ile = 0.0106

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.012
UTL (log) = 0.0123
UTL (np) = 0.011

Trend = decreasing
MK p = 0.0124
MK s = -19

Rosner
Outliers = 0
CV% = 7.91

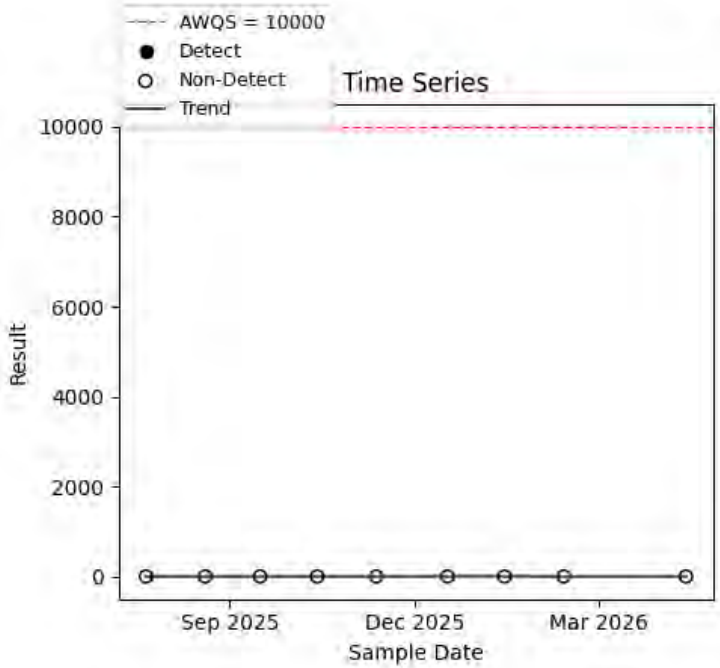
AWQS = 0.03 mg/L

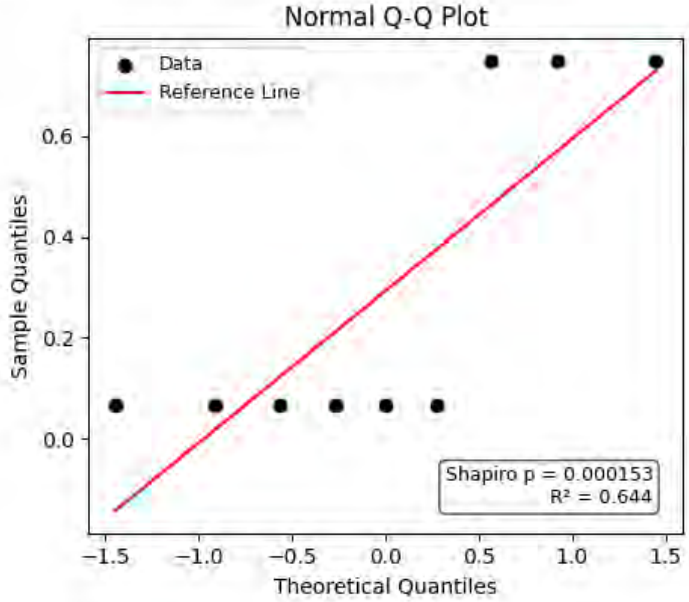
Figure: 3.23B

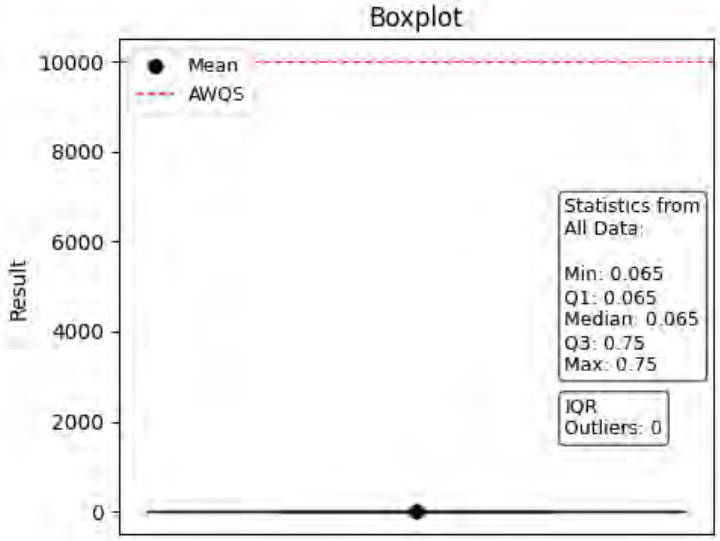
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-03 - Xylenes, Total







Well ID: POC-03
Constituent: Xylenes, Total
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.293
Median = 0.065
Min = 0.065
Max = 0.75
StdDev = 0.342
95%ile = 0.75

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 1.33
UTL (log) = 5.98
UTL (np) = 0.75

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 116.76

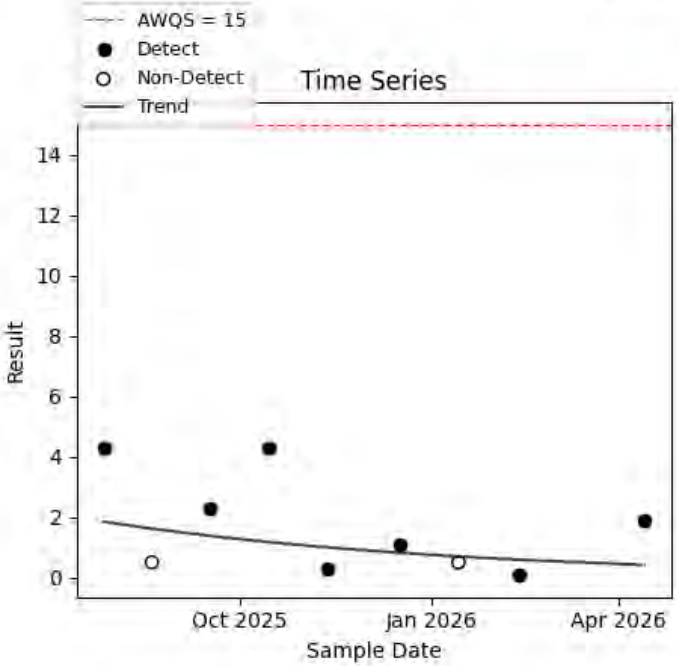
AWQS = 1e+04 ug/L

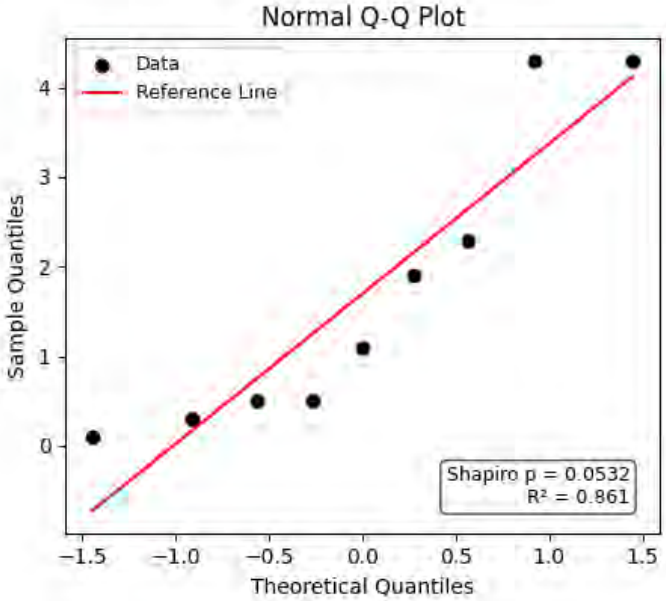
Figure: 3.24

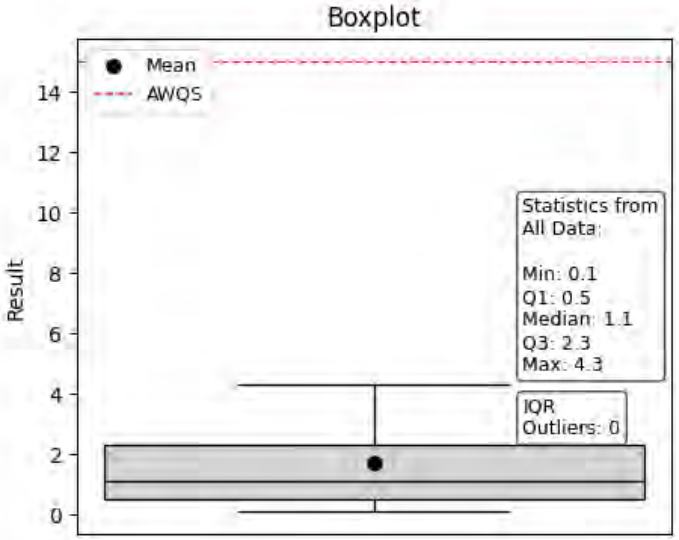
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Adjusted Gross Alpha







Well ID: POC-04
Constituent: Adjusted Gross Alpha
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 1.7
Median = 1.1
Min = 0.1
Max = 4.3
StdDev = 1.65
95%ile = 4.3

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 6.69
UTL (log) = 46
UTL (np) = 4.3

Trend = no trend
MK p = 0.123
MK s = -12

Rosner
Outliers = 0
CV% = 96.84

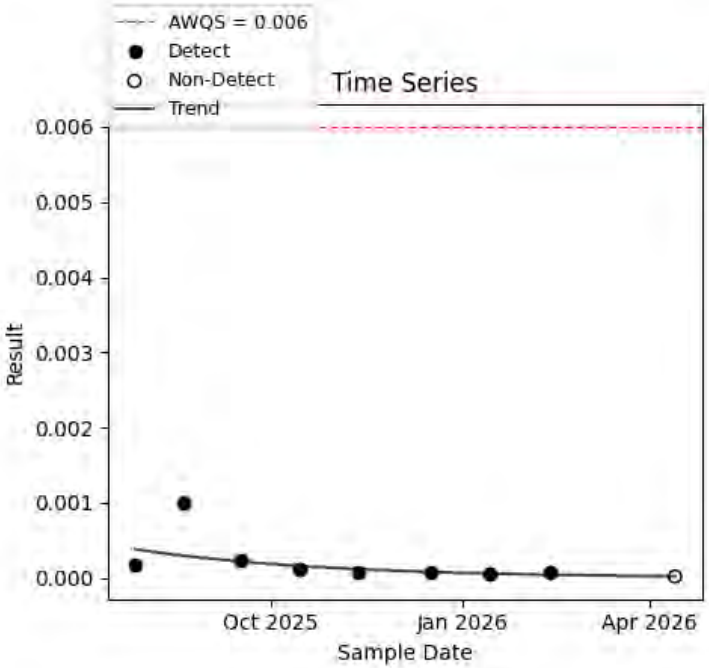
AWQS = 15 pCi/L

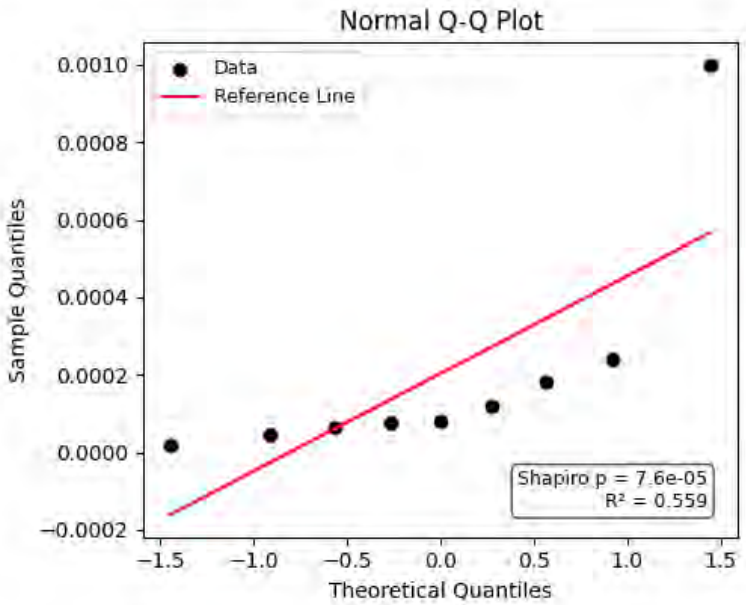
Figure: 4.1

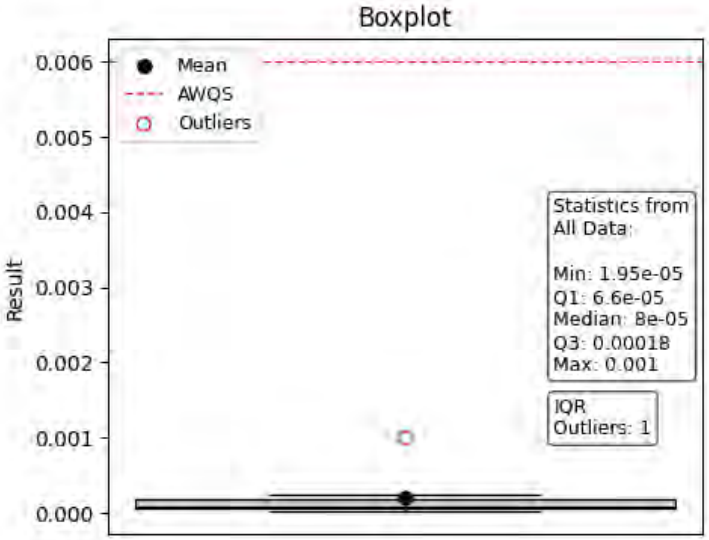
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Antimony







Well ID: POC-04
Constituent: Antimony
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000203
Median = 8e-05
Min = 1.95e-05
Max = 0.001
StdDev = 0.000307
95%ile = 0.000696

% Non Detects = 11.1%

Distribution = Log-Normal
UTL (norm) = 0.00113
UTL (log) = 0.00318
UTL (np) = 0.001

Trend = decreasing
MK p = 0.00457
MK s = -26

Rosner
Outliers = 1
CV% = 150.92

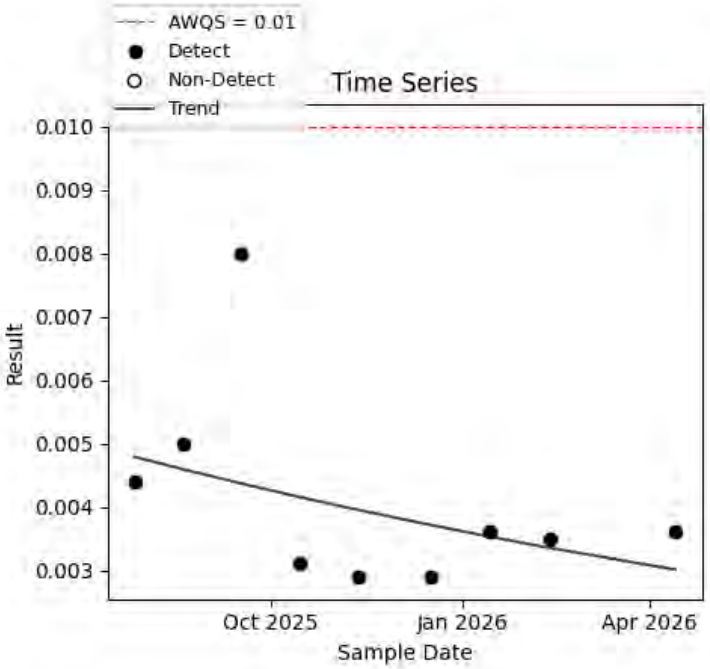
AWQS = 0.006 mg/L

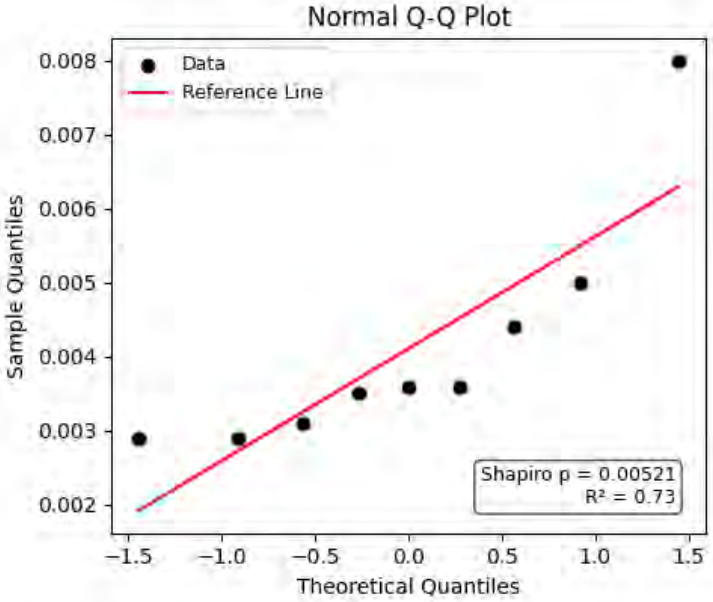
Figure: 4.2

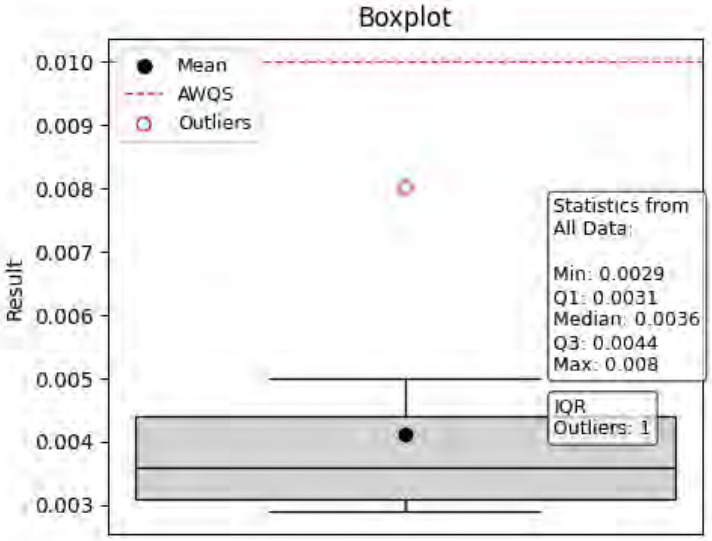
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Arsenic







Well ID: POC-04
Constituent: Arsenic
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00411
Median = 0.0036
Min = 0.0029
Max = 0.008
StdDev = 0.00161
95%ile = 0.0068

% Non Detects = 0.0%

Distribution = Log-Normal
UTL (norm) = 0.009
UTL (log) = 0.0104
UTL (np) = 0.008

Trend = no trend
MK p = 0.23
MK s = -8

Rosner
Outliers = 1
CV% = 39.27

AWQS = 0.01 mg/L

Figure: 4.3

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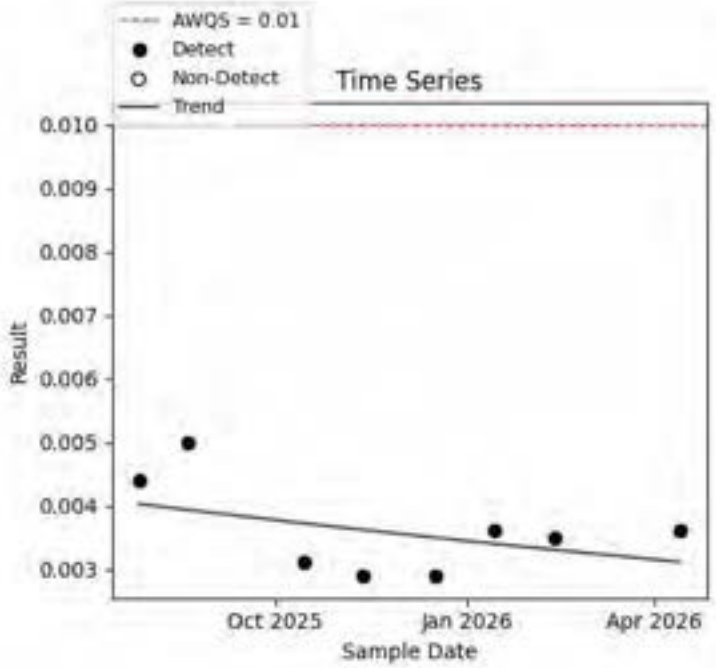
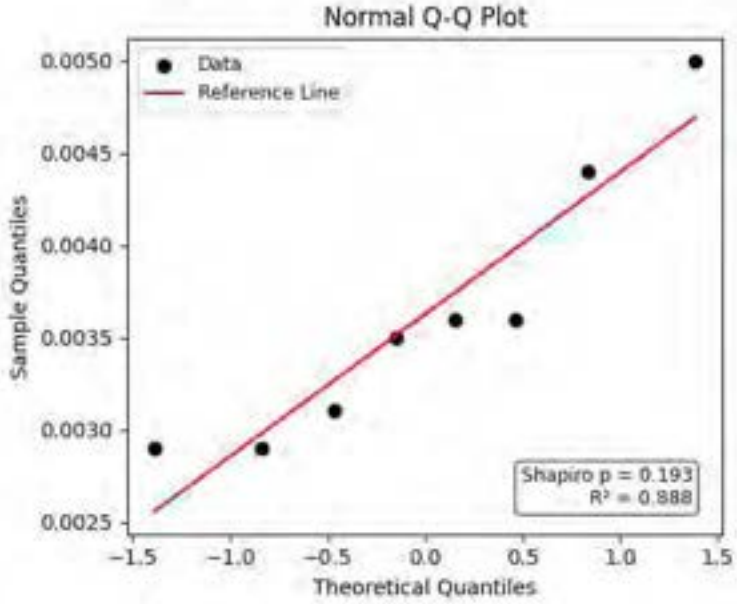
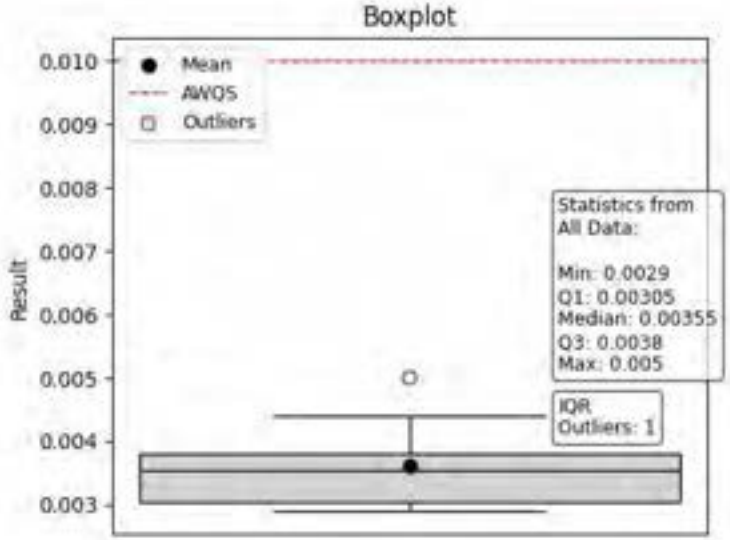
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Arsenic







Well ID: POC-04
Constituent: Arsenic
Units: mg/L
N = 8

Detect Only Stats:
Mean = 0.00362
Median = 0.00355
Min = 0.0029
Max = 0.005
StdDev = 0.00074
95%ile = 0.00479

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00598
UTL (log) = 0.00662
UTL (np) = 0.005

Trend = no trend
MK p = 0.353
MK s = -4

Rosner
Outliers = 0
CV% = 20.42

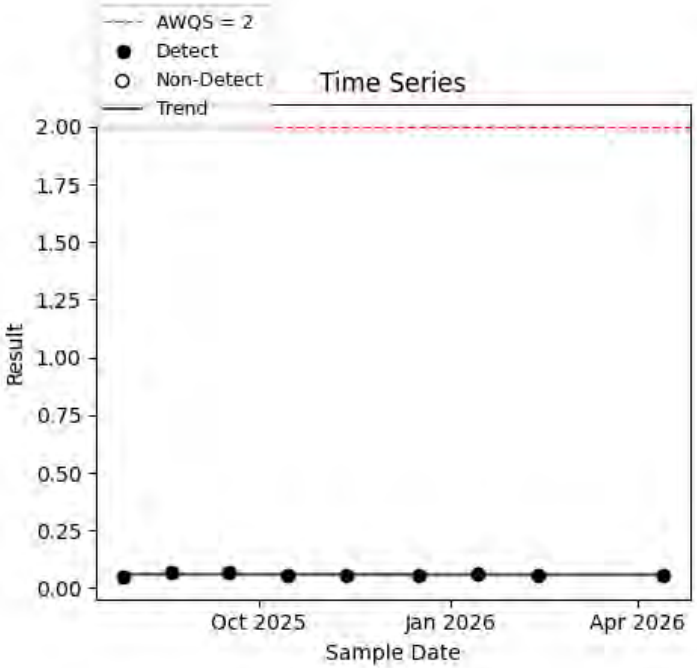
AWQS = 0.01 mg/L

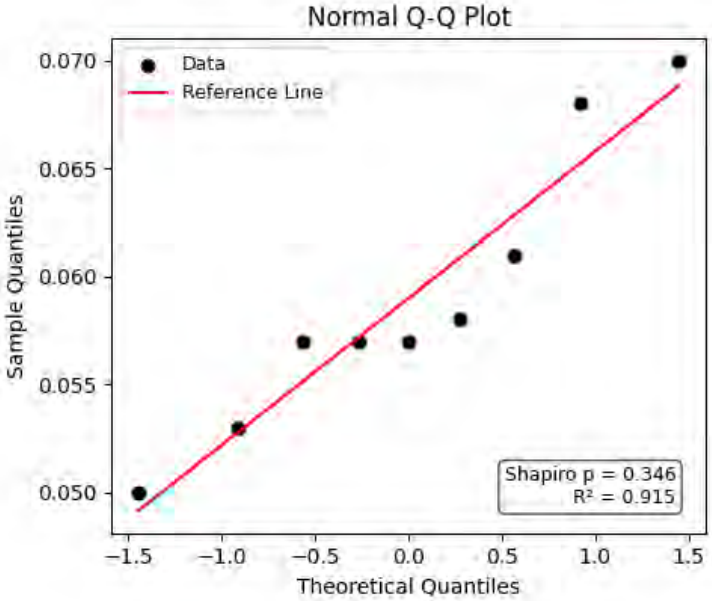
Figure: 4.3B

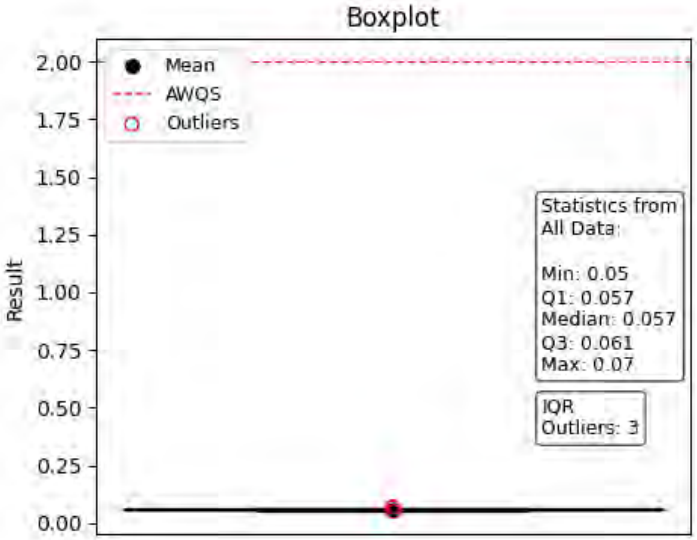
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Barium







Well ID: POC-04
Constituent: Barium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.059
Median = 0.057
Min = 0.05
Max = 0.07
StdDev = 0.00648
95%ile = 0.0692

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0786
UTL (log) = 0.0814
UTL (np) = 0.07

Trend = no trend
MK p = 0.5
MK s = 1

Rosner
Outliers = 0
CV% = 10.98

AWQS = 2 mg/L

Figure: 4.4

Copper World, Inc.
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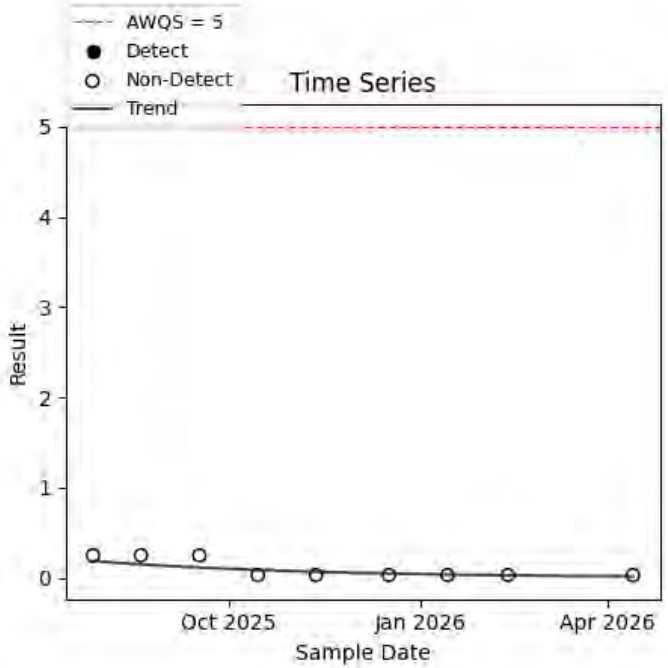
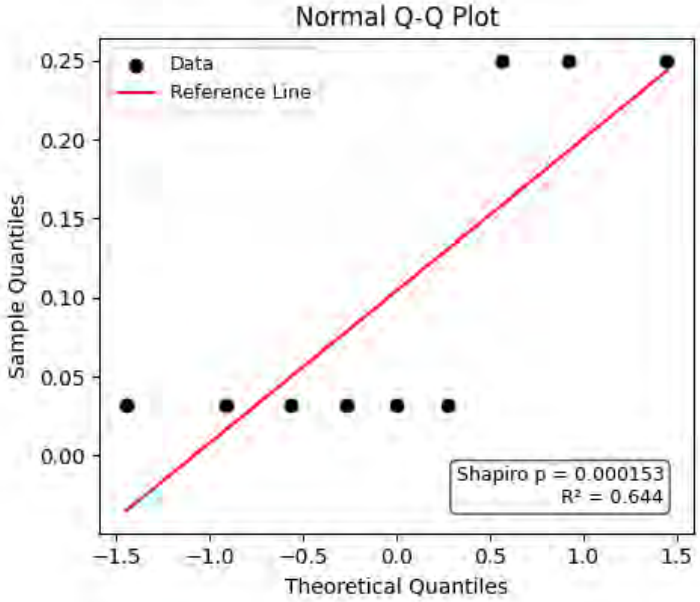
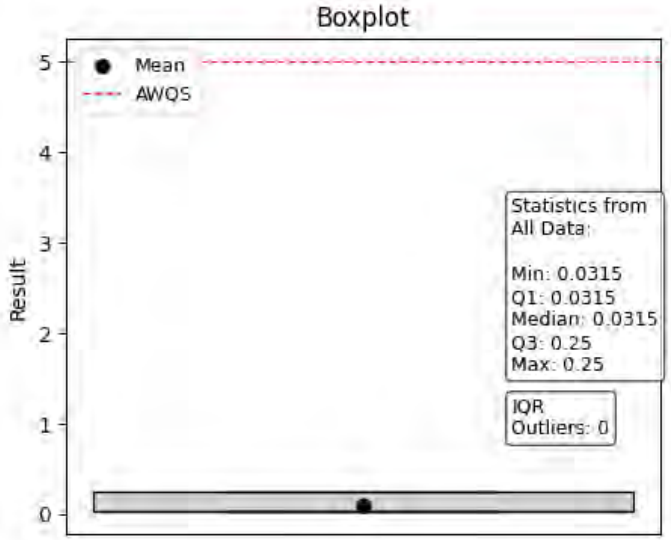
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Benzene







Well ID: POC-04
Constituent: Benzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.104
Median = 0.0315
Min = 0.0315
Max = 0.25
StdDev = 0.109
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.435
UTL (log) = 1.45
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 104.71

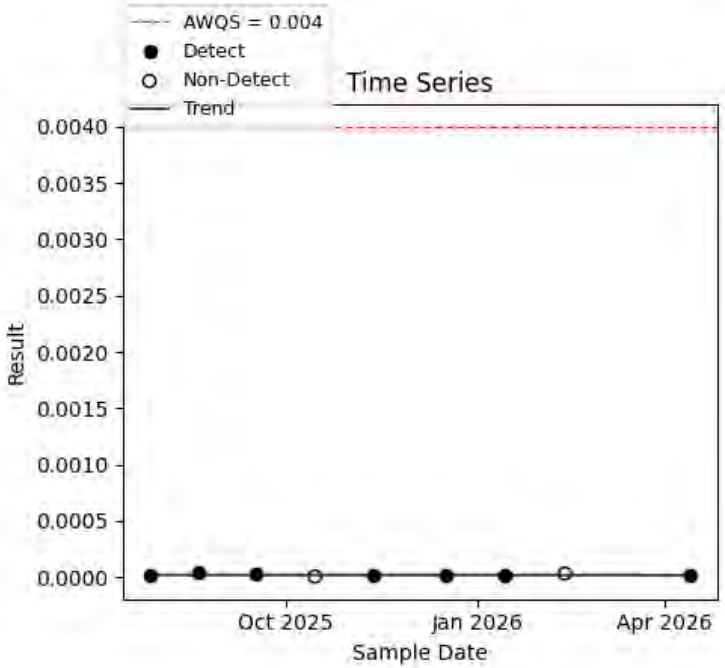
AWQS = 5 ug/L

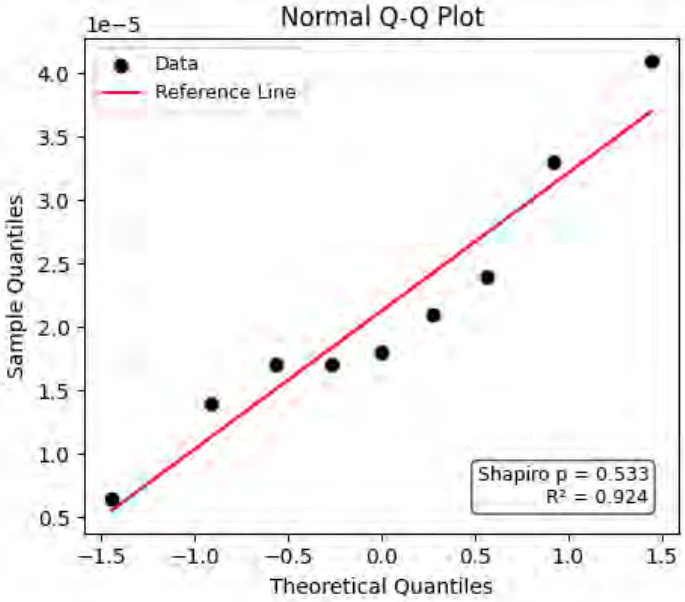
Figure: 4.5

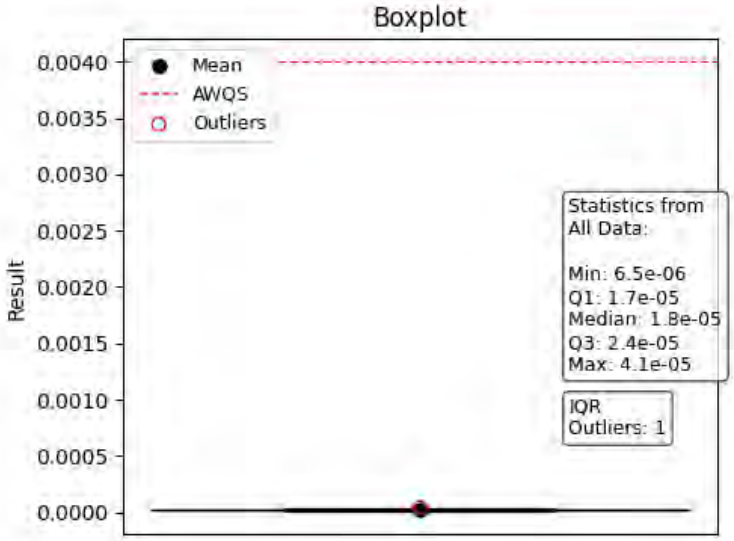
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Beryllium







Well ID: POC-04
Constituent: Beryllium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 2.13e-05
Median = 1.8e-05
Min = 6.5e-06
Max = 4.1e-05
StdDev = 1.03e-05
95%ile = 3.78e-05

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 5.26e-05
UTL (log) = 9.42e-05
UTL (np) = 4.1e-05

Trend = no trend
MK p = 0.5
MK s = -1

Rosner
Outliers = 0
CV% = 48.52

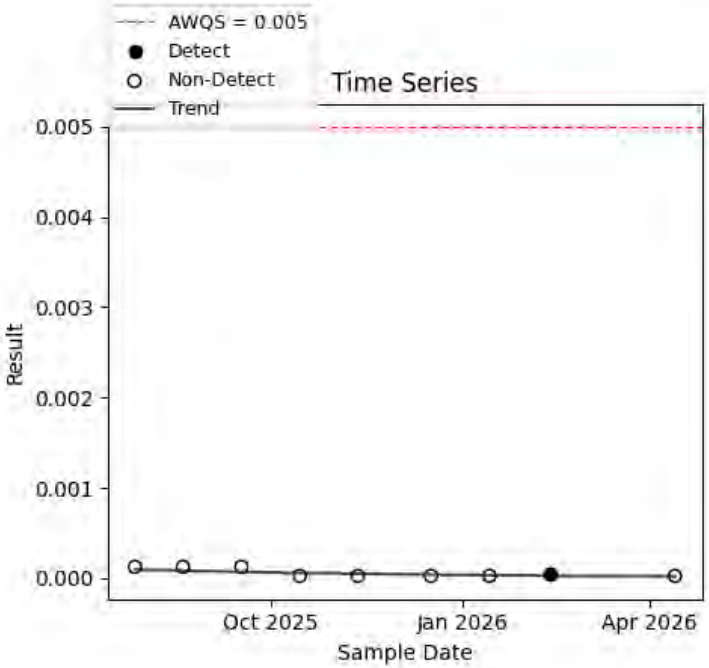
AWQS = 0.004 mg/L

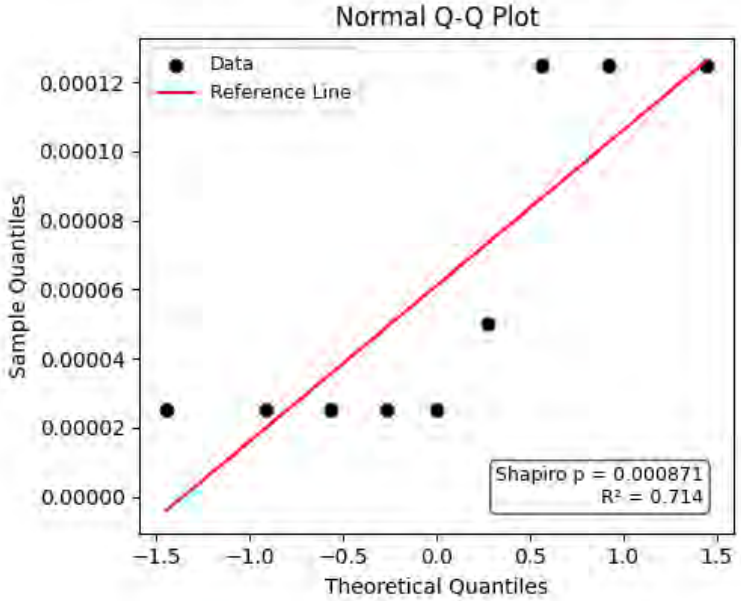
Figure: 4.6

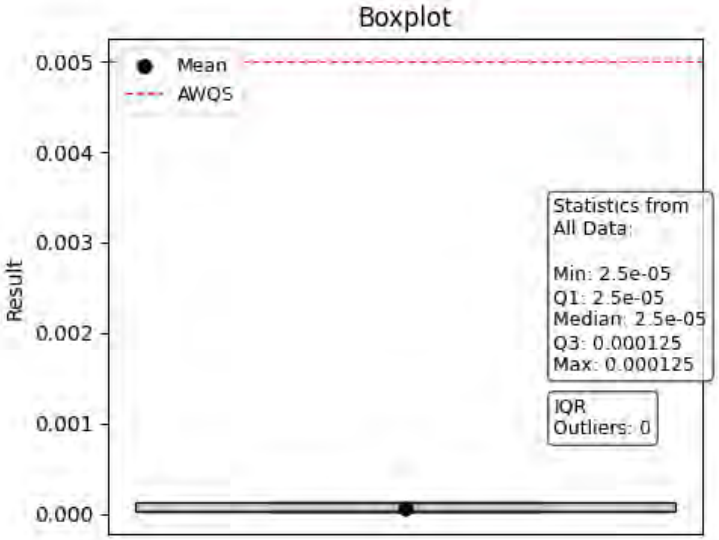
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Cadmium







Well ID: POC-04
Constituent: Cadmium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 6.11e-05
Median = 2.5e-05
Min = 2.5e-05
Max = 0.000125
StdDev = 4.86e-05
95%ile = 0.000125

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.000208
UTL (log) = 0.000491
UTL (np) = 0.000125

Trend = decreasing
MK p = 0.0491
MK s = -15

Rosner
Outliers = 0
CV% = 79.51

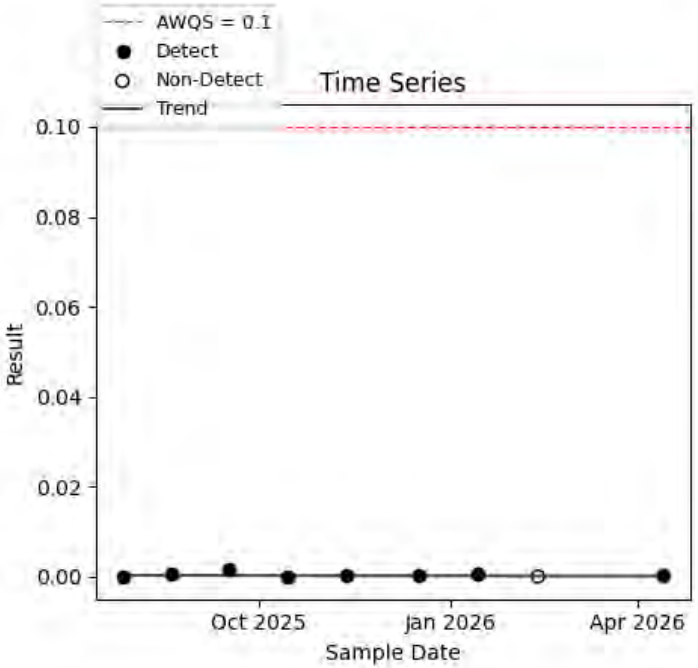
AWQS = 0.005 mg/L

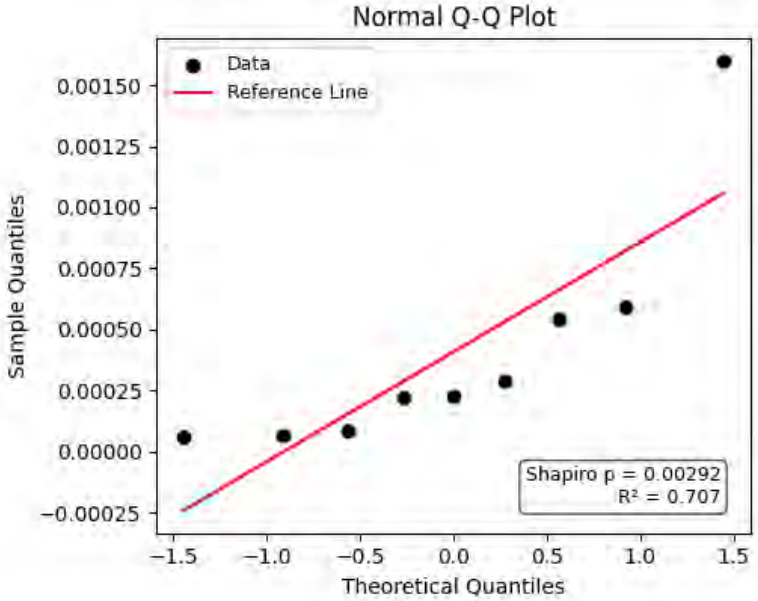
Figure: 4.7

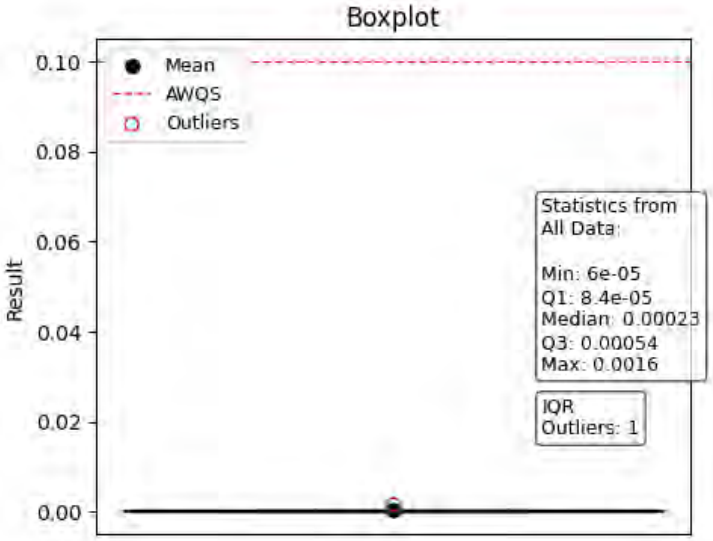
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Chromium







Well ID: POC-04
Constituent: Chromium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000409
Median = 0.00023
Min = 6e-05
Max = 0.0016
StdDev = 0.000487
95%ile = 0.0012

% Non Detects = 11.1%

Distribution = Log-Normal
UTL (norm) = 0.00188
UTL (log) = 0.0069
UTL (np) = 0.0016

Trend = no trend
MK p = 0.377
MK s = -4

Rosner
Outliers = 1
CV% = 119.15

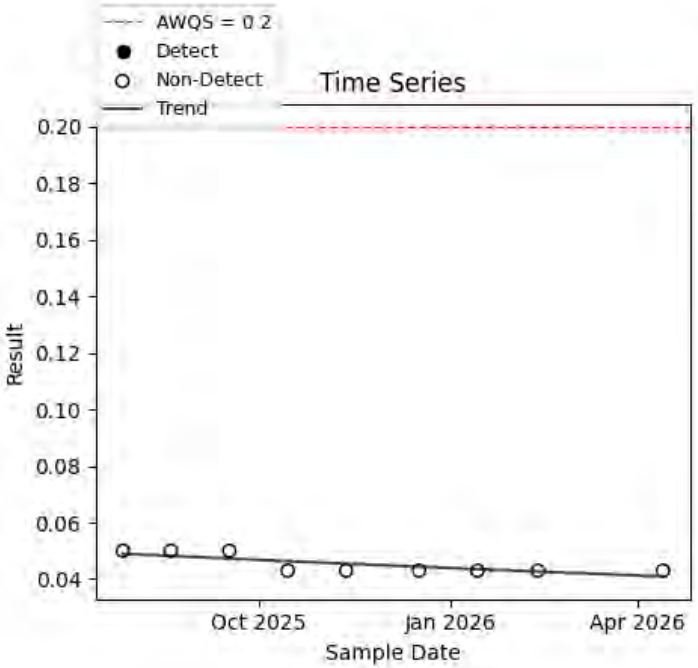
AWQS = 0.1 mg/L

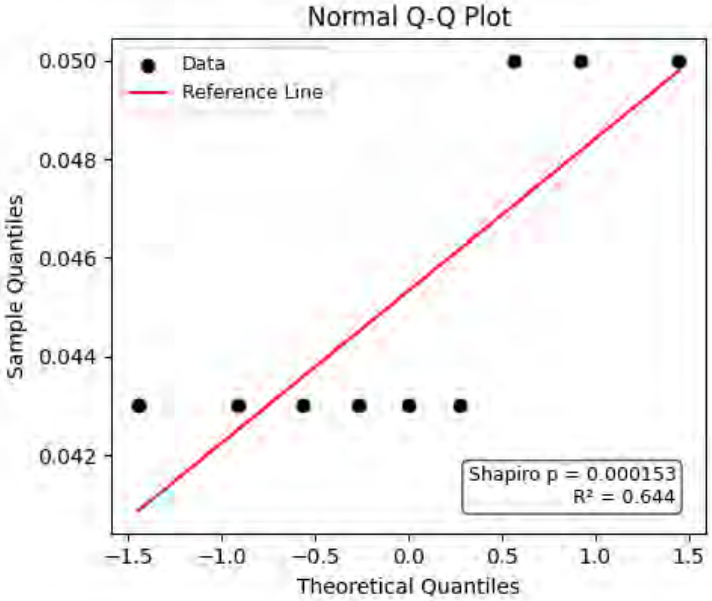
Figure: 4.8

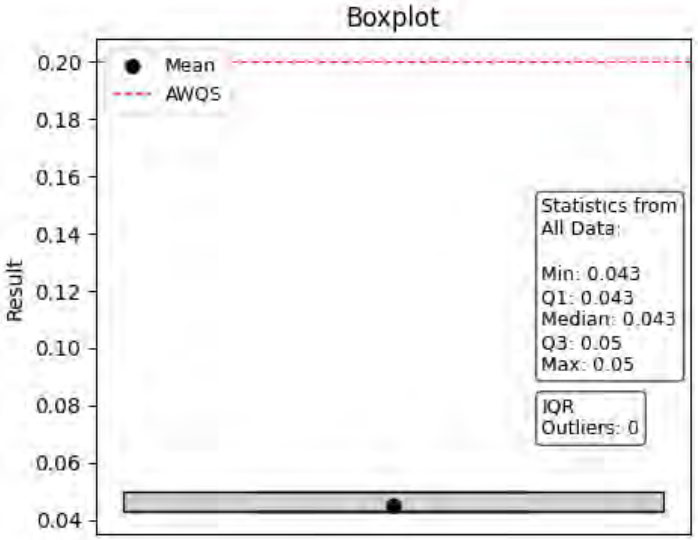
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Cyanide







Well ID: POC-04
Constituent: Cyanide
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0453
Median = 0.043
Min = 0.043
Max = 0.05
StdDev = 0.0035
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0559
UTL (log) = 0.0568
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 7.72

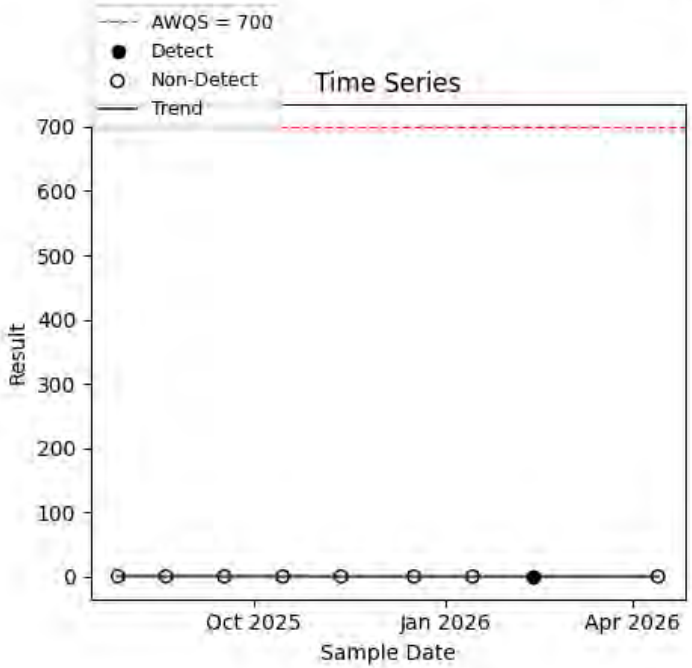
AWQS = 0.2 mg/L

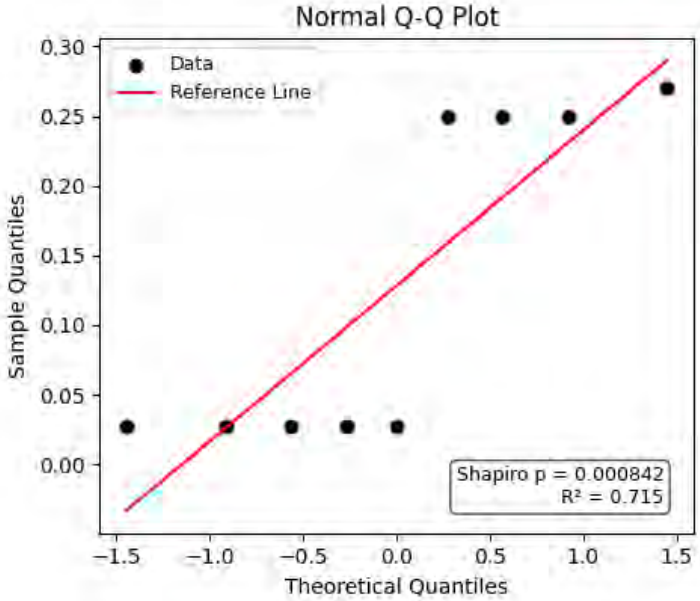
Figure: 4.9

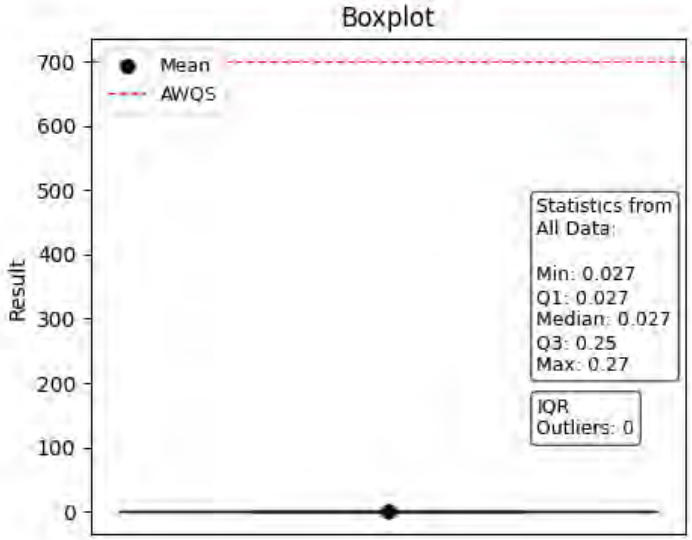
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Ethylbenzene







Well ID: POC-04
Constituent: Ethylbenzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.128
Median = 0.027
Min = 0.027
Max = 0.27
StdDev = 0.12
95%ile = 0.262

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.493
UTL (log) = 2.64
UTL (np) = 0.27

Trend = no trend
MK p = 0.172
MK s = -9

Rosner
Outliers = 0
CV% = 93.76

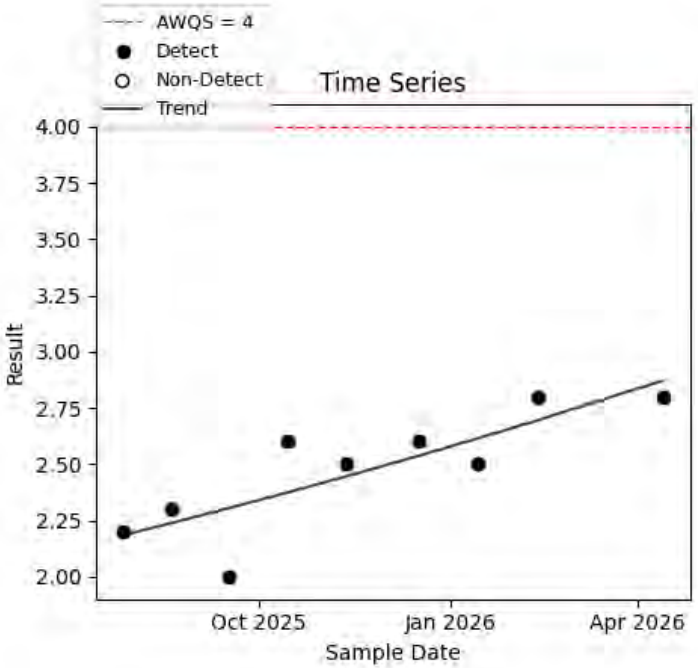
AWQS = 700 ug/L

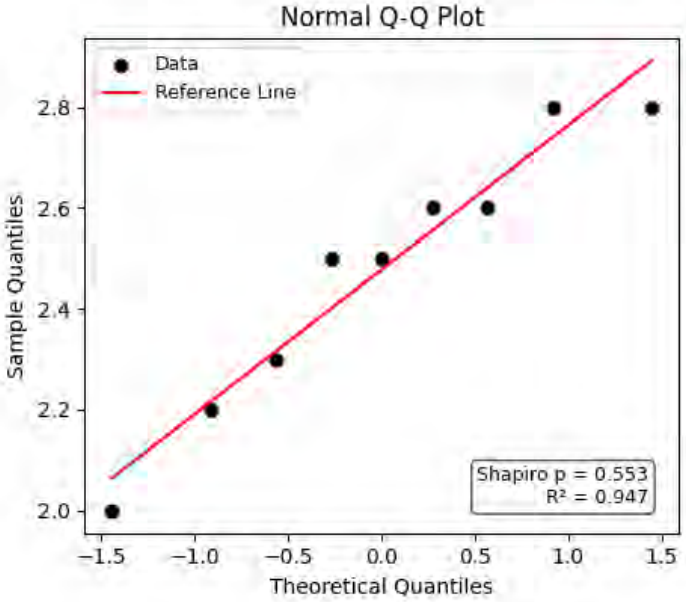
Figure: 4.10

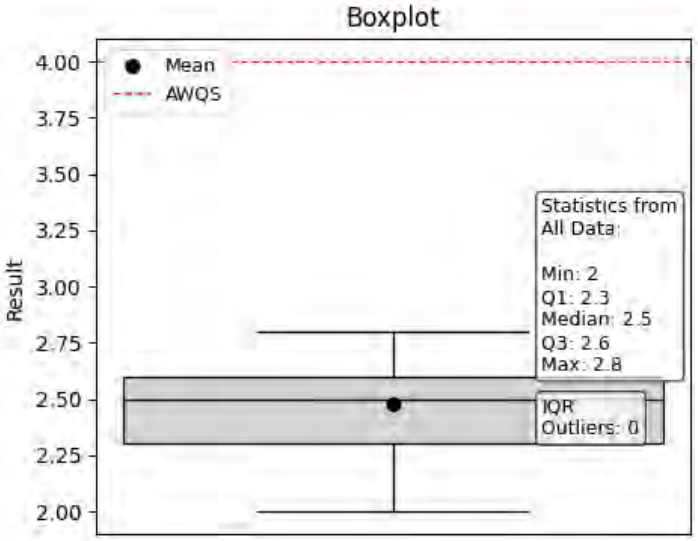
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Fluoride







Well ID: POC-04
Constituent: Fluoride
Units: mg/L
N = 9

Detect Only Stats:
Mean = 2.48
Median = 2.5
Min = 2
Max = 2.8
StdDev = 0.268
95%ile = 2.8

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 3.29
UTL (log) = 3.46
UTL (np) = 2.8

Trend = increasing
MK p = 0.00985
MK s = 23

Rosner
Outliers = 0
CV% = 10.83

AWQS = 4 mg/L

Figure: 4.11

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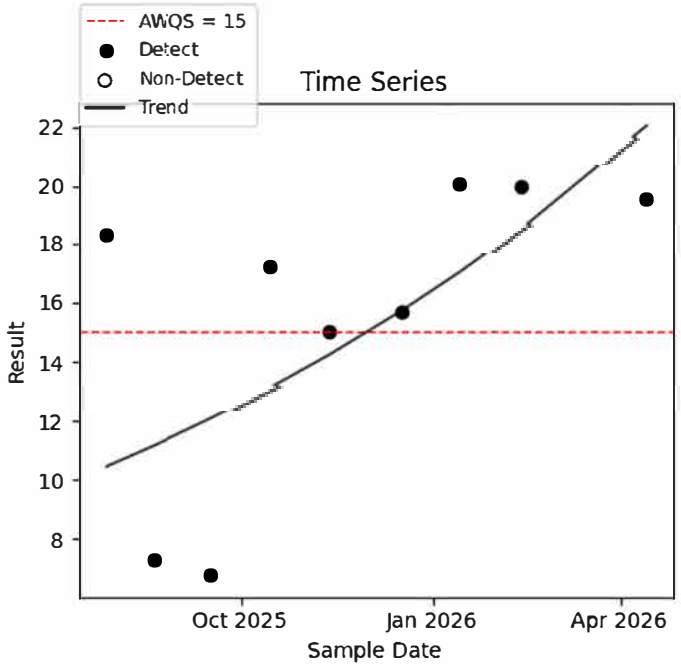
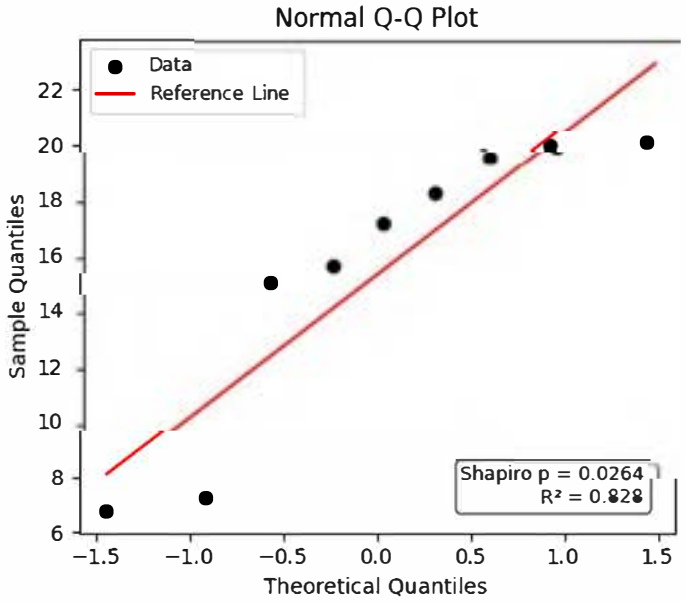
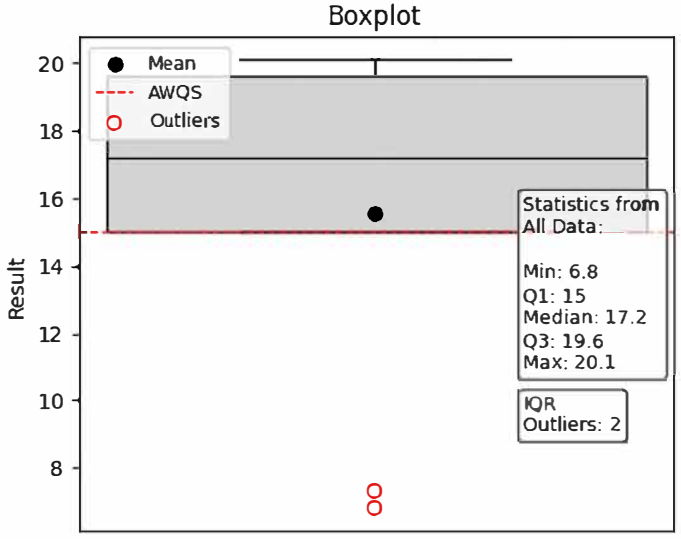
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Gross Alpha Activity







⚠ **Exceeds AWQS**

Well ID: POC-04
Constituent: Gross Alpha Activity
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 15.6
Median = 17.2
Min = 6.8
Max = 20.1
StdDev = 5.15
95%ile = 20.1

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 31.2
UTL (log) = 52.5
UTL (np) = 20.1

Trend = no trend
MK p = 0.0877
MK s = 14

Rosner
Outliers = 0
CV% = 33.10

AWQS = 15 pCi/L

Figure: 4.12

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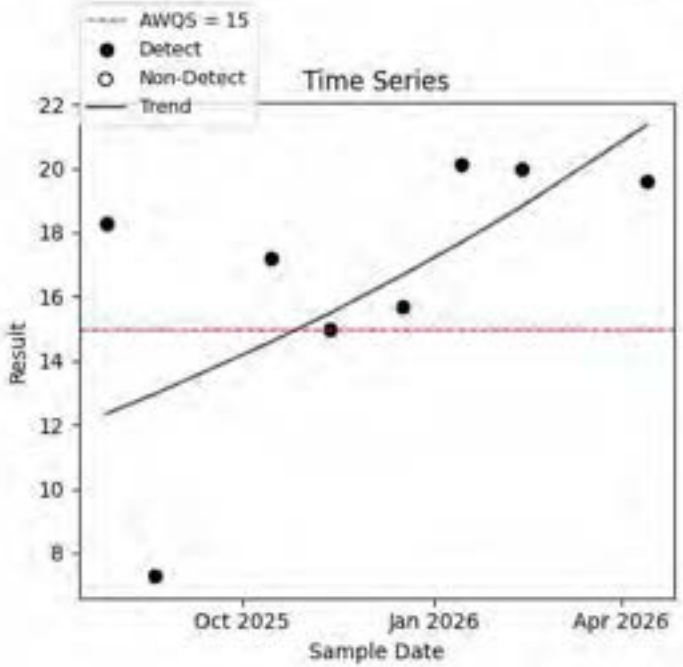
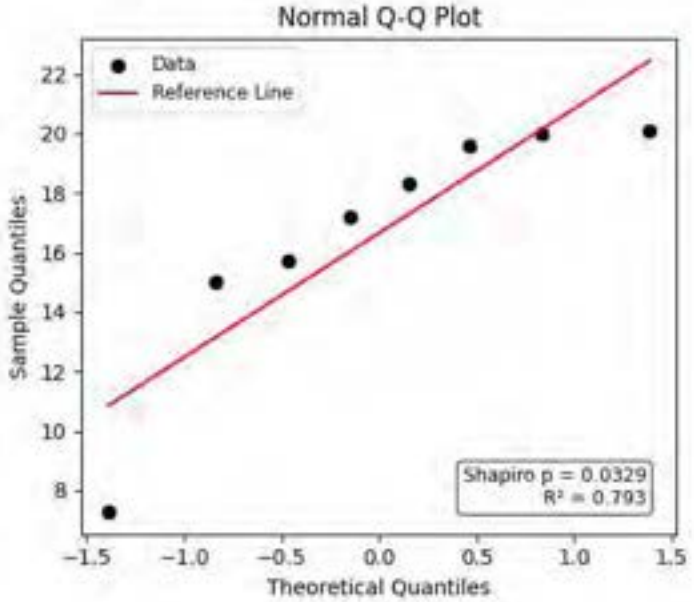
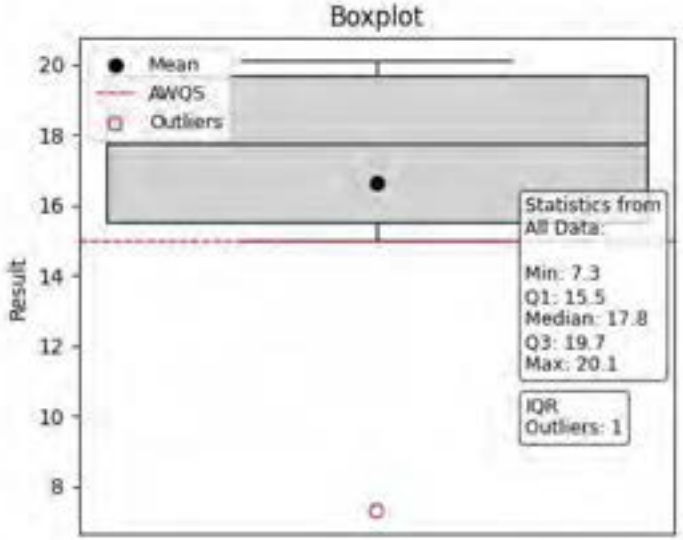
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Gross Alpha Activity







⚠ **Exceeds AWQS**

Well ID: POC-04
Constituent: Gross Alpha Activity
Units: pCi/L
N = 8

Detect Only Stats:
Mean = 16.6
Median = 17.8
Min = 7.3
Max = 20.1
StdDev = 4.24
95%ile = 20.1

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 30.2
UTL (log) = 46.5
UTL (np) = 20.1

Trend = no trend
MK p = 0.133
MK s = 10

Rosner
Outliers = 1
CV% = 25.47

AWQS = 15 pCi/L

Figure: 4.12B

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Helvetia, AZ

Piteau Associates
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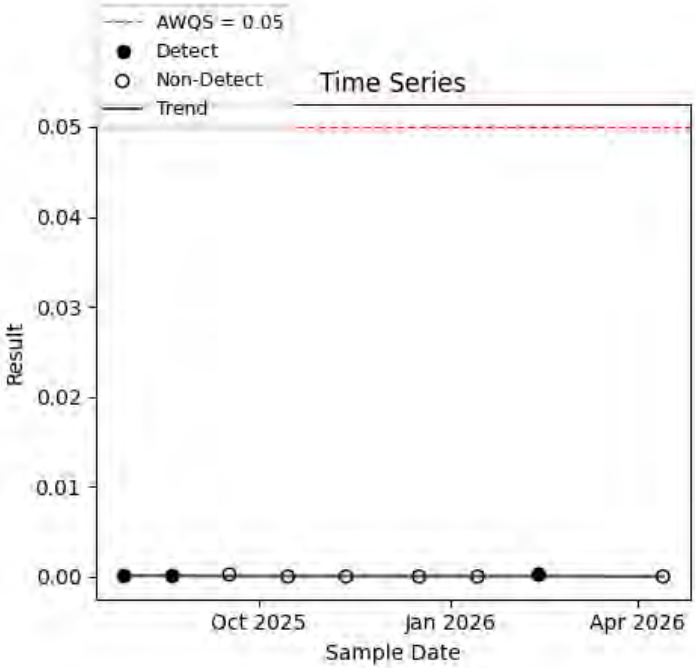
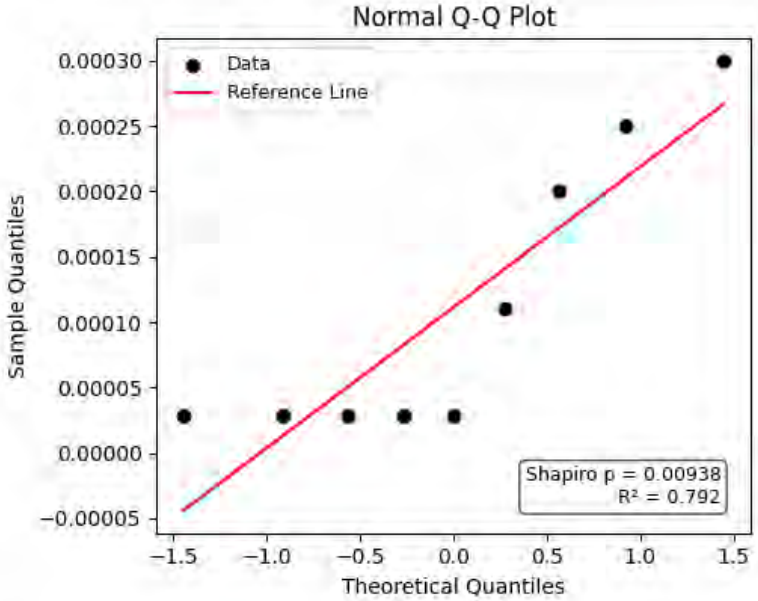
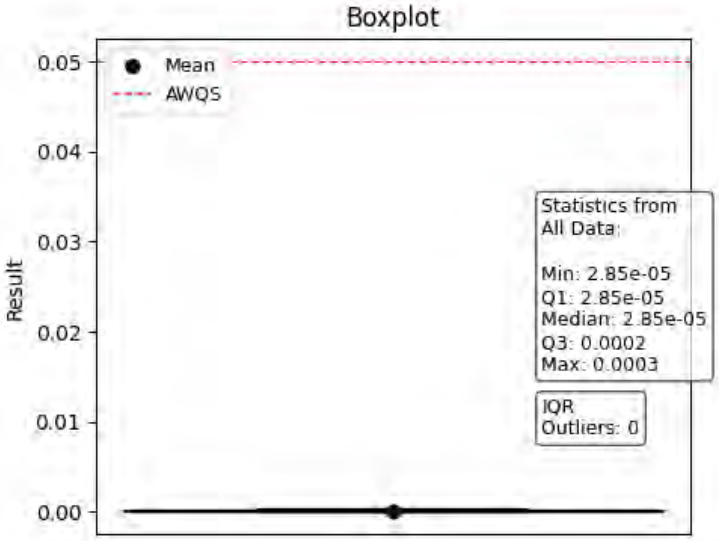
Approved: B. Giroux

POC-04 - Lead







Well ID: POC-04
Constituent: Lead
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000111
Median = 2.85e-05
Min = 2.85e-05
Max = 0.0003
StdDev = 0.00011
95%ile = 0.00028

% Non Detects = 66.7%

Distribution = Normal
UTL (norm) = 0.000445
UTL (log) = 0.00172
UTL (np) = 0.0003

Trend = no trend
MK p = 0.21
MK s = -8

Rosner
Outliers = 0
CV% = 98.85

AWQS = 0.05 mg/L

Figure: 4.13

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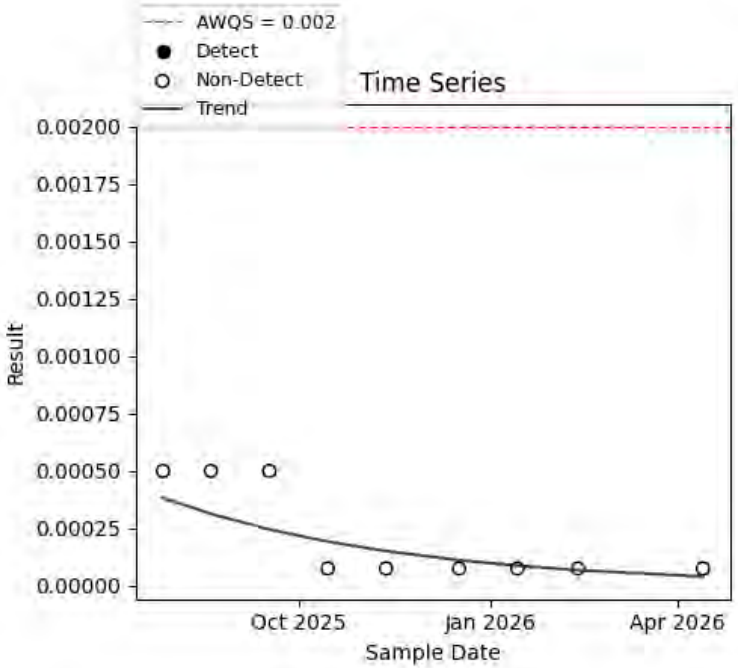
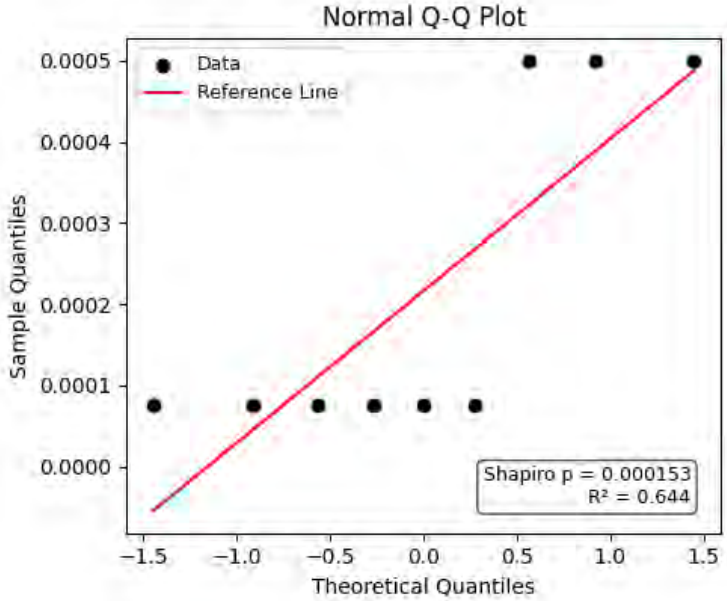
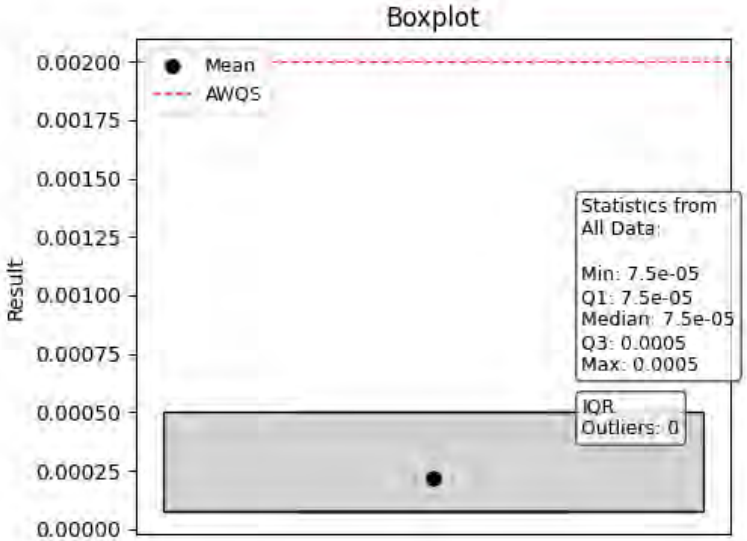
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Mercury







Well ID: POC-04
Constituent: Mercury
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000217
Median = 7.5e-05
Min = 7.5e-05
Max = 0.0005
StdDev = 0.000213
95%ile = 0.0005

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.000861
UTL (log) = 0.0025
UTL (np) = 0.0005

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 98.08

AWQS = 0.002 mg/L

Figure: 4.14

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Helvetia, AZ

Piteau Associates
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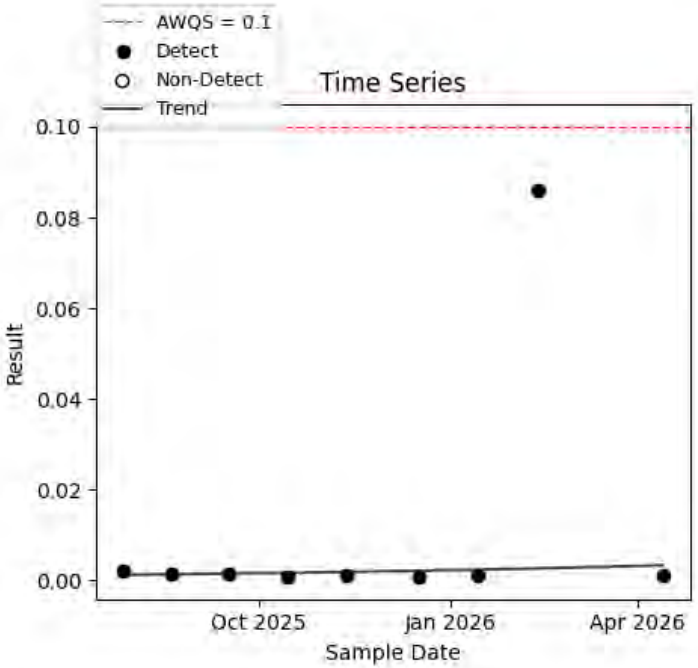
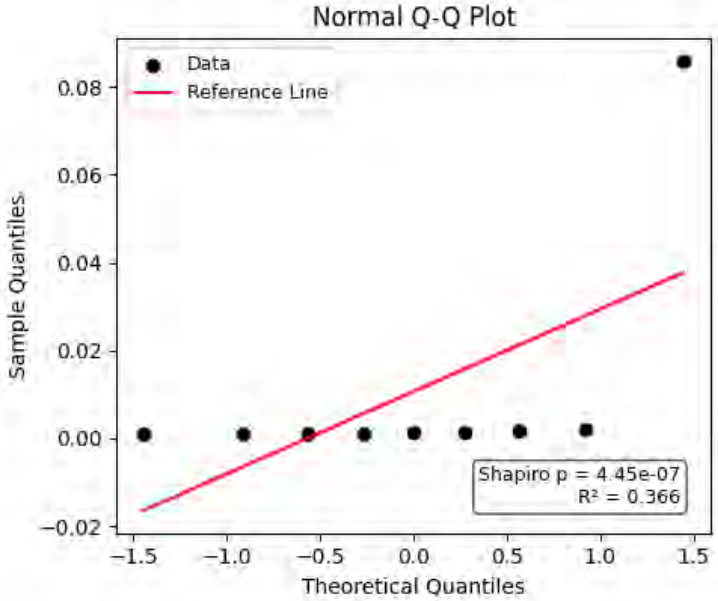
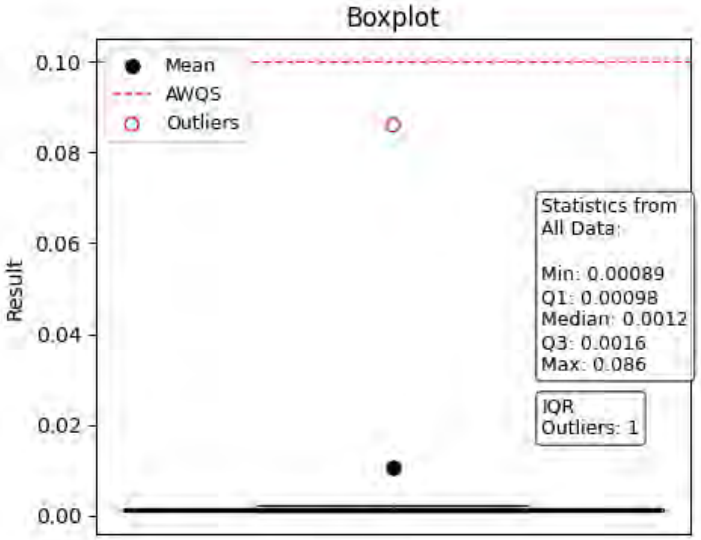
Approved: B. Giroux

POC-04 - Nickel







Well ID: POC-04
Constituent: Nickel
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0107
Median = 0.0012
Min = 0.00089
Max = 0.086
StdDev = 0.0282
95%ile = 0.0524

% Non Detects = 0.0%

Distribution = Nonparametric
UTL (norm) = 0.0963
UTL (log) = 0.157
UTL (np) = 0.086

Trend = no trend
MK p = 0.174
MK s = -10

Rosner
Outliers = 1
CV% = 264.62

AWQS = 0.1 mg/L

Figure: 4.15

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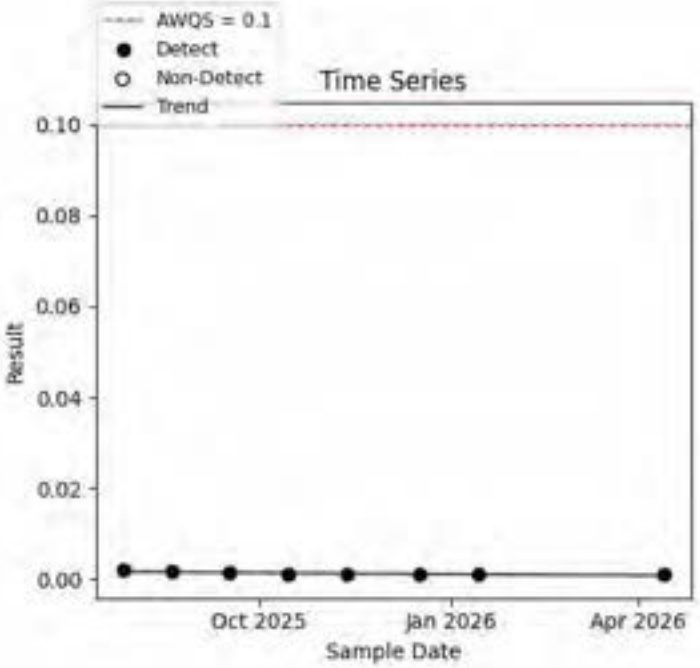
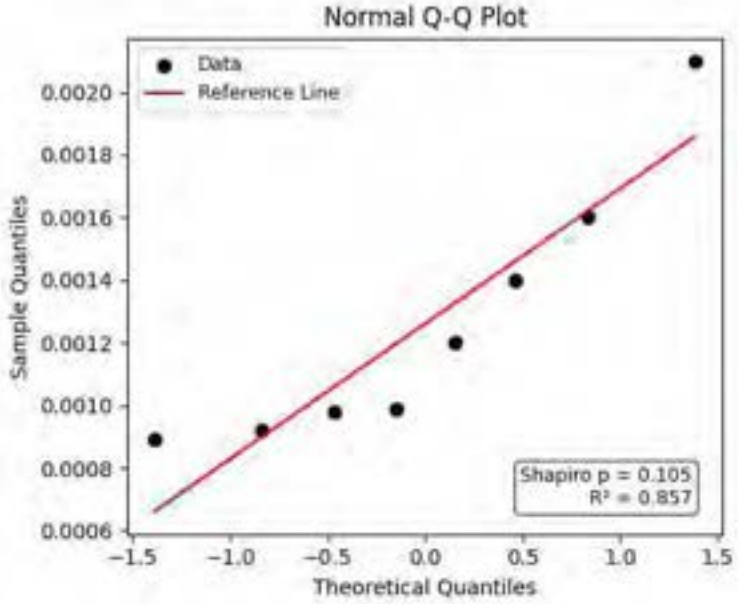
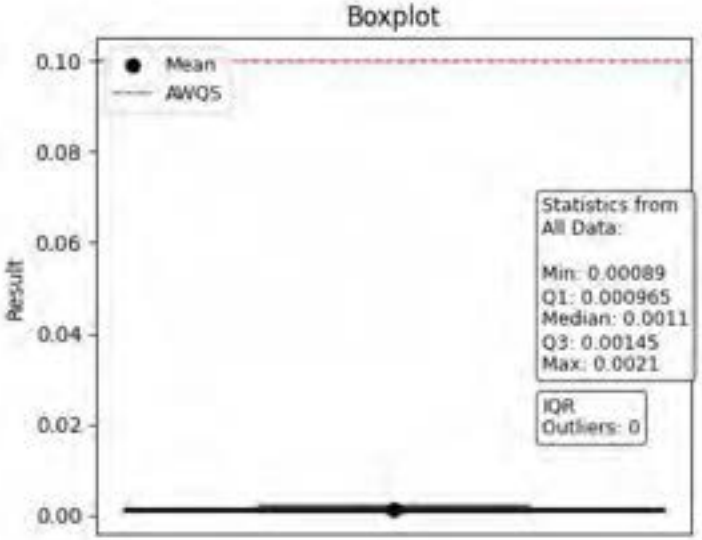
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Nickel







Well ID: POC-04
Constituent: Nickel
Units: mg/L
N = 8

Detect Only Stats:
Mean = 0.00126
Median = 0.0011
Min = 0.00089
Max = 0.0021
StdDev = 0.000422
95%ile = 0.00192

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00261
UTL (log) = 0.0032
UTL (np) = 0.0021

Trend = decreasing
MK p = 0.0317
MK s = -16

Rosner
Outliers = 0
CV% = 33.51

AWQS = 0.1 mg/L

Figure: 4.15B

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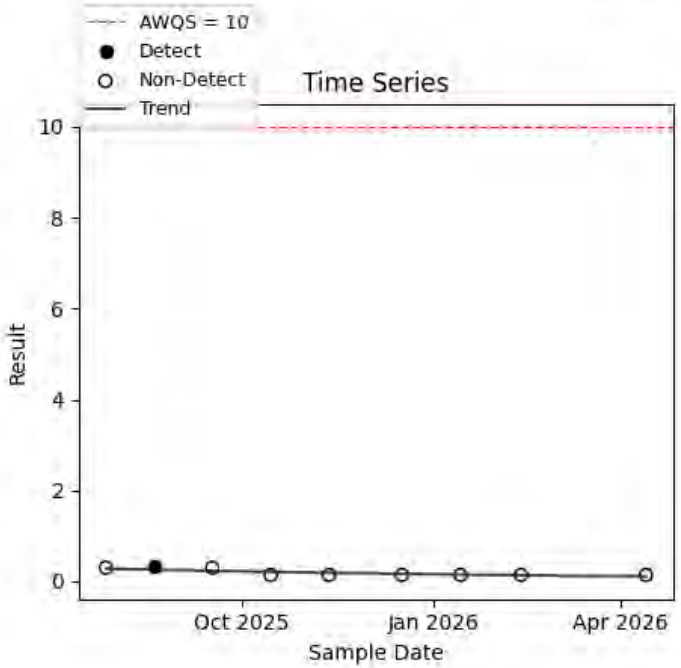
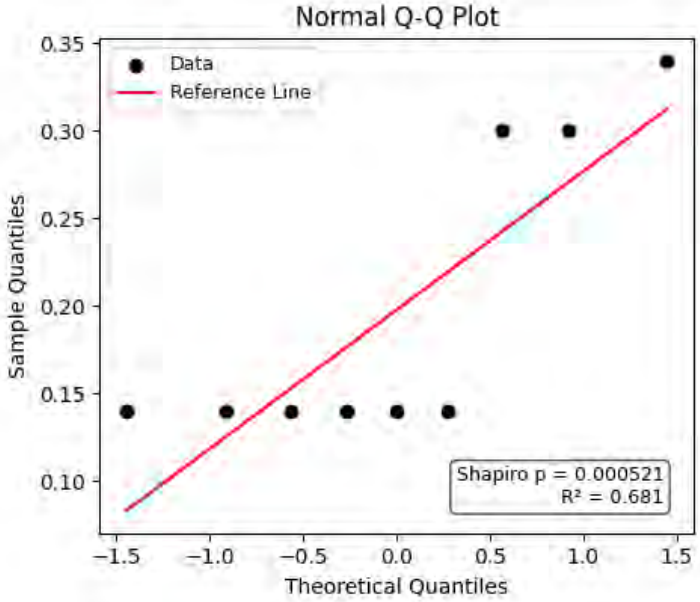
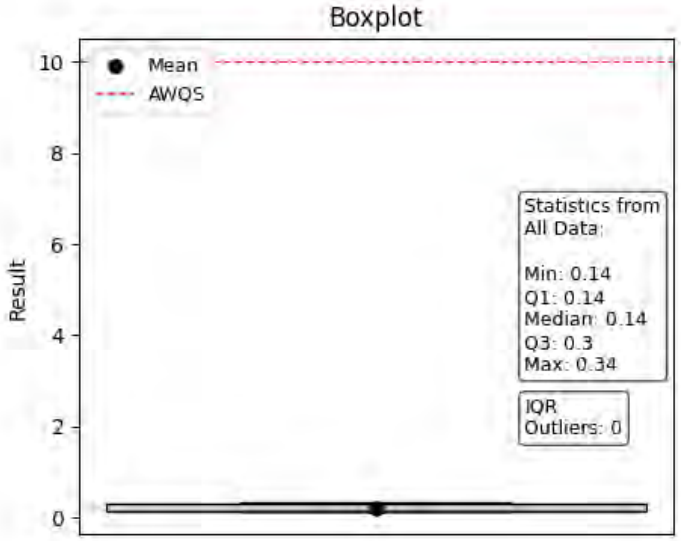
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Nitrate and Nitrite Sum







Well ID: POC-04
Constituent: Nitrate and Nitrite Sum
Units: nan
N = 9

Detect Only Stats:
Mean = 0.198
Median = 0.14
Min = 0.14
Max = 0.34
StdDev = 0.0874
95%ile = 0.324

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.463
UTL (log) = 0.622
UTL (np) = 0.34

Trend = decreasing
MK p = 0.0159
MK s = -18

Rosner
Outliers = 0
CV% = 44.21

AWQS = 10 nan

Figure: 4.16

Copper World, Inc.
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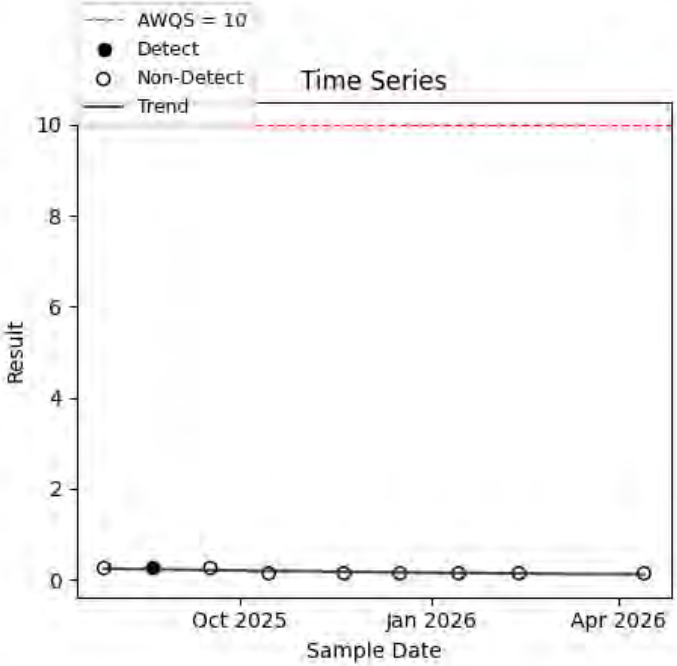
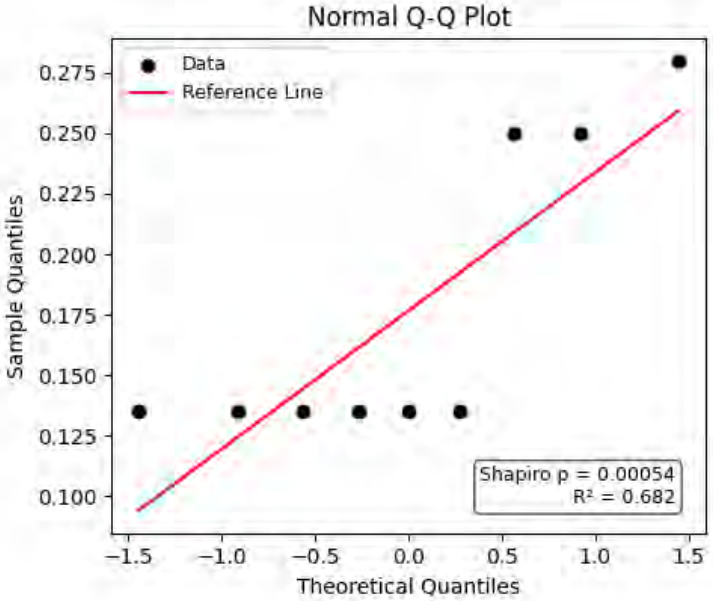
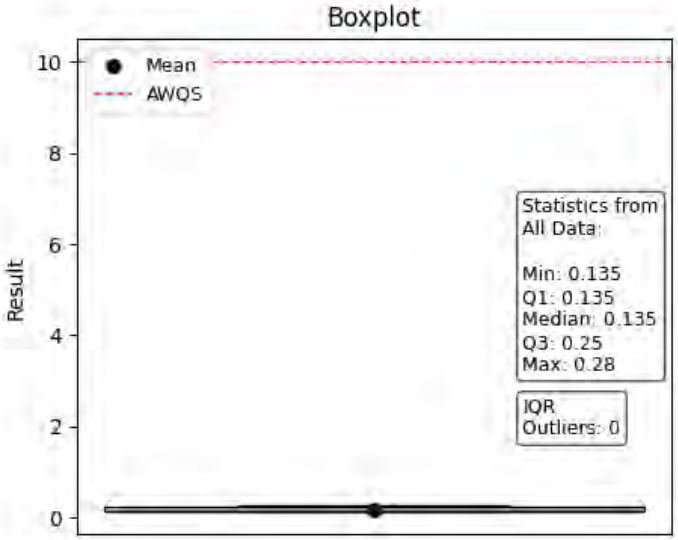
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Nitrogen, Nitrate (As N)







Well ID: POC-04
Constituent: Nitrogen, Nitrate (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.177
Median = 0.135
Min = 0.135
Max = 0.28
StdDev = 0.0631
95%ile = 0.268

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.368
UTL (log) = 0.455
UTL (np) = 0.28

Trend = decreasing
MK p = 0.0159
MK s = -18

Rosner
Outliers = 0
CV% = 35.72

AWQS = 10 mg/L

Figure: 4.17

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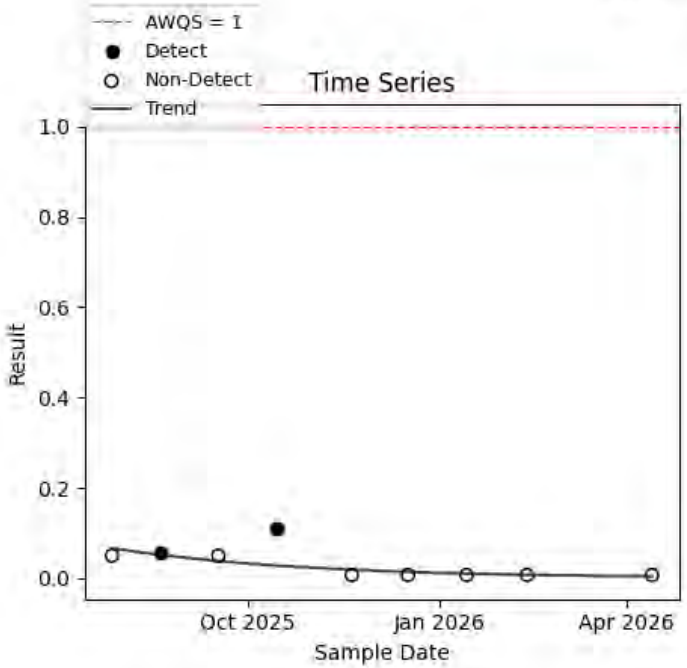
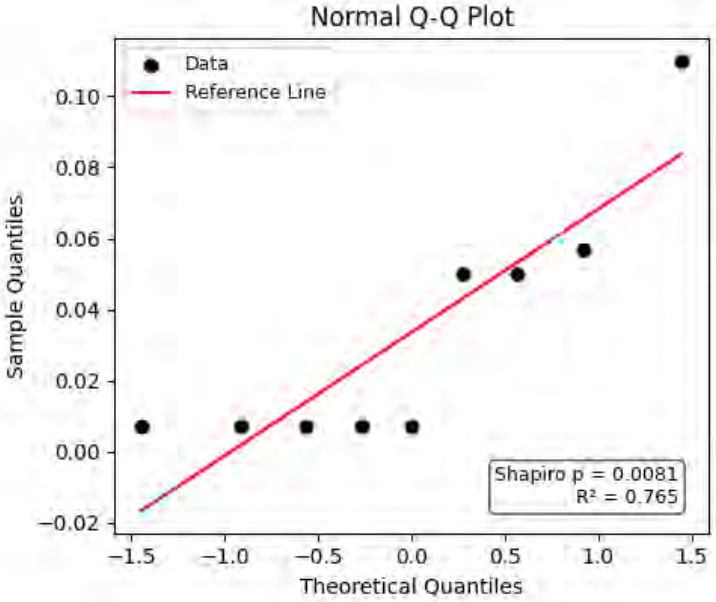
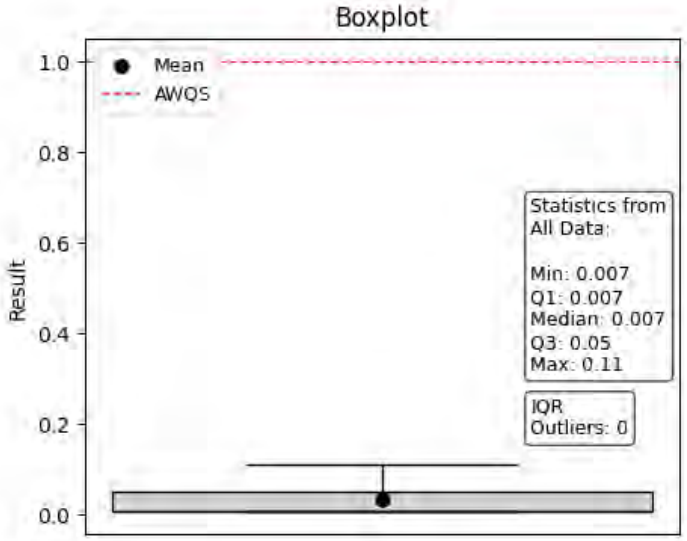
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Nitrogen, Nitrite (As N)







Well ID: POC-04
Constituent: Nitrogen, Nitrite (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0336
Median = 0.007
Min = 0.007
Max = 0.11
StdDev = 0.0362
95%ile = 0.0888

% Non Detects = 77.8%

Distribution = Normal
UTL (norm) = 0.143
UTL (log) = 0.665
UTL (np) = 0.11

Trend = decreasing
MK p = 0.0317
MK s = -17

Rosner
Outliers = 0
CV% = 107.76

AWQS = 1 mg/L

Figure: 4.18

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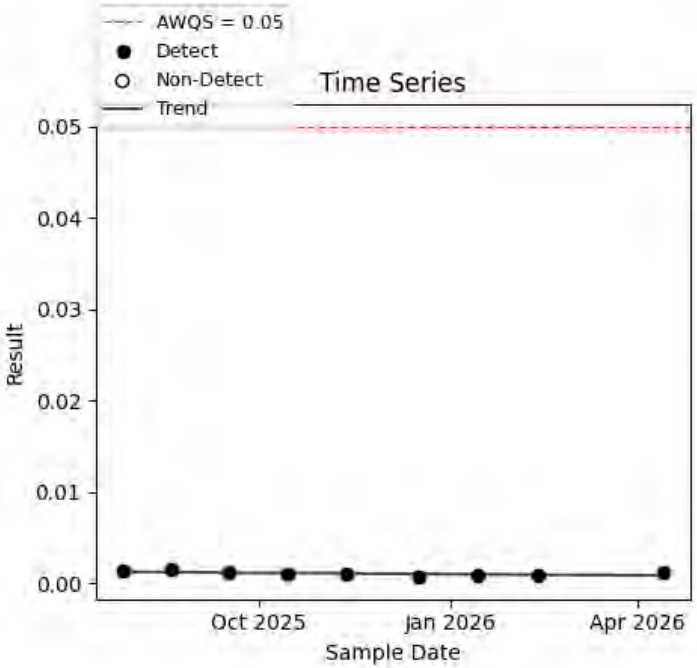
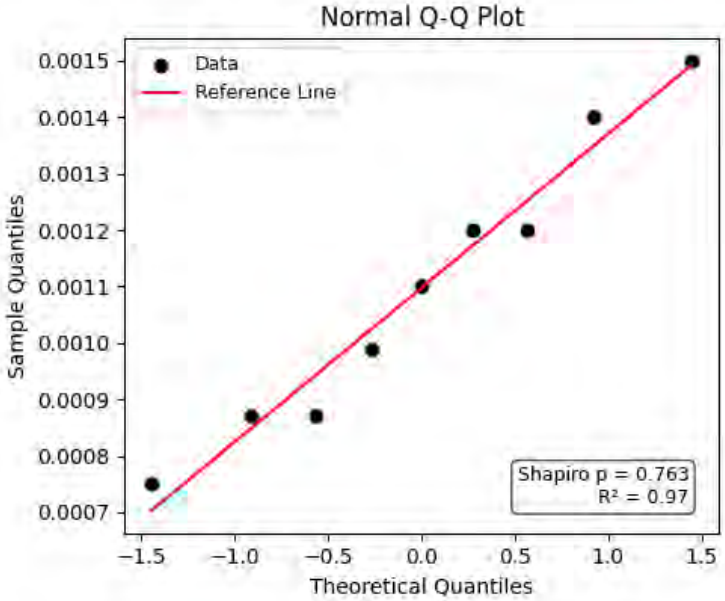
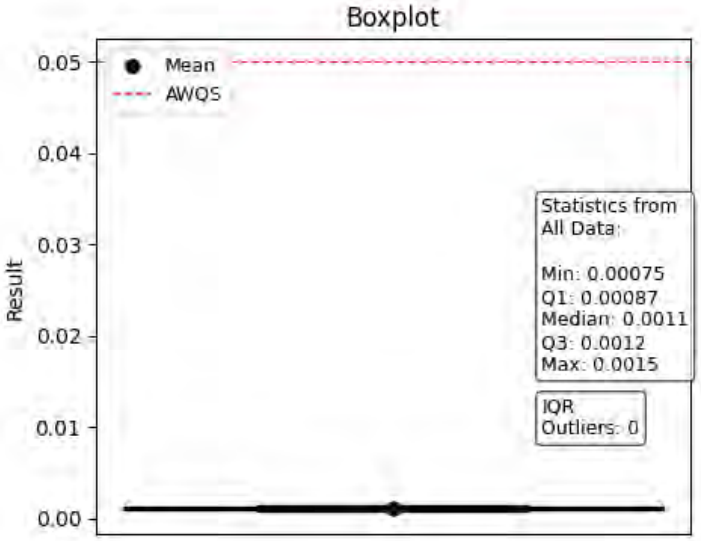
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Selenium







Well ID: POC-04
Constituent: Selenium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0011
Median = 0.0011
Min = 0.00075
Max = 0.0015
StdDev = 0.000253
95%ile = 0.00146

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00186
UTL (log) = 0.00217
UTL (np) = 0.0015

Trend = no trend
MK p = 0.0569
MK s = -16

Rosner
Outliers = 0
CV% = 23.01

AWQS = 0.05 mg/L

Figure: 4.19

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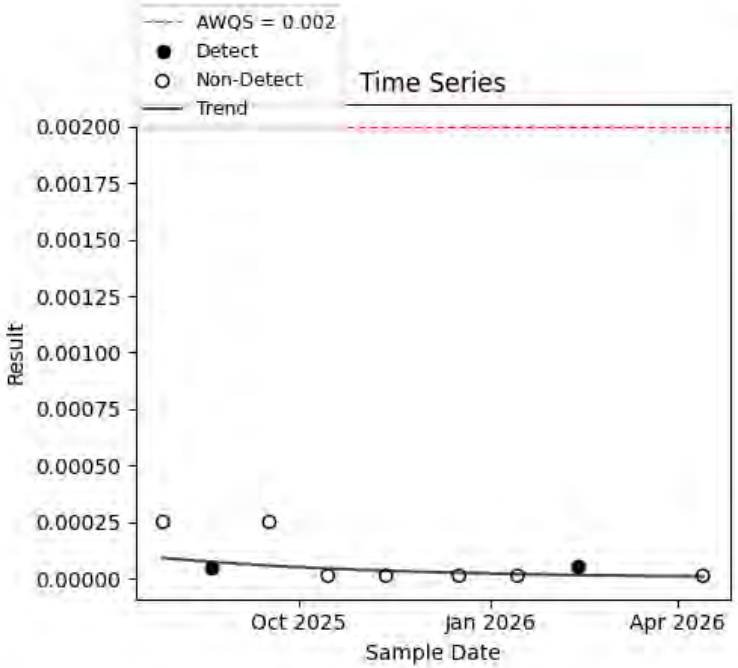
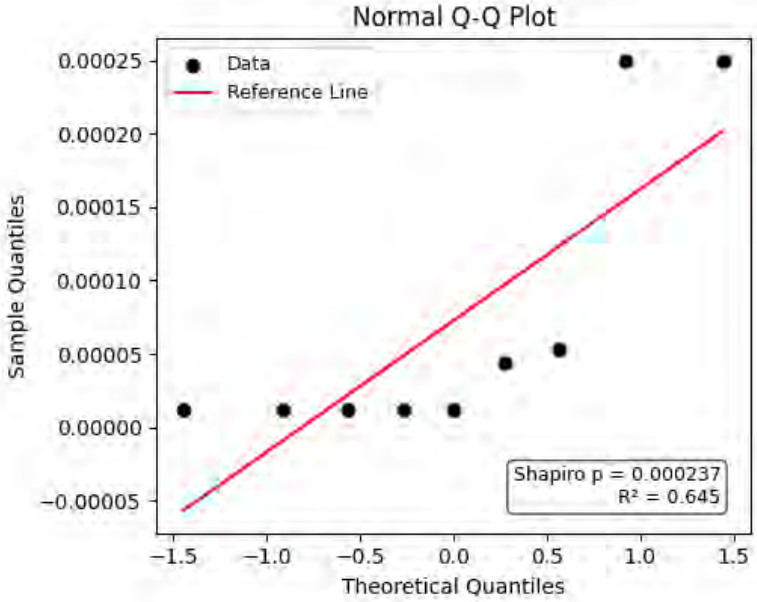
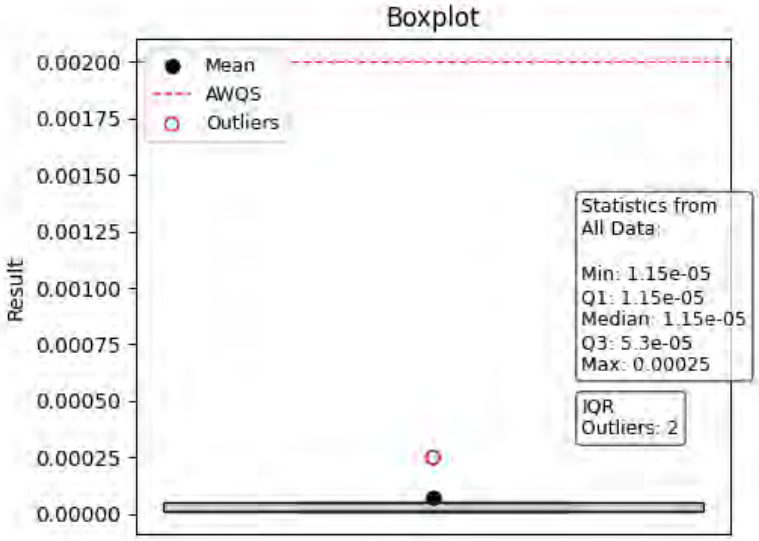
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Thallium







Well ID: POC-04
Constituent: Thallium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 7.27e-05
Median = 1.15e-05
Min = 1.15e-05
Max = 0.00025
StdDev = 0.000102
95%ile = 0.00025

% Non Detects = 77.8%

Distribution = Log-Normal
UTL (norm) = 0.000381
UTL (log) = 0.00174
UTL (np) = 0.00025

Trend = no trend
MK p = 0.082
MK s = -13

Rosner
Outliers = 0
CV% = 139.90

AWQS = 0.002 mg/L

Figure: 4.20

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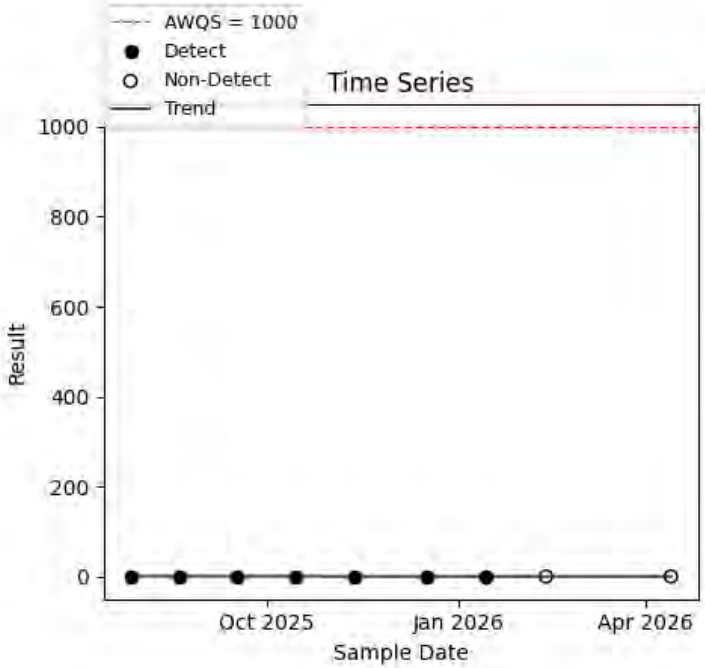
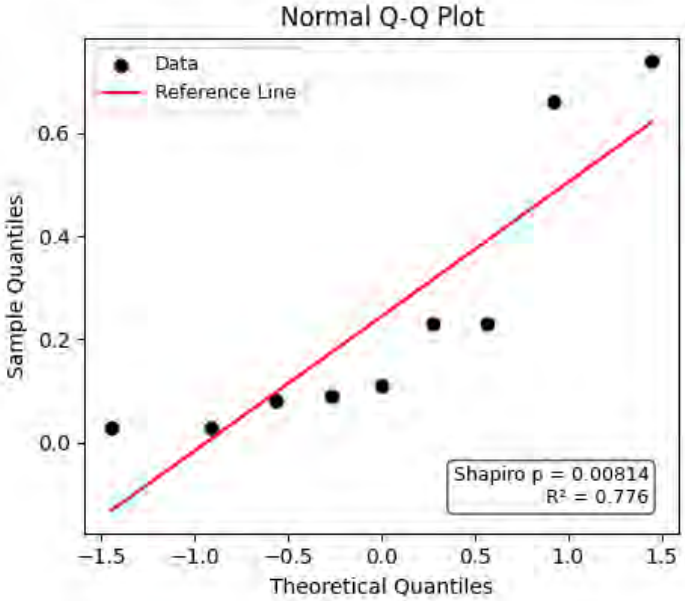
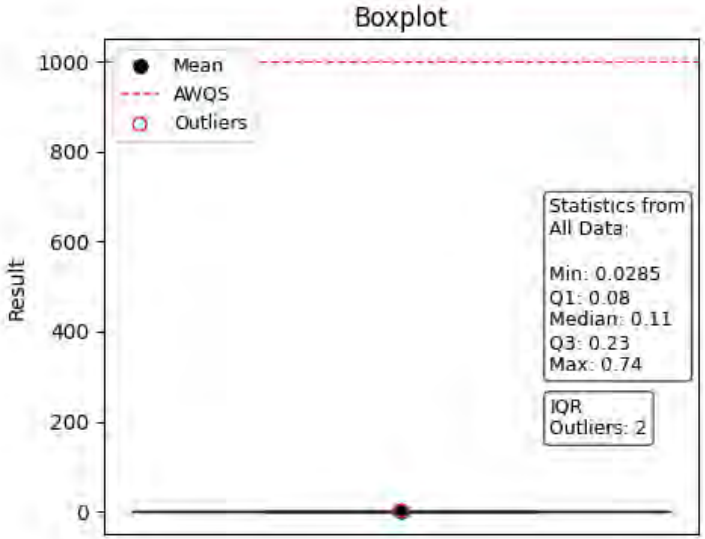
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Toluene







Well ID: POC-04
Constituent: Toluene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.244
Median = 0.11
Min = 0.0285
Max = 0.74
StdDev = 0.269
95%ile = 0.708

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 1.06
UTL (log) = 5.01
UTL (np) = 0.74

Trend = decreasing
MK p = 0.00767
MK s = -24

Rosner
Outliers = 0
CV% = 110.31

AWQS = 1e+03 ug/L

Figure: 4.21

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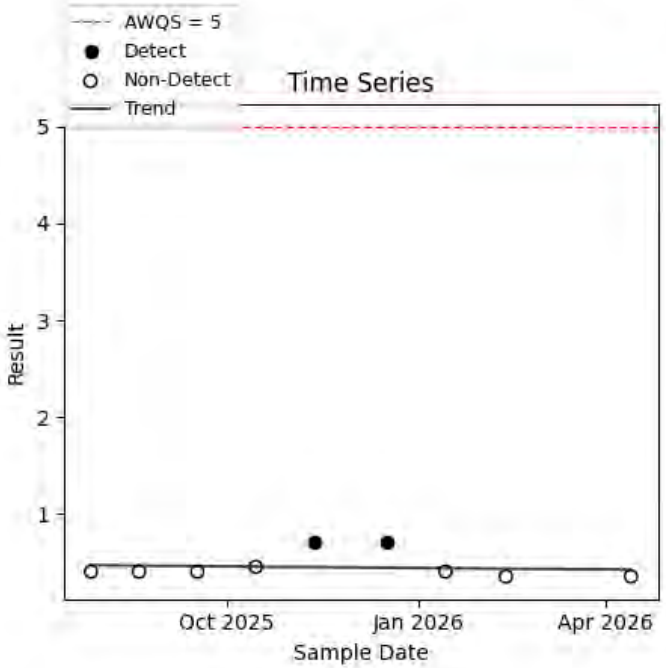
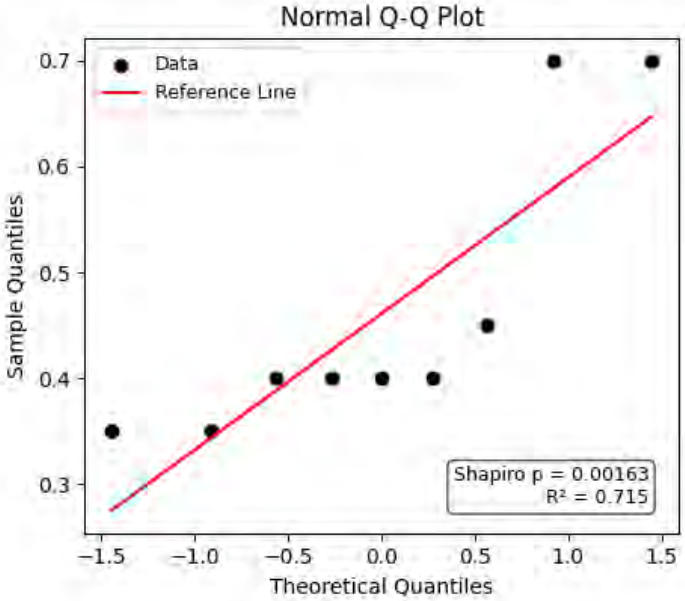
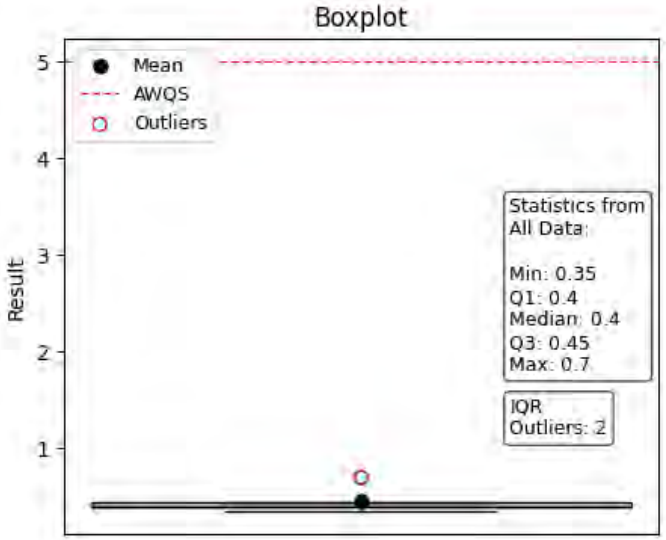
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-04 - Total Radium







Well ID: POC-04
Constituent: Total Radium
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 0.461
Median = 0.4
Min = 0.35
Max = 0.7
StdDev = 0.139
95%ile = 0.7

% Non Detects = 77.8%

Distribution = Log-Normal
UTL (norm) = 0.881
UTL (log) = 1
UTL (np) = 0.7

Trend = no trend
MK p = 0.29
MK s = -6

Rosner
Outliers = 0
CV% = 30.08

AWQS = 5 pCi/L

Figure: 4.22

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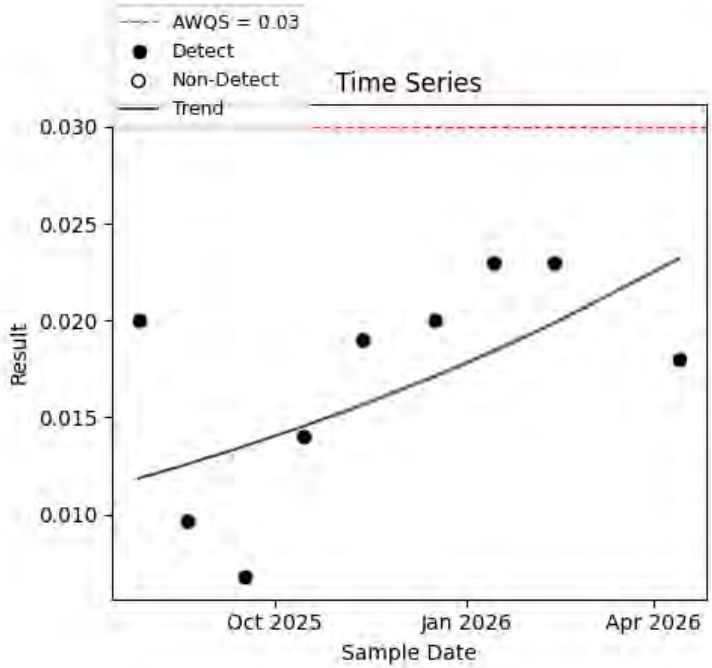
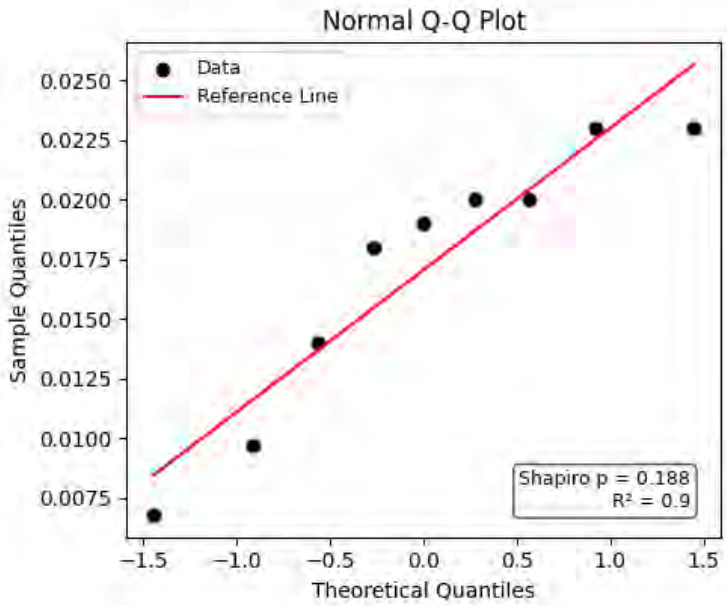
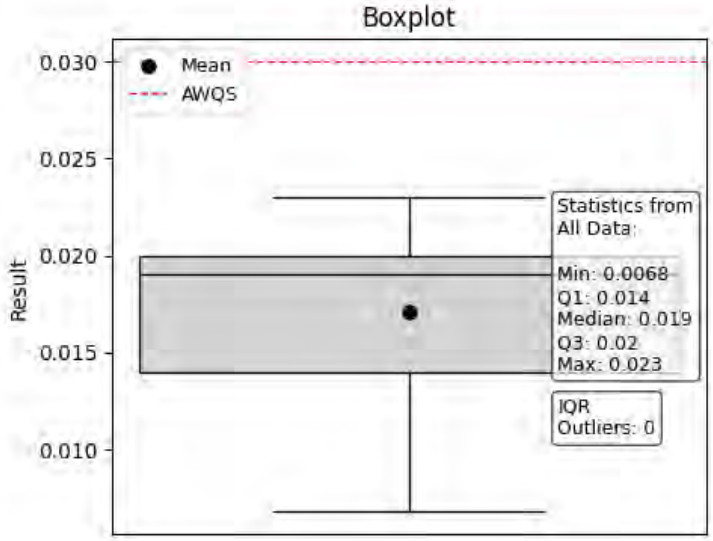
Approved: B. Giroux

POC-04 - Uranium







Well ID: POC-04
Constituent: Uranium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0171
Median = 0.019
Min = 0.0068
Max = 0.023
StdDev = 0.00572
95%ile = 0.023

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0344
UTL (log) = 0.0569
UTL (np) = 0.023

Trend = no trend
MK p = 0.0853
MK s = 14

Rosner
Outliers = 0
CV% = 33.51

AWQS = 0.03 mg/L

Figure: 4.23

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Helvetia, AZ

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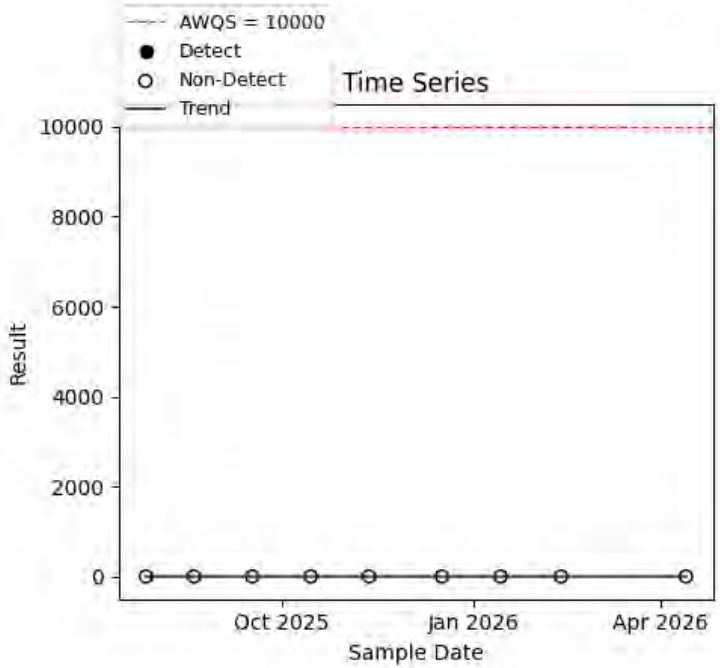
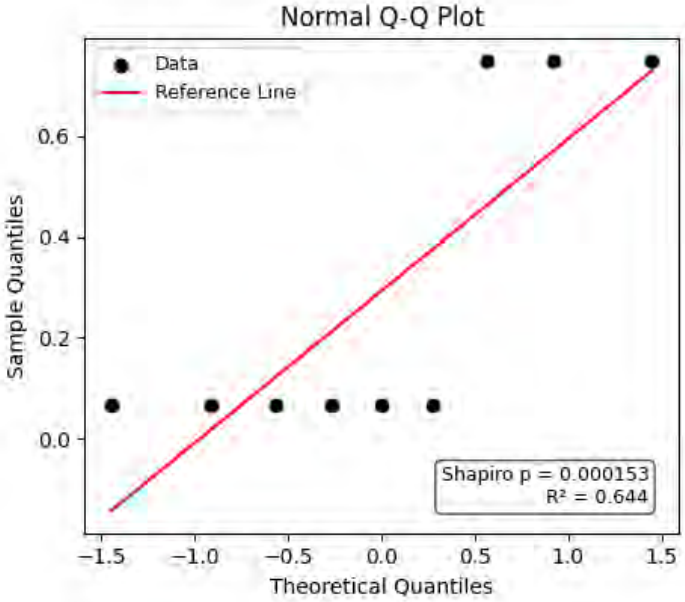
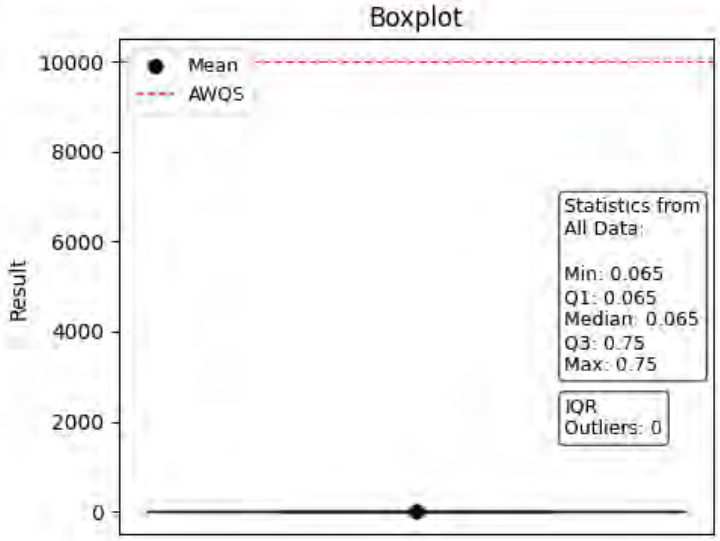
Approved: B. Giroux

POC-04 - Xylenes, Total







Well ID: POC-04
Constituent: Xylenes, Total
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.293
Median = 0.065
Min = 0.065
Max = 0.75
StdDev = 0.342
95%ile = 0.75

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 1.33
UTL (log) = 5.98
UTL (np) = 0.75

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 116.76

AWQS = 1e+04 ug/L

Figure: 4.24

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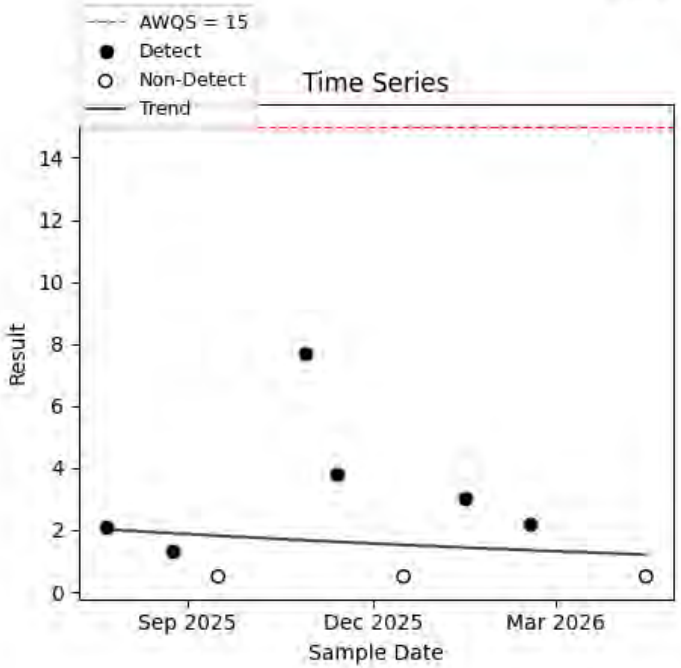
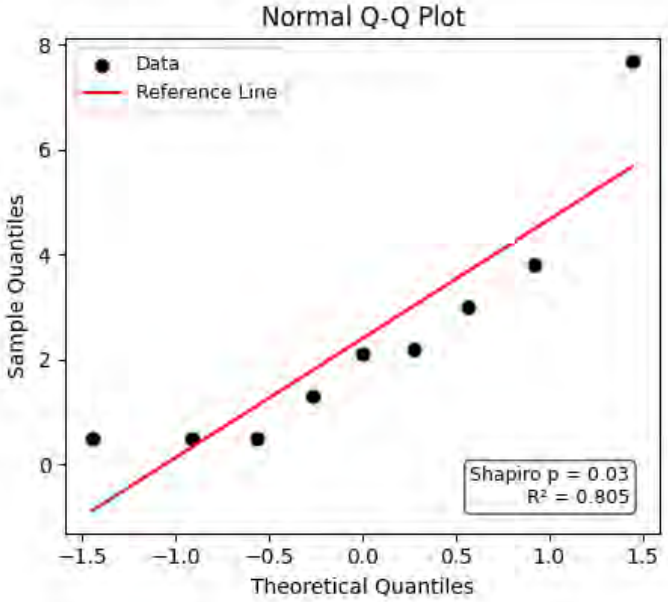
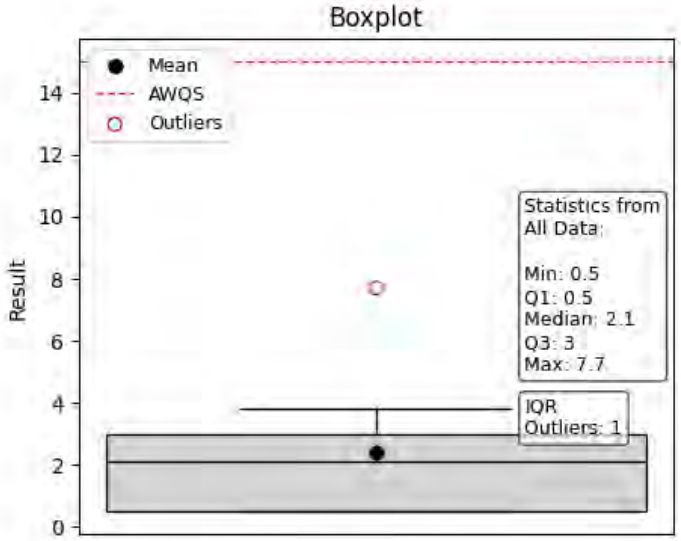
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Adjusted Gross Alpha







Well ID: POC-05
Constituent: Adjusted Gross Alpha
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 2.4
Median = 2.1
Min = 0.5
Max = 7.7
StdDev = 2.31
95%ile = 6.14

% Non Detects = 33.3%

Distribution = Normal
UTL (norm) = 9.39
UTL (log) = 32.3
UTL (np) = 7.7

Trend = no trend
MK p = 0.335
MK s = -5

Rosner
Outliers = 1
CV% = 96.13

AWQS = 15 pCi/L

Figure: 5.1

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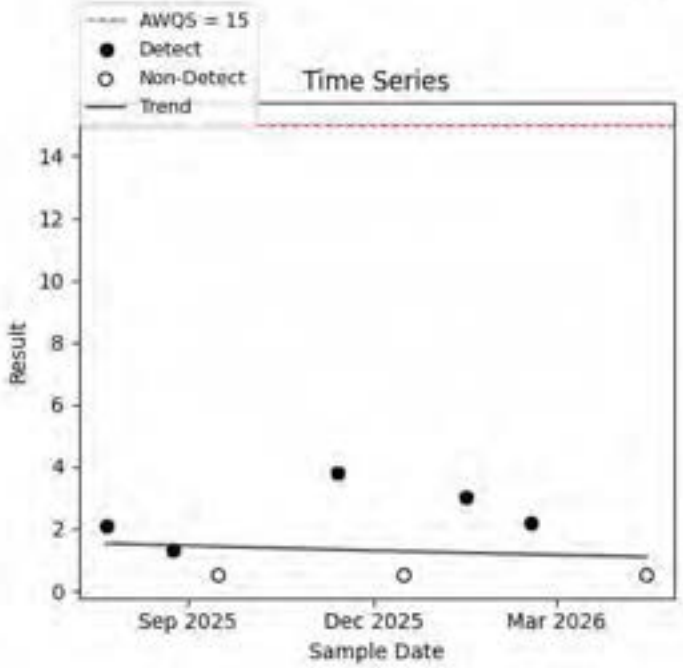
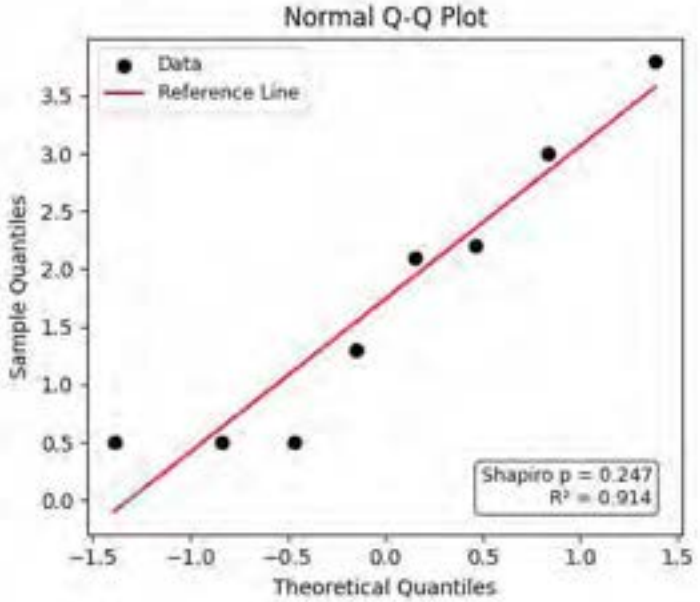
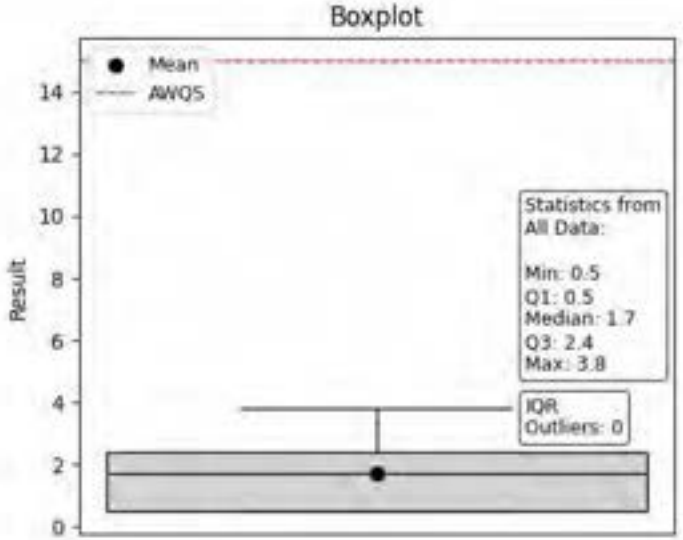
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Adjusted Gross Alpha







Well ID: POC-05
Constituent: Adjusted Gross Alpha
Units: pCi/L
N = 8

Detect Only Stats:
Mean = 1.74
Median = 1.7
Min = 0.5
Max = 3.8
StdDev = 1.25
95%ile = 3.52

% Non Detects = 37.5%

Distribution = Normal
UTL (norm) = 5.73
UTL (log) = 19.8
UTL (np) = 3.8

Trend = no trend
MK p = 0.399
MK s = -3

Rosner
Outliers = 0
CV% = 72.08

AWQS = 15 pCi/L

Figure: 5.1B

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Helvetia, AZ

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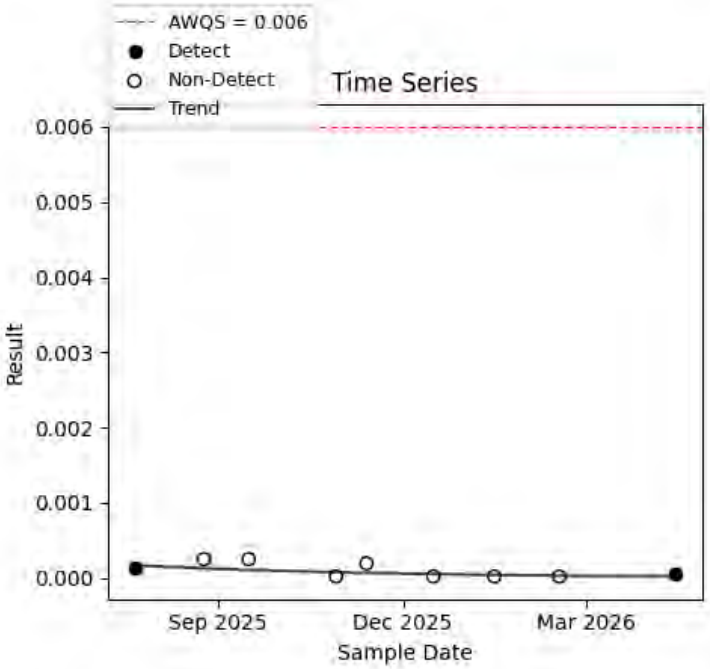
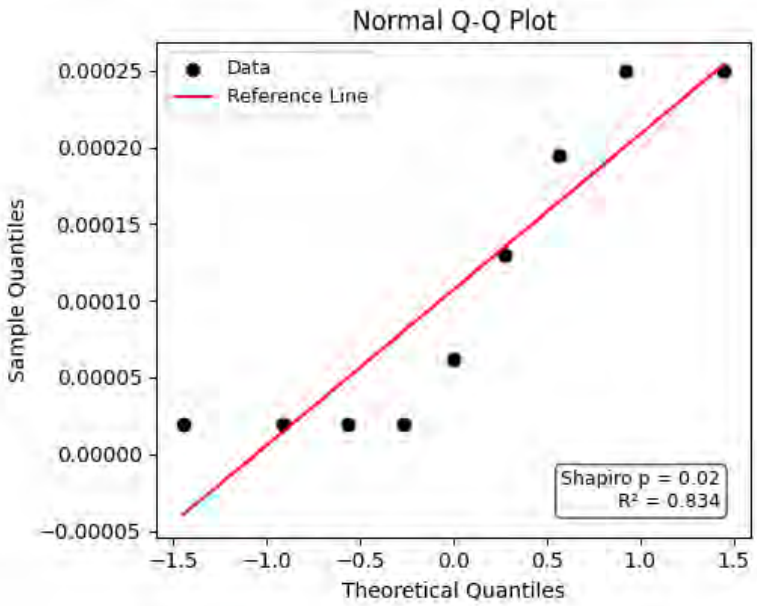
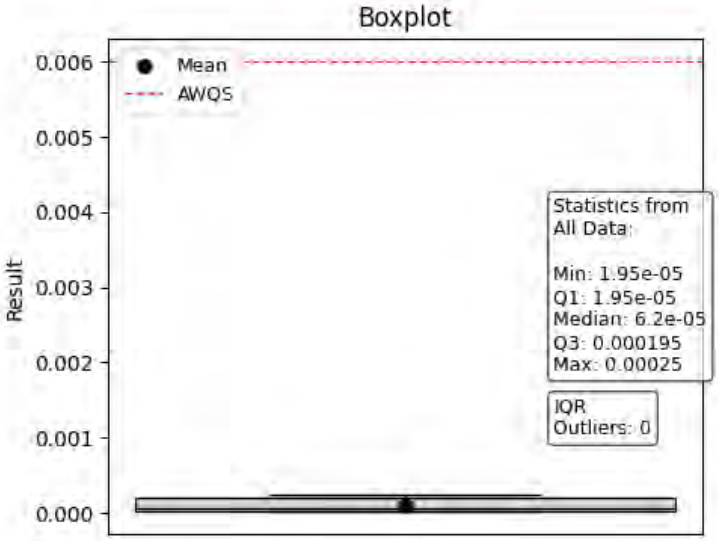
Approved: B. Giroux

POC-05 - Antimony







Well ID: POC-05
Constituent: Antimony
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000107
Median = 6.2e-05
Min = 1.95e-05
Max = 0.00025
StdDev = 0.000101
95%ile = 0.00025

% Non Detects = 77.8%

Distribution = Normal
UTL (norm) = 0.000414
UTL (log) = 0.00221
UTL (np) = 0.00025

Trend = no trend
MK p = 0.093
MK s = -13

Rosner
Outliers = 0
CV% = 94.32

AWQS = 0.006 mg/L

Figure: 5.2

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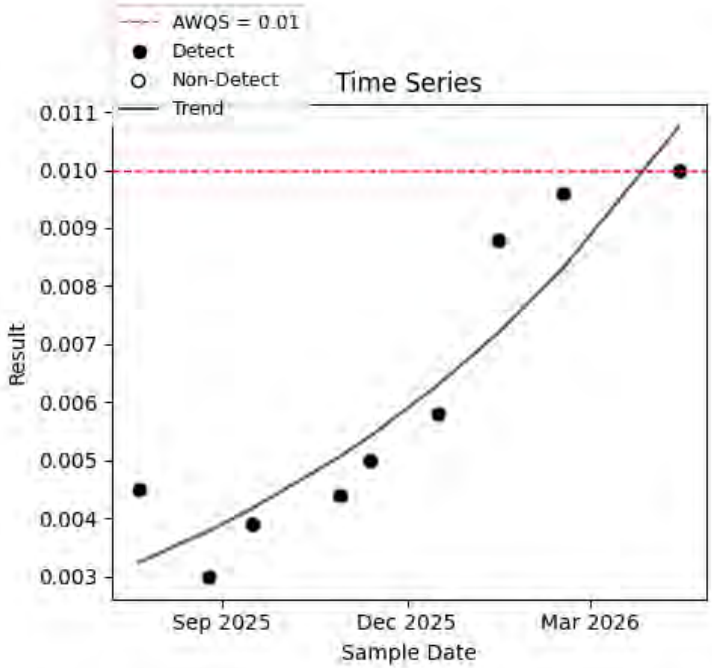
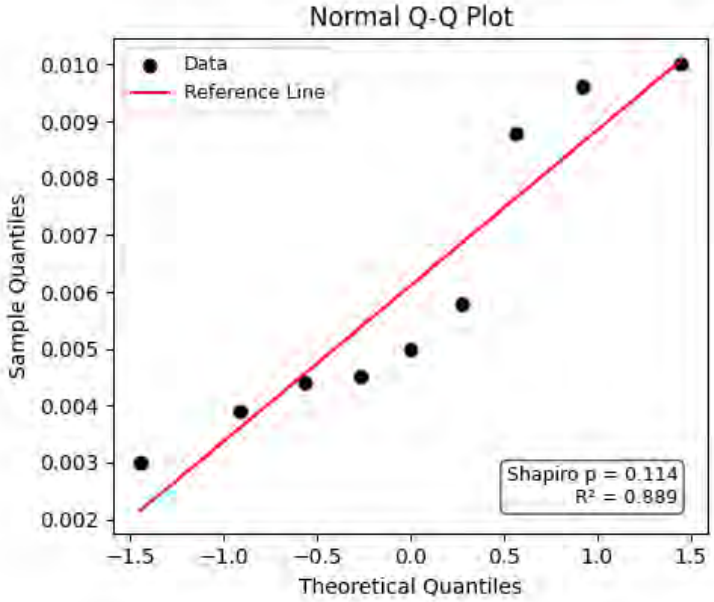
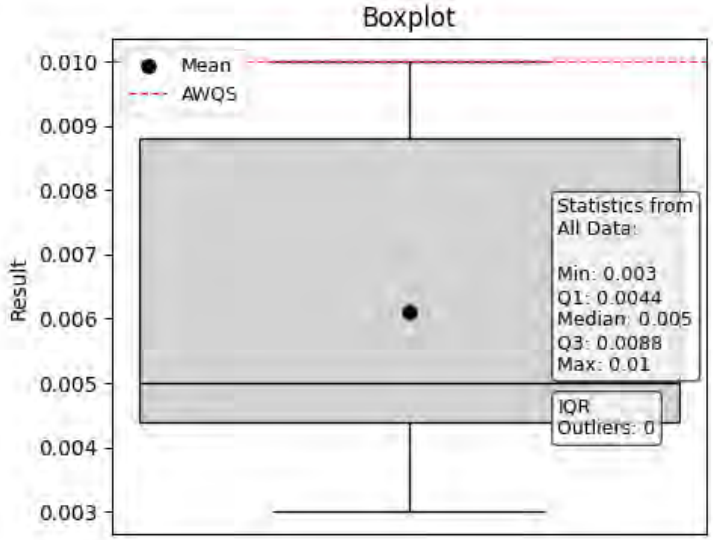
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Arsenic







Well ID: POC-05
Constituent: Arsenic
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00611
Median = 0.005
Min = 0.003
Max = 0.01
StdDev = 0.00264
95%ile = 0.00984

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0141
UTL (log) = 0.0207
UTL (np) = 0.01

Trend = increasing
MK p = 0.00125
MK s = 30

Rosner
Outliers = 0
CV% = 43.27

AWQS = 0.01 mg/L

Figure: 5.3

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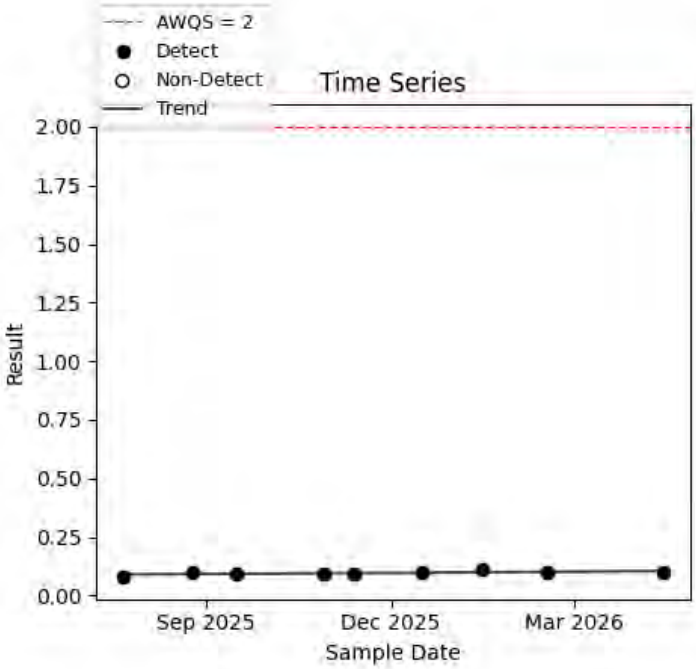
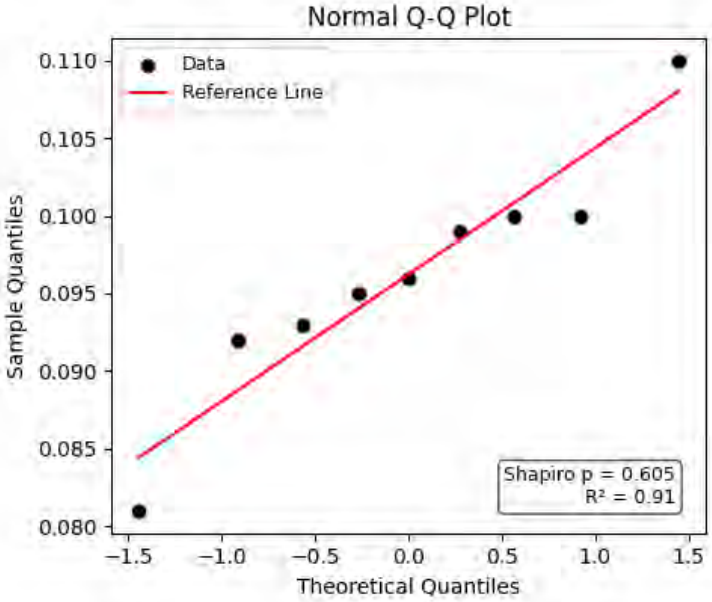
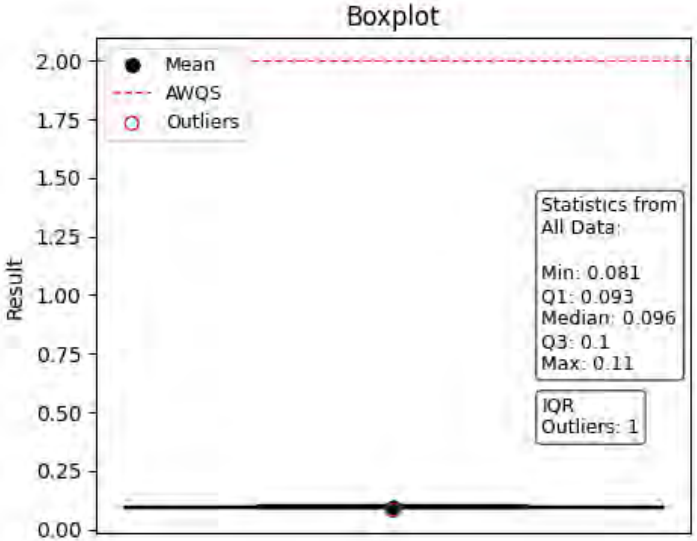
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Barium







Well ID: POC-05
Constituent: Barium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0962
Median = 0.096
Min = 0.081
Max = 0.11
StdDev = 0.00781
95%ile = 0.106

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.12
UTL (log) = 0.123
UTL (np) = 0.11

Trend = increasing
MK p = 0.0467
MK s = 17

Rosner
Outliers = 0
CV% = 8.11

AWQS = 2 mg/L

Figure: 5.4

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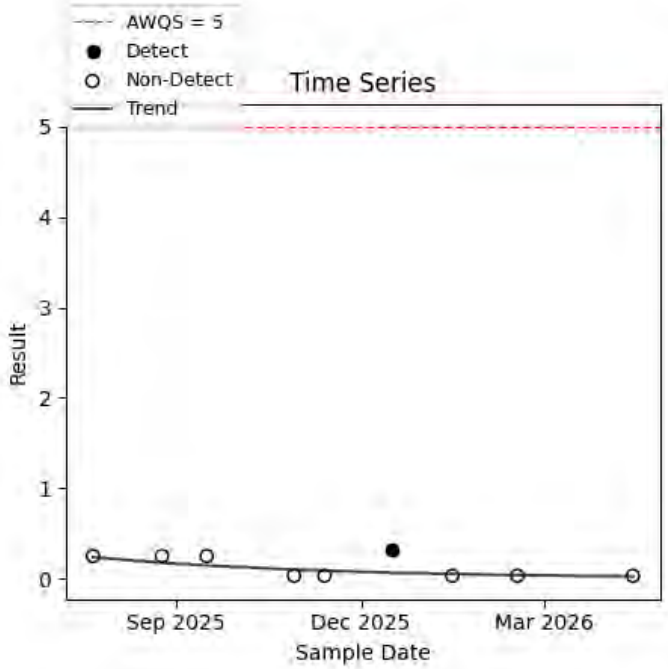
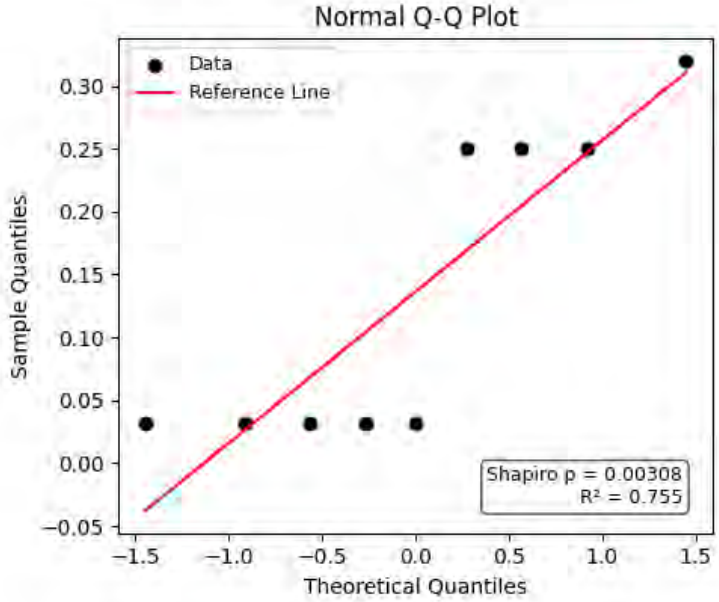
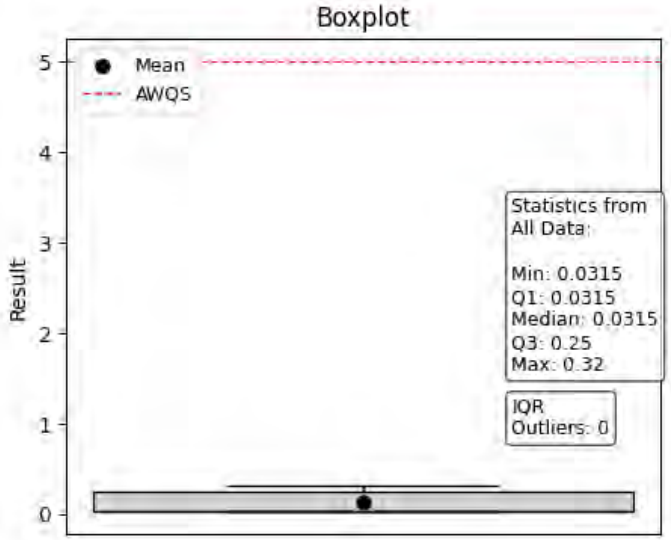
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Benzene







Well ID: POC-05
Constituent: Benzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.136
Median = 0.0315
Min = 0.0315
Max = 0.32
StdDev = 0.126
95%ile = 0.292

% Non Detects = 88.9%

Distribution = Normal
UTL (norm) = 0.519
UTL (log) = 2.47
UTL (np) = 0.32

Trend = no trend
MK p = 0.0782
MK s = -13

Rosner
Outliers = 0
CV% = 92.54

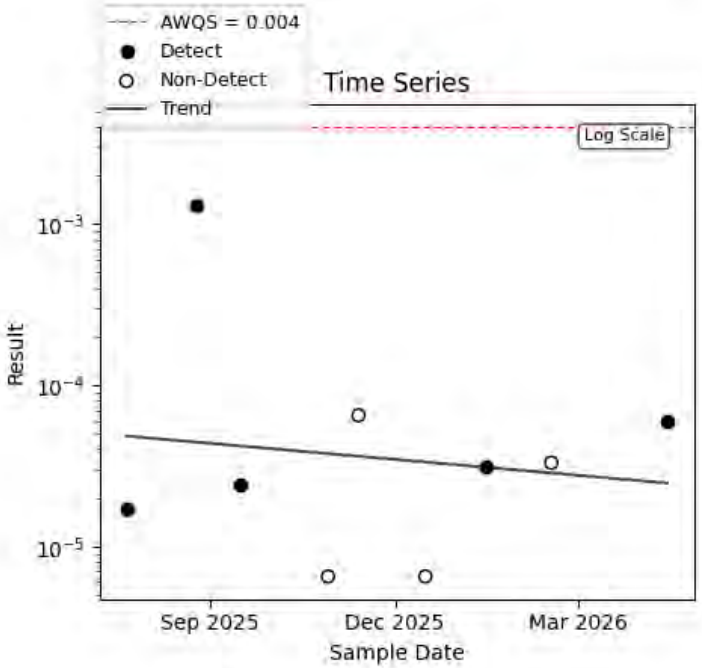
AWQS = 5 ug/L

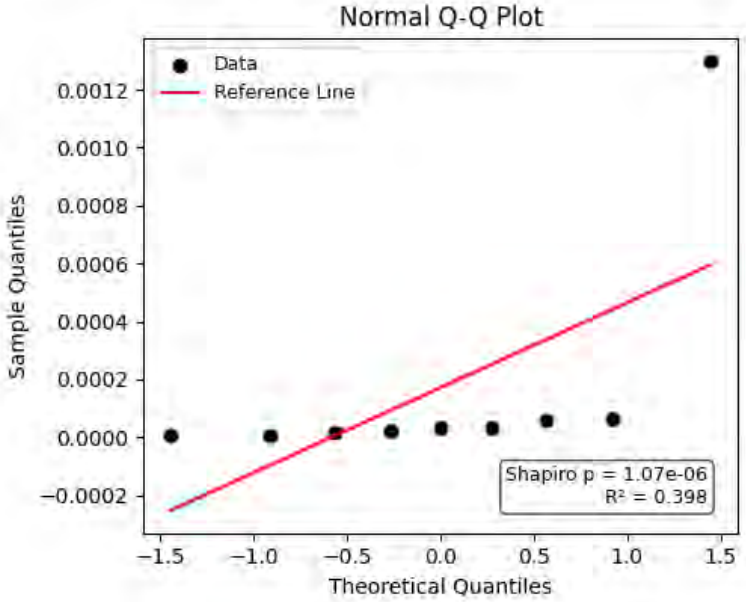
Figure: 5.5

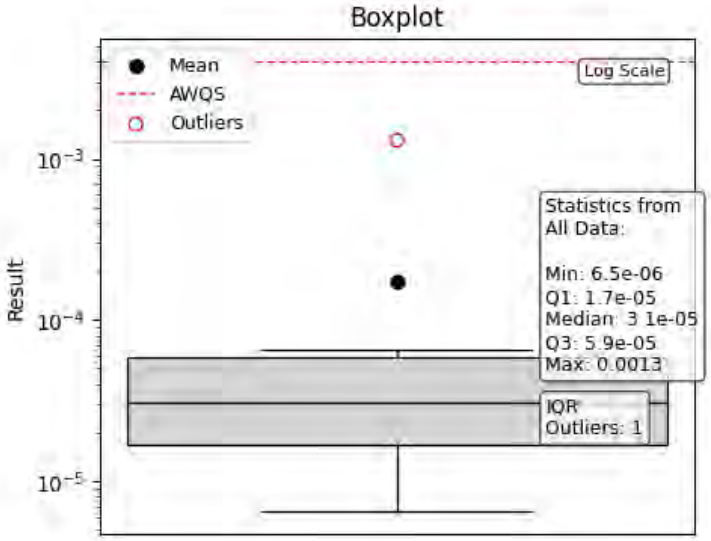
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Beryllium







Well ID: POC-05
Constituent: Beryllium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000171
Median = 3.1e-05
Min = 6.5e-06
Max = 0.0013
StdDev = 0.000424
95%ile = 0.000806

% Non Detects = 44.4%

Distribution = Log-Normal
UTL (norm) = 0.00146
UTL (log) = 0.00431
UTL (np) = 0.0013

Trend = no trend
MK p = 0.337
MK s = 5

Rosner
Outliers = 1
CV% = 247.32

AWQS = 0.004 mg/L

Figure: 5.6

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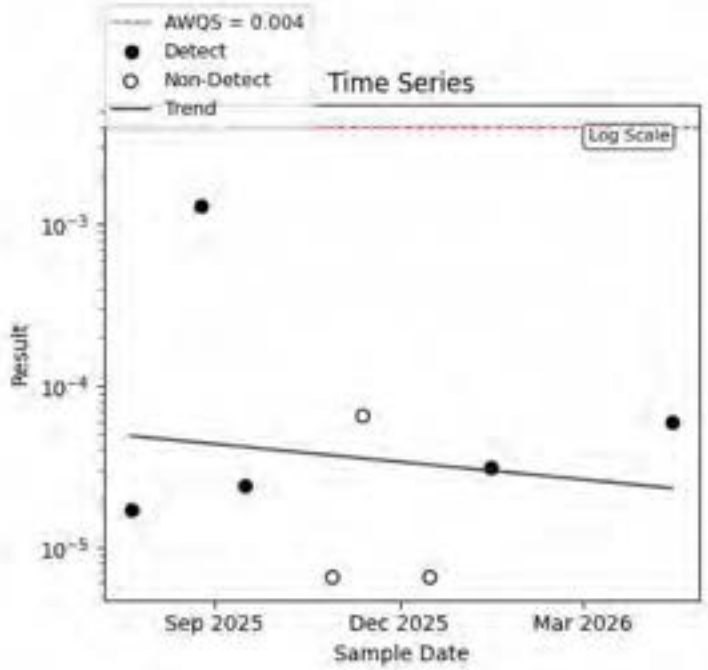
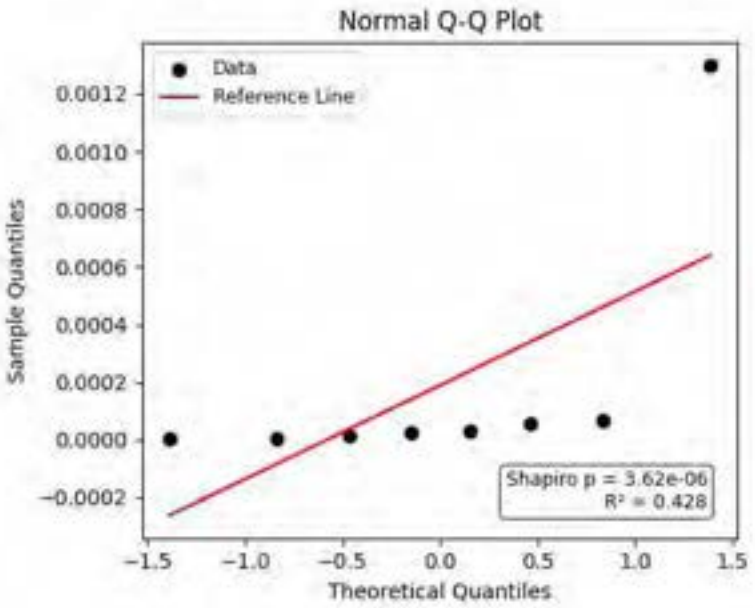
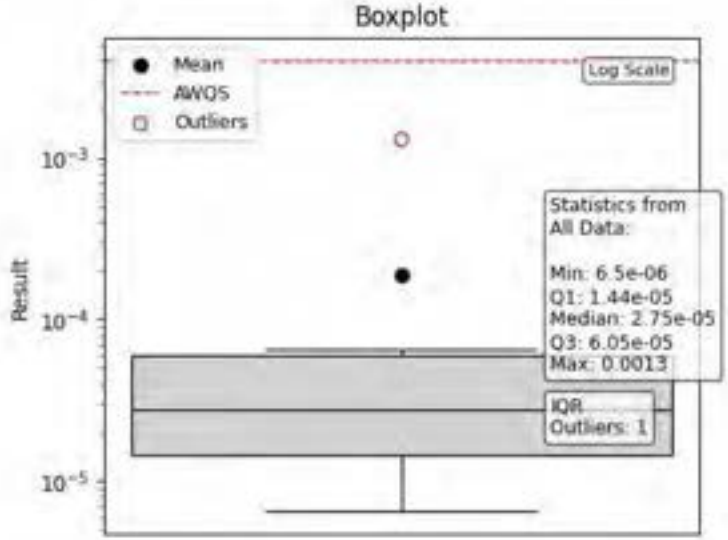
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Beryllium







Well ID: POC-05
Constituent: Beryllium
Units: mg/L
N = 8

Detect Only Stats:
Mean = 0.000189
Median = 2.75e-05
Min = 6.5e-06
Max = 0.0013
StdDev = 0.00045
95%ile = 0.000868

% Non Detects = 37.5%

Distribution = Log-Normal
UTL (norm) = 0.00162
UTL (log) = 0.00788
UTL (np) = 0.0013

Trend = no trend
MK p = 0.5
MK s = 1

Rosner
Outliers = 1
CV% = 238.36

AWQS = 0.004 mg/L

Figure: 5.6B

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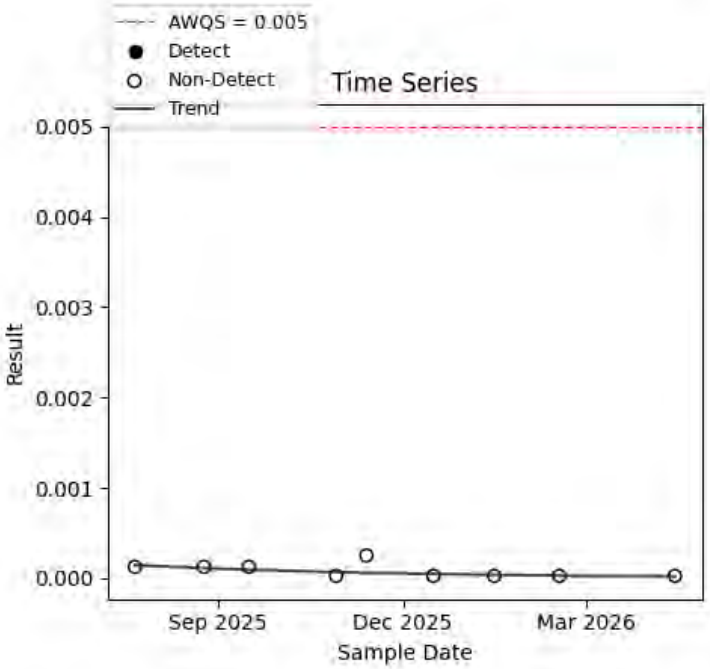
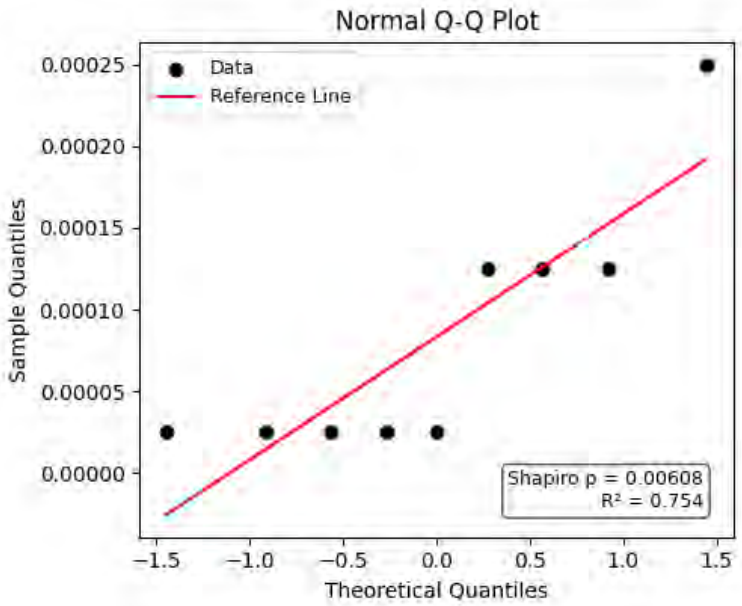
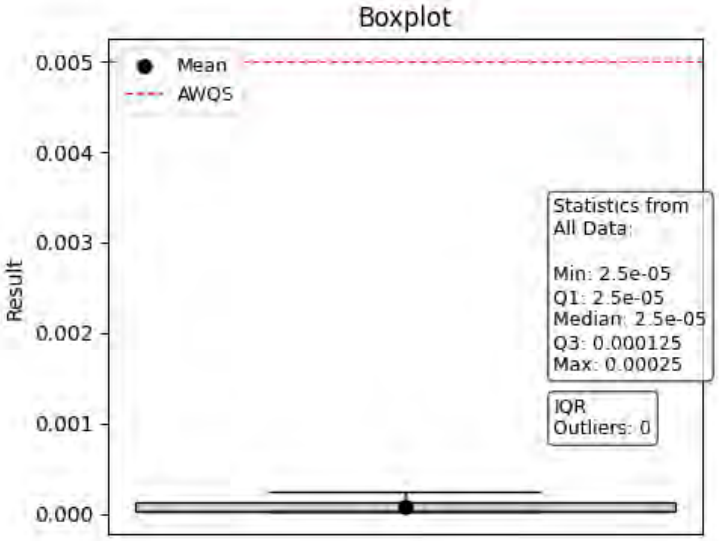
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Cadmium







Well ID: POC-05
Constituent: Cadmium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 8.33e-05
Median = 2.5e-05
Min = 2.5e-05
Max = 0.00025
StdDev = 7.91e-05
95%ile = 0.0002

% Non Detects = 100.0%

Distribution = Normal
UTL (norm) = 0.000323
UTL (log) = 0.00102
UTL (np) = 0.00025

Trend = decreasing
MK p = 0.0491
MK s = -15

Rosner
Outliers = 0
CV% = 94.87

AWQS = 0.005 mg/L

Figure: 5.7

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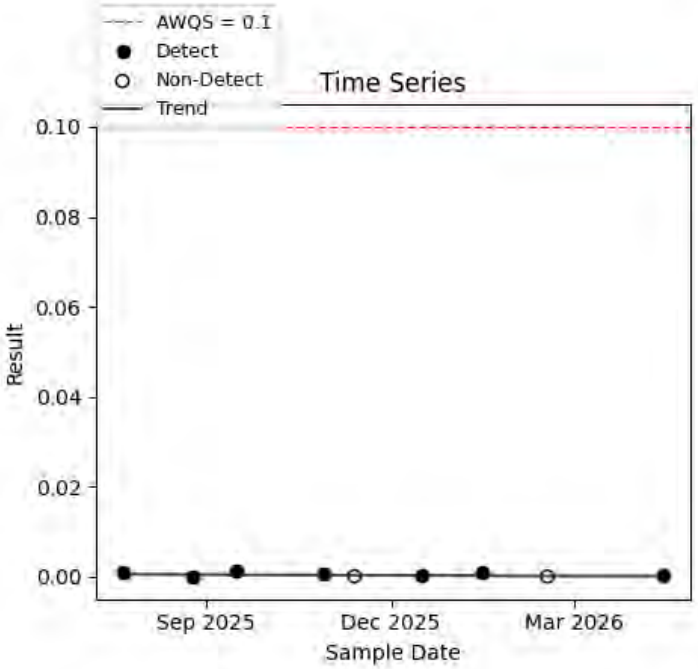
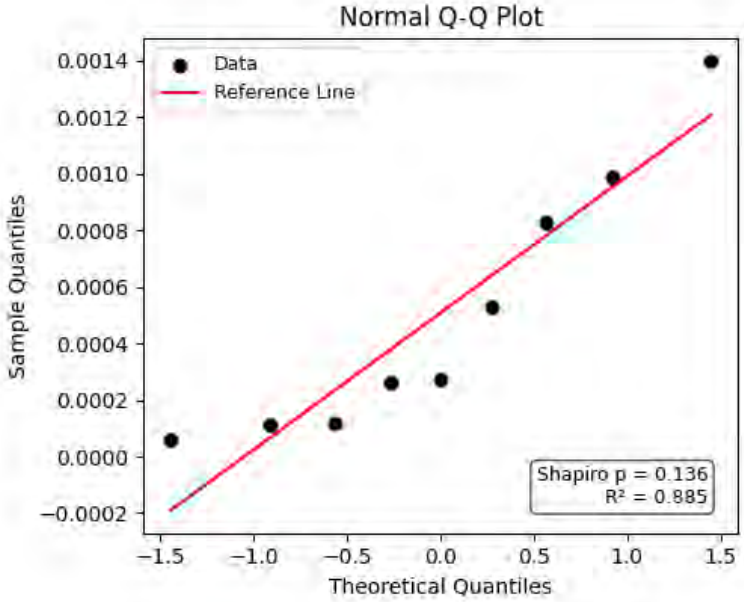
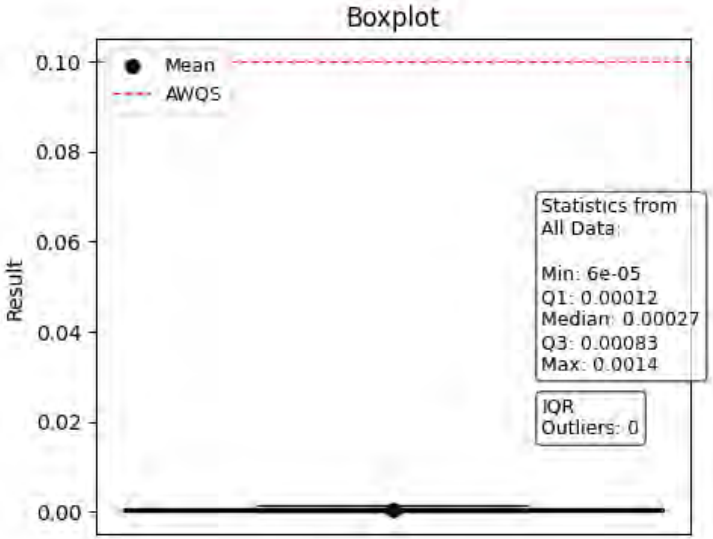
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Chromium







Well ID: POC-05
Constituent: Chromium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000508
Median = 0.00027
Min = 6e-05
Max = 0.0014
StdDev = 0.000469
95%ile = 0.00124

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 0.00193
UTL (log) = 0.00871
UTL (np) = 0.0014

Trend = no trend
MK p = 0.126
MK s = -12

Rosner
Outliers = 0
CV% = 92.17

AWQS = 0.1 mg/L

Figure: 5.8

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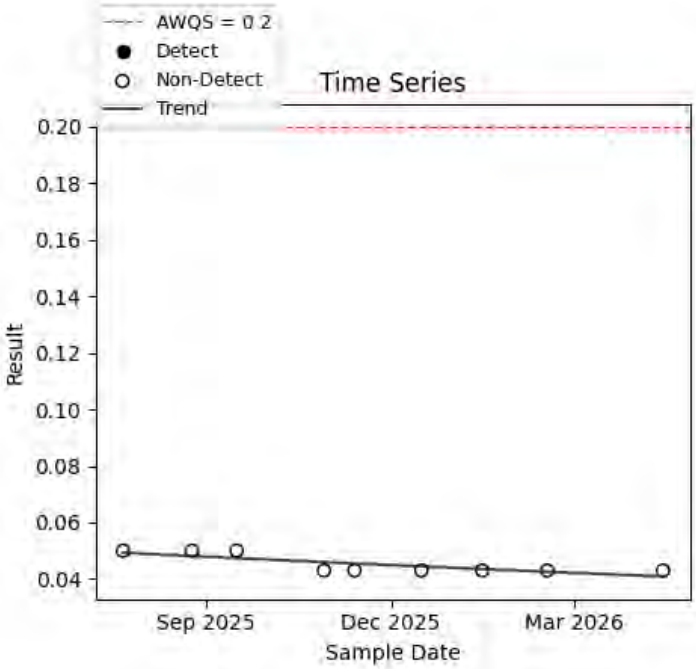
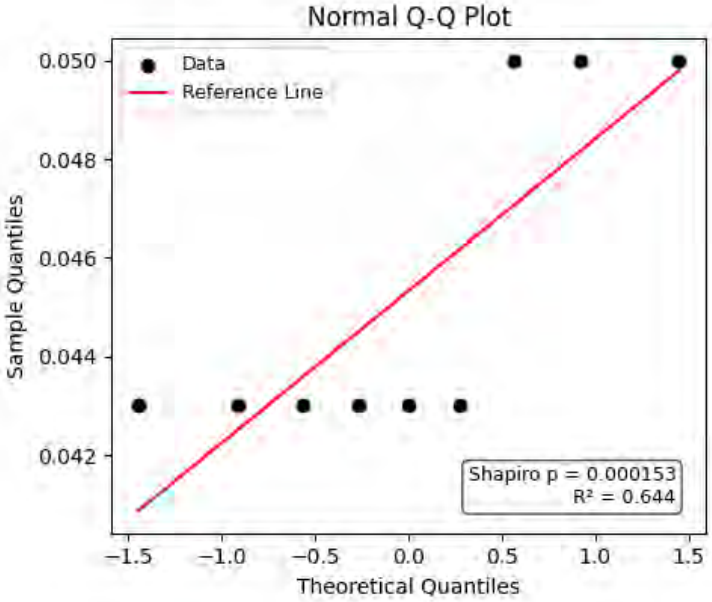
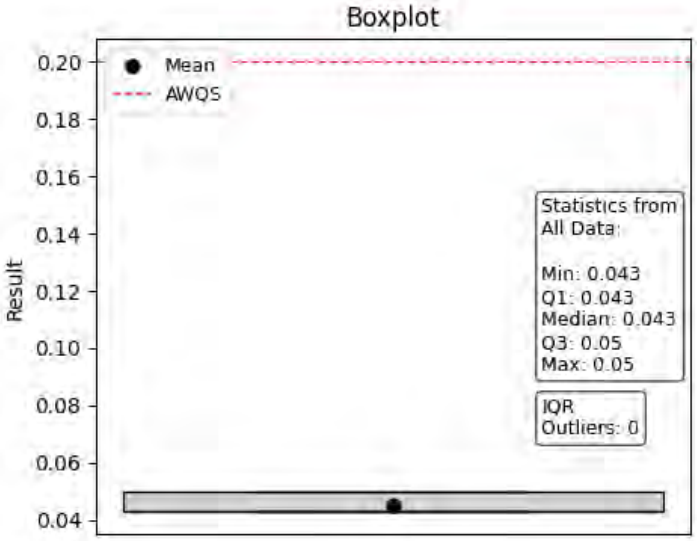
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Cyanide







Well ID: POC-05
Constituent: Cyanide
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0453
Median = 0.043
Min = 0.043
Max = 0.05
StdDev = 0.0035
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0559
UTL (log) = 0.0568
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 7.72

AWQS = 0.2 mg/L

Figure: 5.9

Copper World, Inc.
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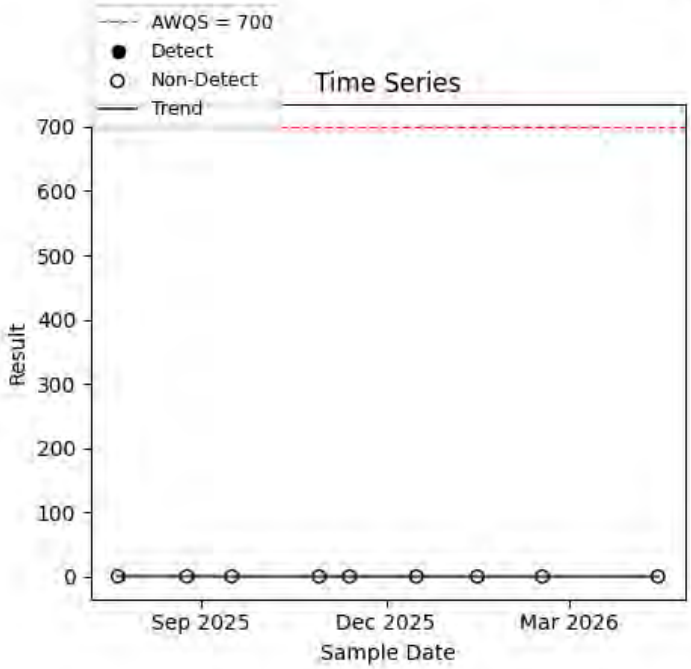
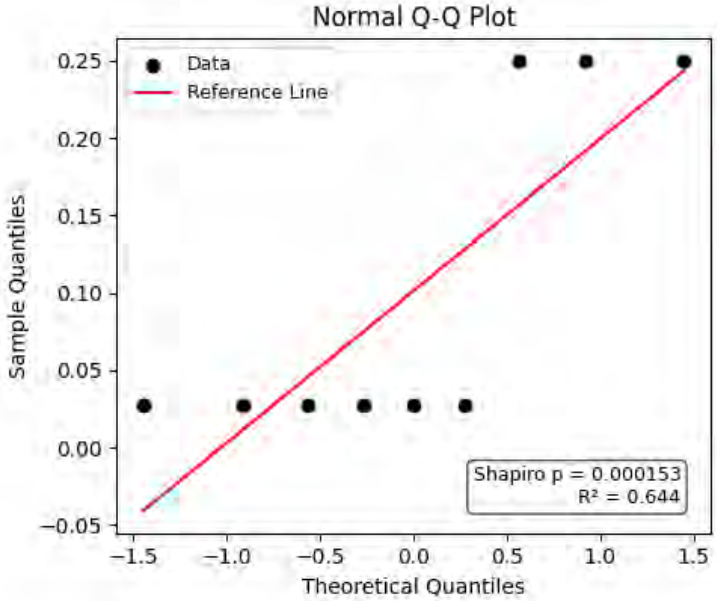
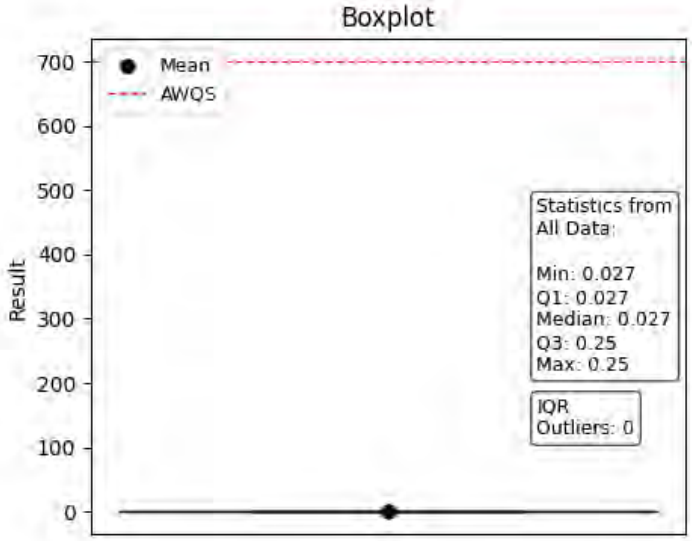
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Ethylbenzene







Well ID: POC-05
Constituent: Ethylbenzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.101
Median = 0.027
Min = 0.027
Max = 0.25
StdDev = 0.112
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.439
UTL (log) = 1.65
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 110.03

AWQS = 700 ug/L

Figure: 5.10

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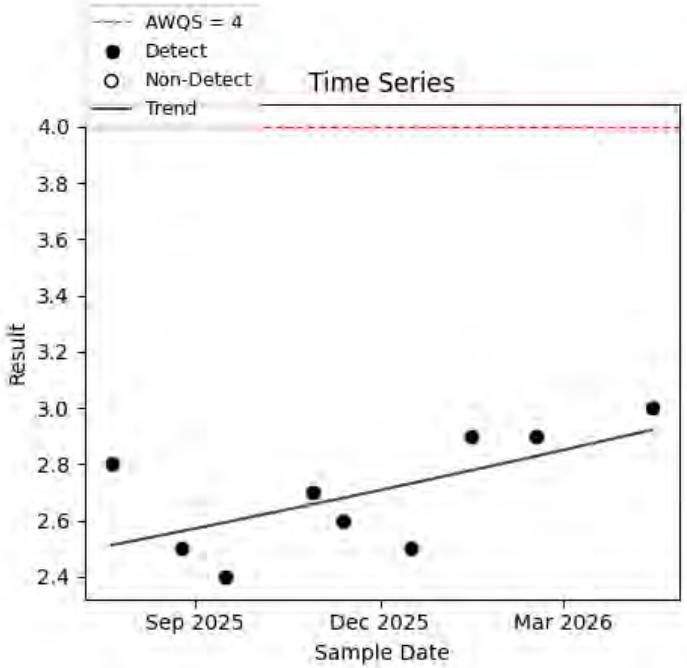
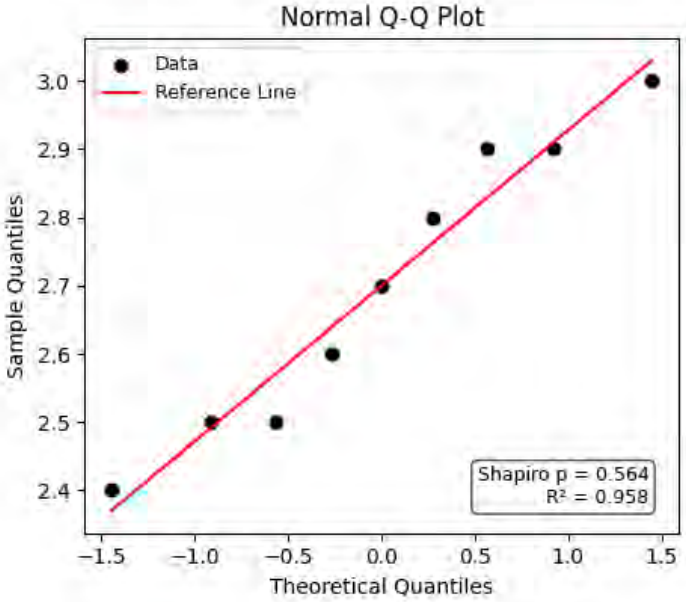
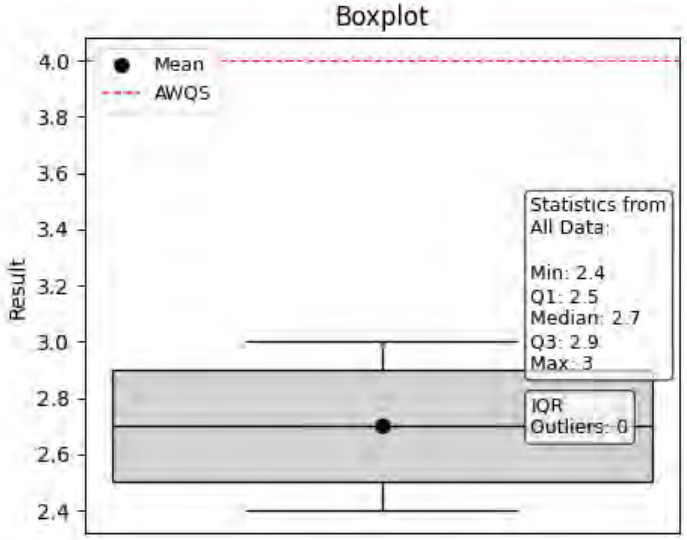
Approved: B. Giroux

POC-05 - Fluoride







Well ID: POC-05
Constituent: Fluoride
Units: mg/L
N = 9

Detect Only Stats:
Mean = 2.7
Median = 2.7
Min = 2.4
Max = 3
StdDev = 0.212
95%ile = 2.96

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 3.34
UTL (log) = 3.42
UTL (np) = 3

Trend = no trend
MK p = 0.0569
MK s = 16

Rosner
Outliers = 0
CV% = 7.86

AWQS = 4 mg/L

Figure: 5.11

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Helvetia, AZ

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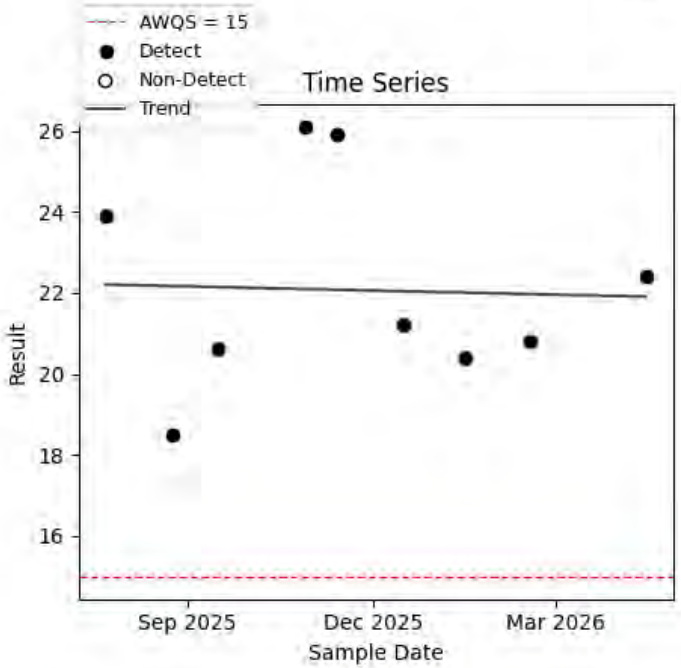
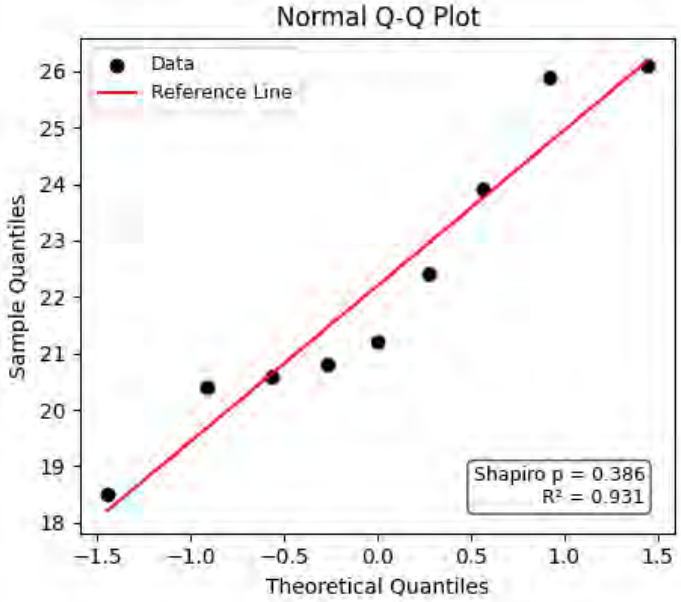
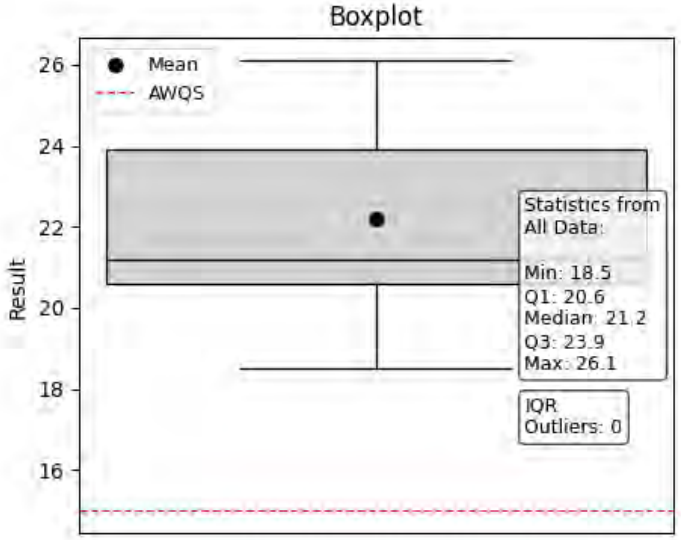
Approved: B. Giroux

POC-05 - Gross Alpha Activity







⚠ **Exceeds AWQS**

Well ID: POC-05
Constituent: Gross Alpha Activity
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 22.2
Median = 21.2
Min = 18.5
Max = 26.1
StdDev = 2.6
95%ile = 26

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 30.1
UTL (log) = 31.4
UTL (np) = 26.1

Trend = no trend
MK p = 0.5
MK s = 0

Rosner
Outliers = 0
CV% = 11.73

AWQS = 15 pCi/L

Figure: 5.12

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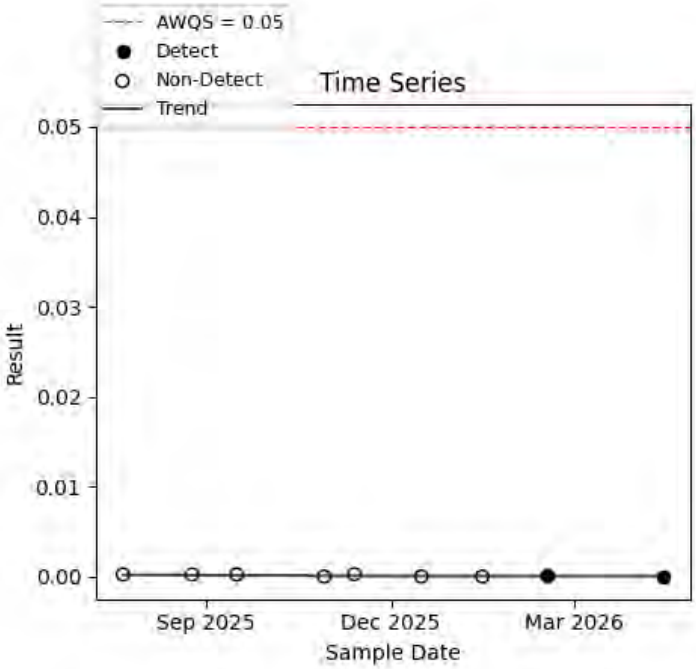
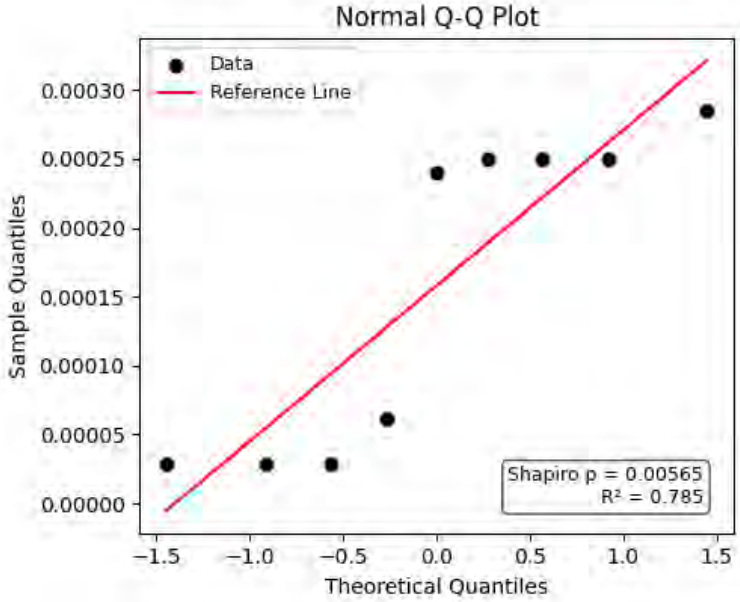
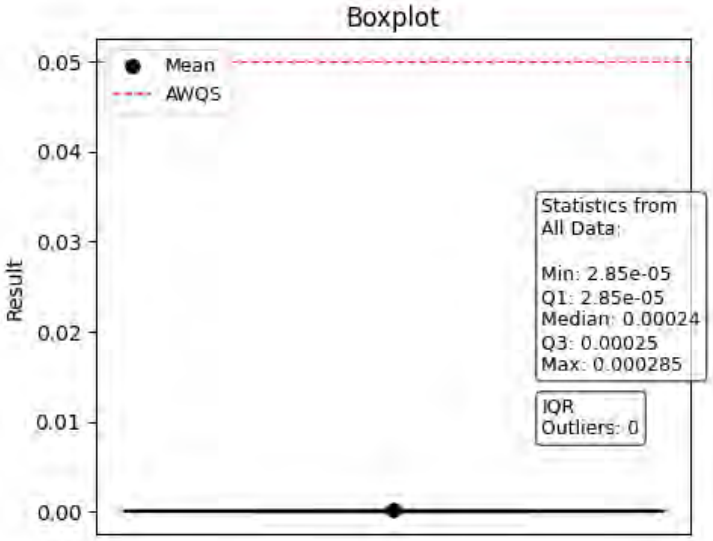
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Lead








```
Well ID: POC-05                 Distribution = Normal
Constituent: Lead               UTL (norm) = 0.00051
Units: mg/L                     UTL (log) = 0.00276
N = 9                           UTL (np) = 0.000285

Detect Only Stats:              Trend = no trend
Mean = 0.000158                 MK p = 0.164
Median = 0.00024                MK s = -10
Min = 2.85e-05
Max = 0.000285                  Rosner
StdDev = 0.000116               Outliers = 0
95%ile = 0.000271               CV% = 73.43

% Non Detects = 77.8%           AWQS = 0.05 mg/L
```

Figure: 5.13

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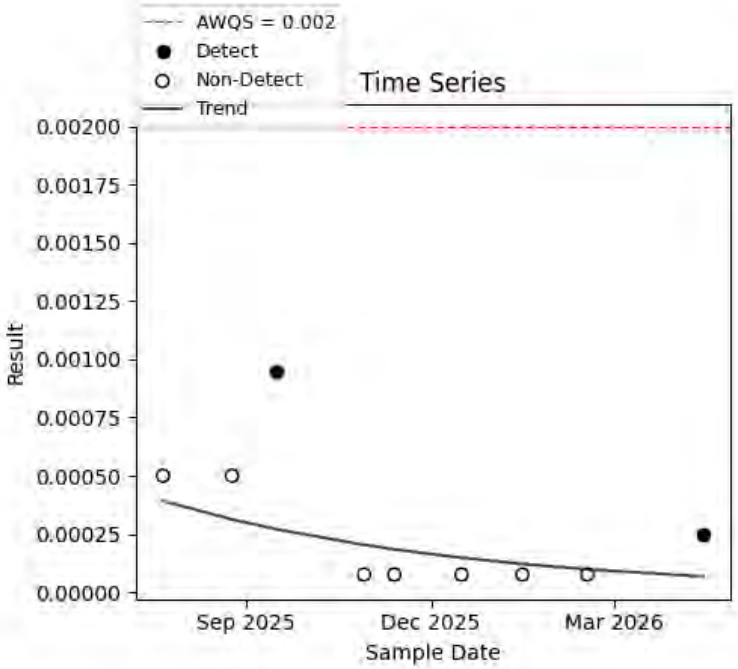
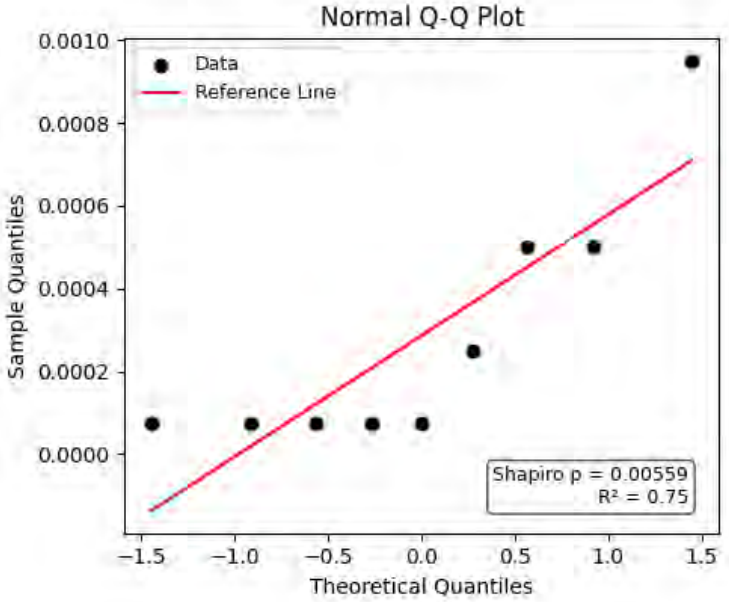
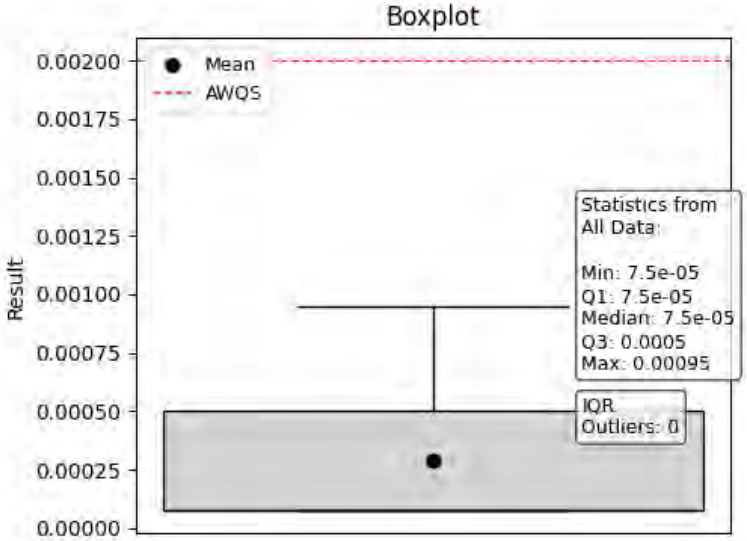
Approved: B. Giroux

POC-05 - Mercury







Well ID: POC-05
Constituent: Mercury
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000286
Median = 7.5e-05
Min = 7.5e-05
Max = 0.00095
StdDev = 0.000307
95%ile = 0.00077

% Non Detects = 77.8%

Distribution = Normal
UTL (norm) = 0.00122
UTL (log) = 0.00415
UTL (np) = 0.00095

Trend = no trend
MK p = 0.123
MK s = -11

Rosner
Outliers = 0
CV% = 107.47

AWQS = 0.002 mg/L

Figure: 5.14

Copper World, Inc.
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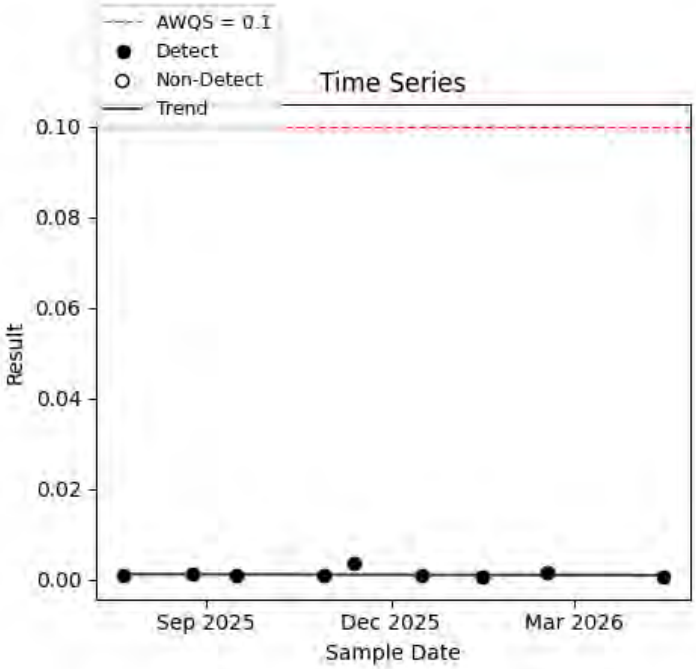
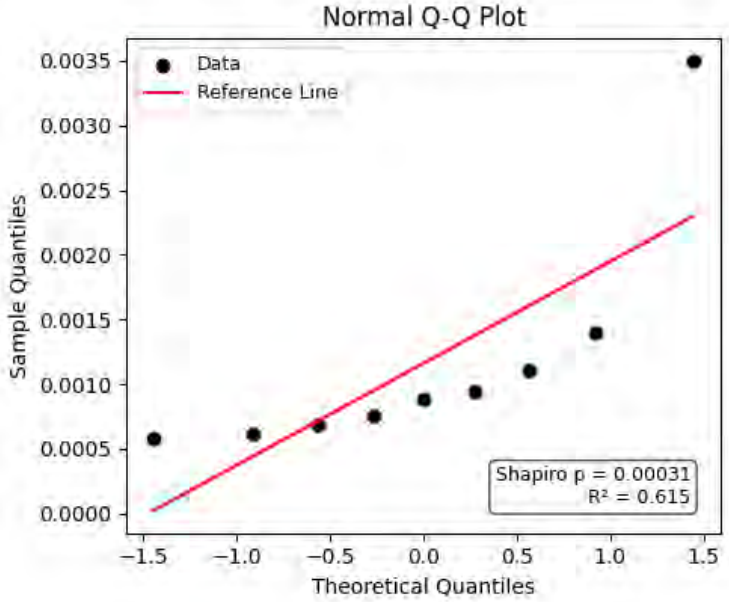
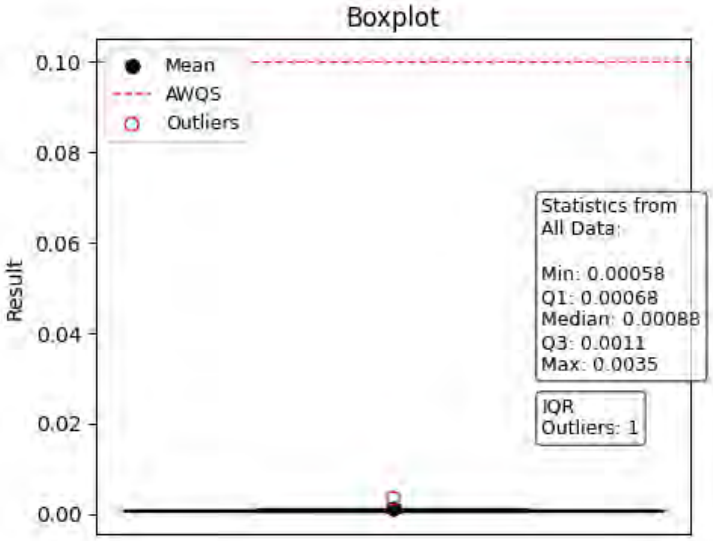
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Nickel







Well ID: POC-05
Constituent: Nickel
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00116
Median = 0.00088
Min = 0.00058
Max = 0.0035
StdDev = 0.000915
95%ile = 0.00266

% Non Detects = 0.0%

Distribution = Log-Normal
UTL (norm) = 0.00393
UTL (log) = 0.00527
UTL (np) = 0.0035

Trend = no trend
MK p = 0.301
MK s = -6

Rosner
Outliers = 1
CV% = 78.77

AWQS = 0.1 mg/L

Figure: 5.15

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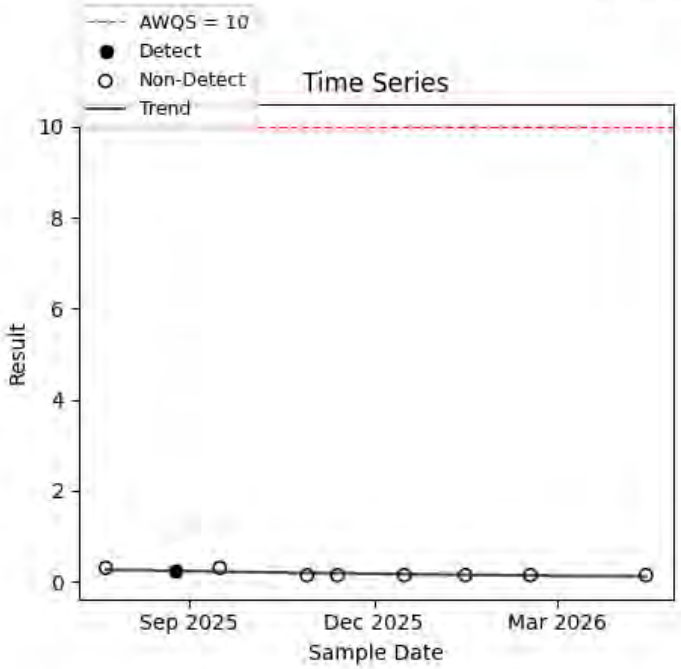
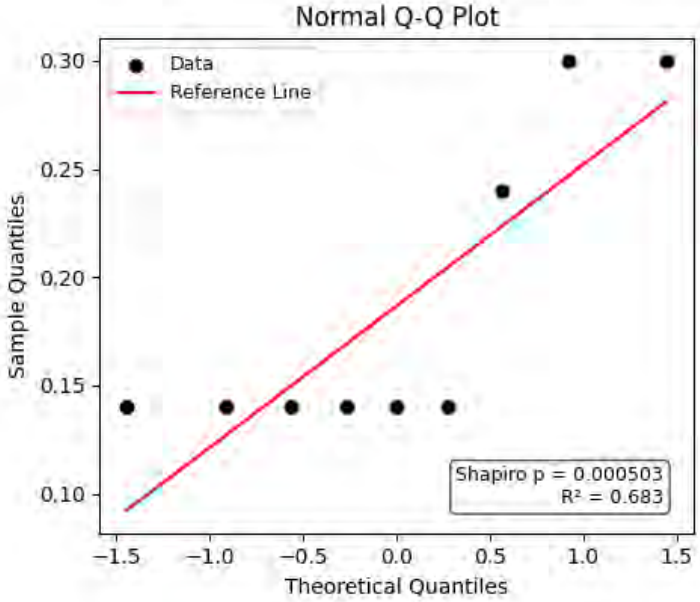
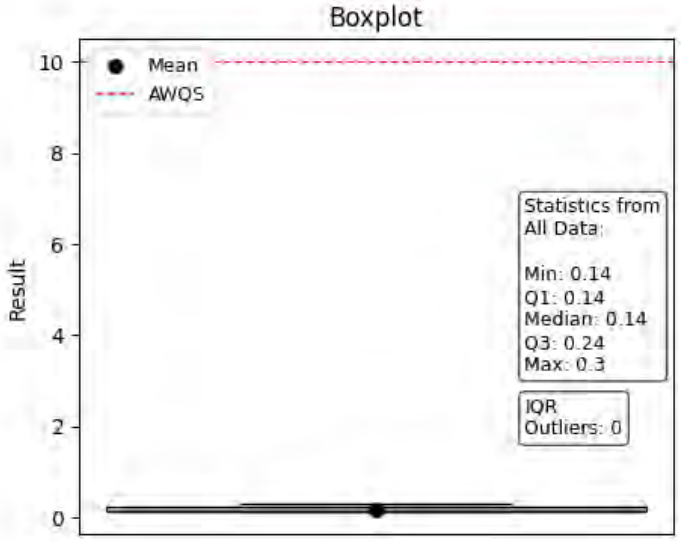
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Nitrate and Nitrite Sum







Well ID: POC-05
Constituent: Nitrate and Nitrite Sum
Units: nan
N = 9

Detect Only Stats:
Mean = 0.187
Median = 0.14
Min = 0.14
Max = 0.3
StdDev = 0.0721
95%ile = 0.3

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.405
UTL (log) = 0.508
UTL (np) = 0.3

Trend = decreasing
MK p = 0.0159
MK s = -18

Rosner
Outliers = 0
CV% = 38.63

AWQS = 10 nan

Figure: 5.16

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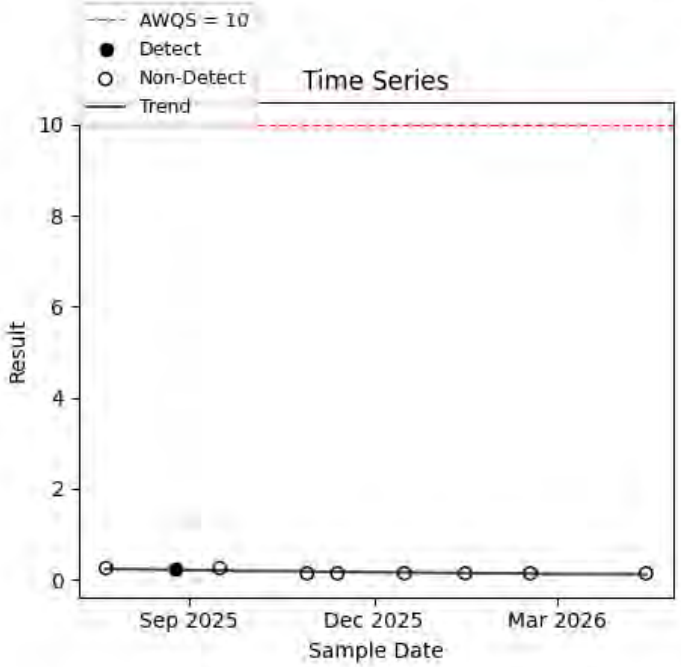
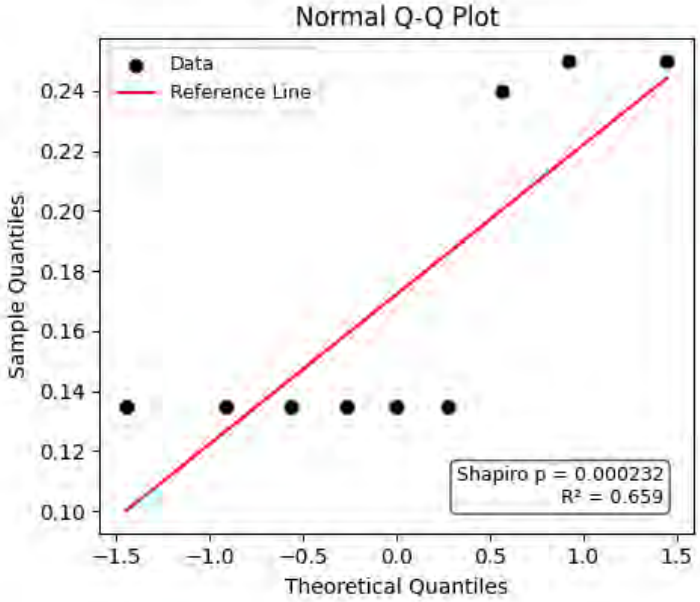
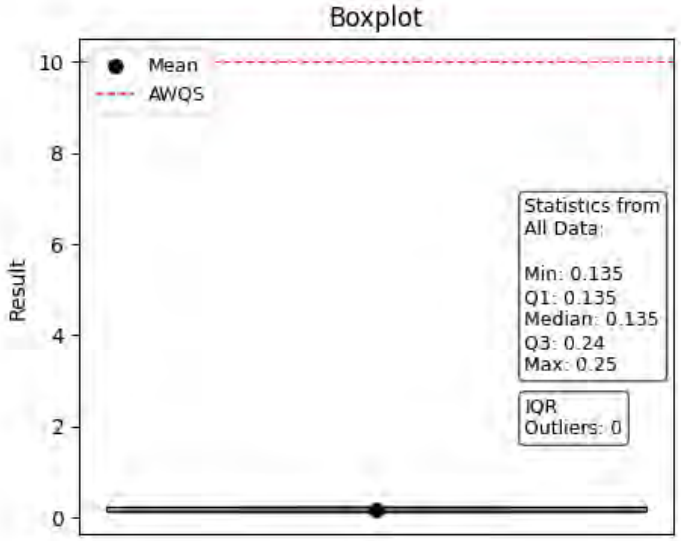
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Nitrogen, Nitrate (As N)







Well ID: POC-05
Constituent: Nitrogen, Nitrate (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.172
Median = 0.135
Min = 0.135
Max = 0.25
StdDev = 0.0559
95%ile = 0.25

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.342
UTL (log) = 0.412
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0159
MK s = -18

Rosner
Outliers = 0
CV% = 32.46

AWQS = 10 mg/L

Figure: 5.17

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Helvetia, AZ

Piteau Associates
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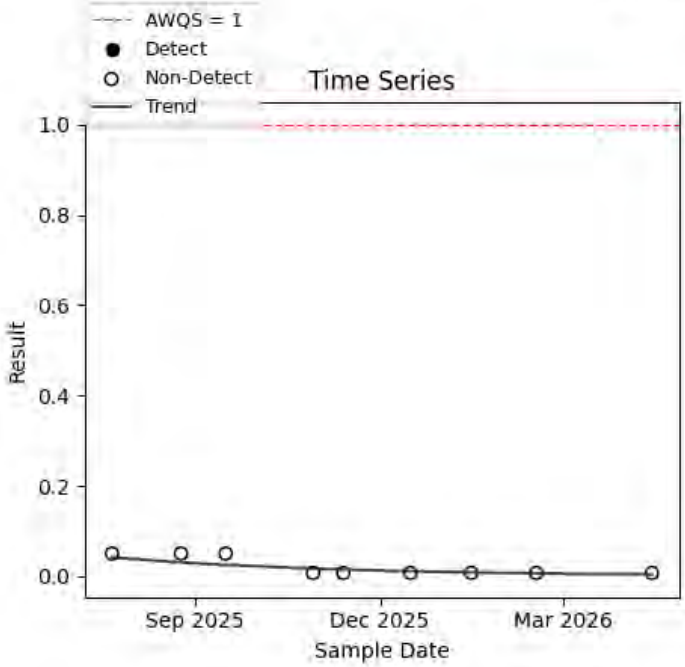
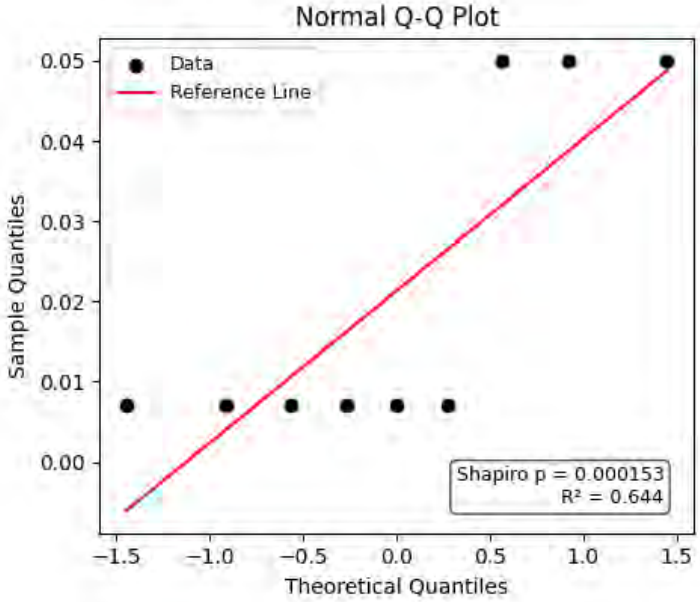
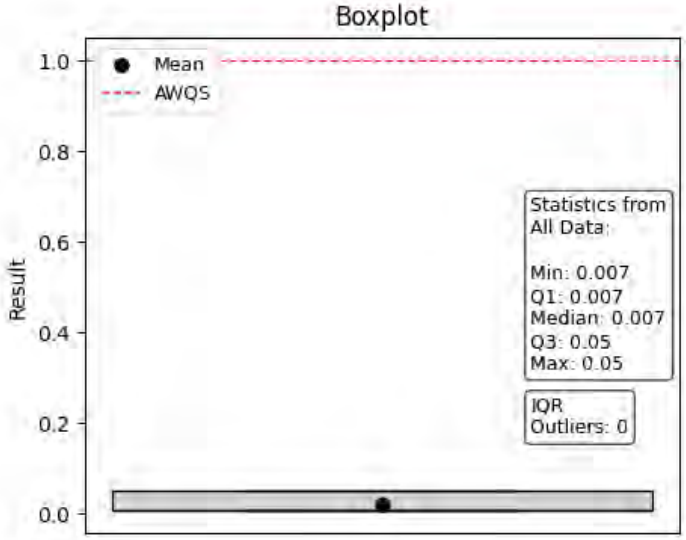
Approved: B. Giroux

POC-05 - Nitrogen, Nitrite (As N)







Well ID: POC-05
Constituent: Nitrogen, Nitrite (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0213
Median = 0.007
Min = 0.007
Max = 0.05
StdDev = 0.0215
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0865
UTL (log) = 0.265
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 100.78

AWQS = 1 mg/L

Figure: 5.18

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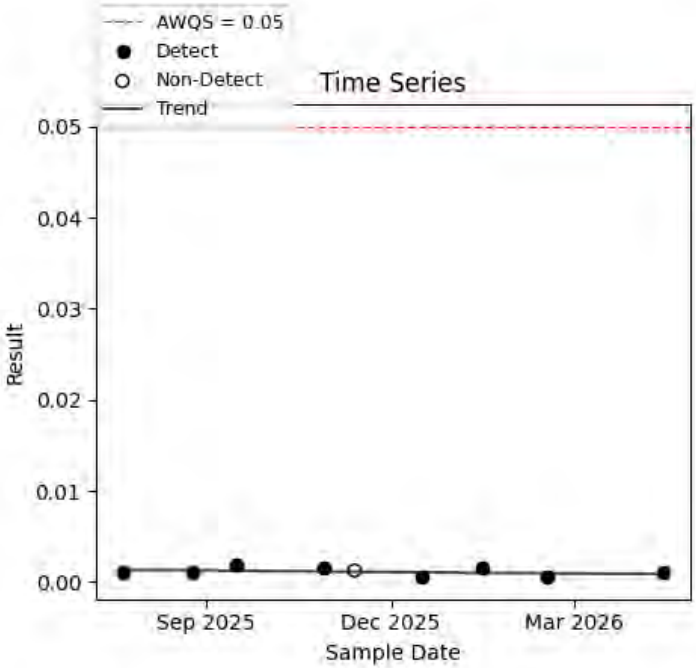
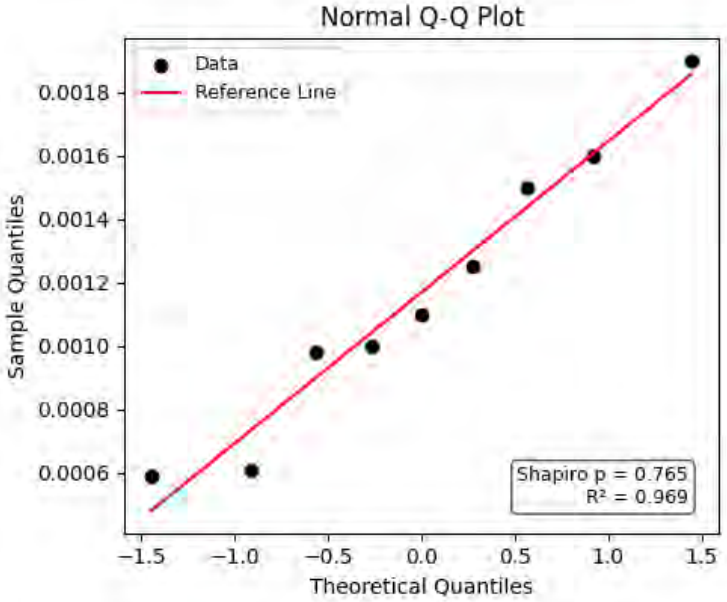
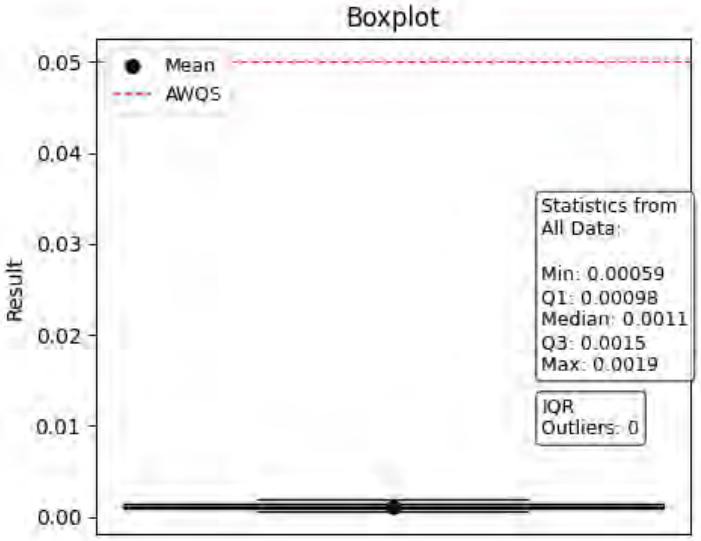
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Selenium







Well ID: POC-05
Constituent: Selenium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00117
Median = 0.0011
Min = 0.00059
Max = 0.0019
StdDev = 0.000441
95%ile = 0.00178

% Non Detects = 11.1%

Distribution = Normal
UTL (norm) = 0.00251
UTL (log) = 0.00372
UTL (np) = 0.0019

Trend = no trend
MK p = 0.233
MK s = -8

Rosner
Outliers = 0
CV% = 37.66

AWQS = 0.05 mg/L

Figure: 5.19

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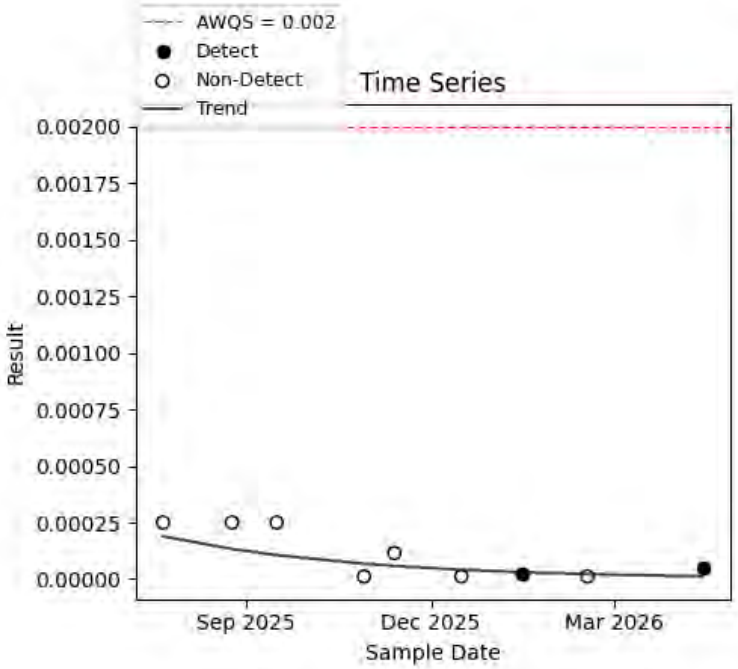
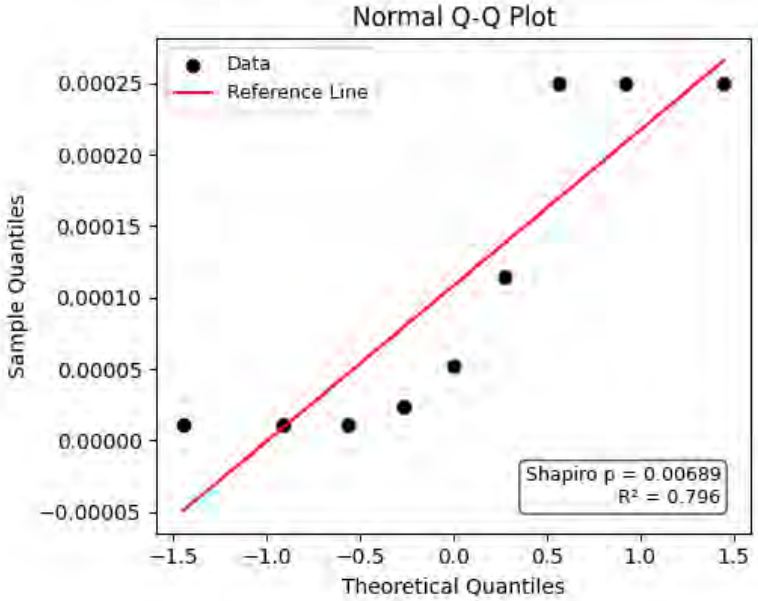
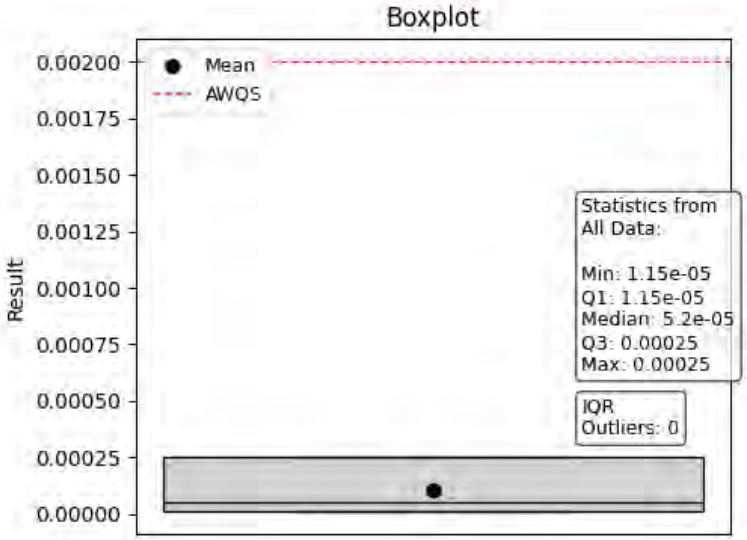
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Thallium







Well ID: POC-05
Constituent: Thallium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000108
Median = 5.2e-05
Min = 1.15e-05
Max = 0.00025
StdDev = 0.000111
95%ile = 0.00025

% Non Detects = 77.8%

Distribution = Normal
UTL (norm) = 0.000445
UTL (log) = 0.00359
UTL (np) = 0.00025

Trend = no trend
MK p = 0.0515
MK s = -16

Rosner
Outliers = 0
CV% = 102.46

AWQS = 0.002 mg/L

Figure: 5.20

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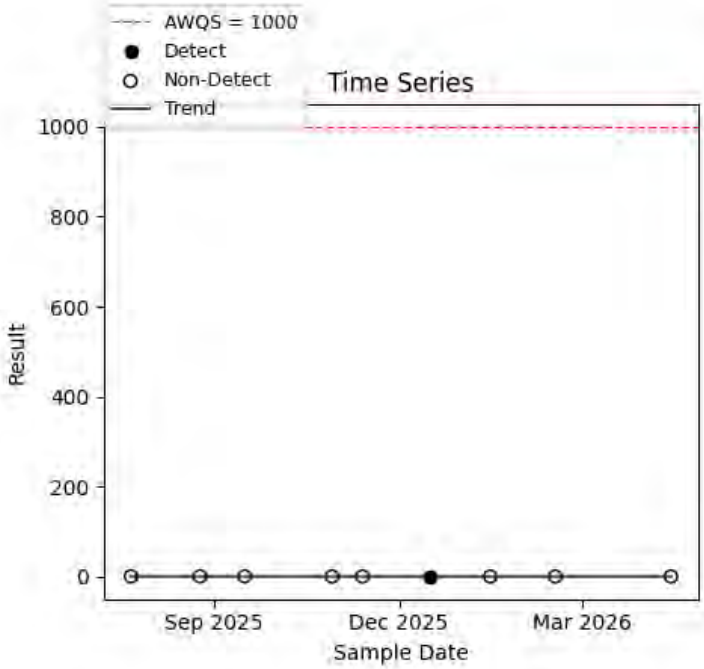
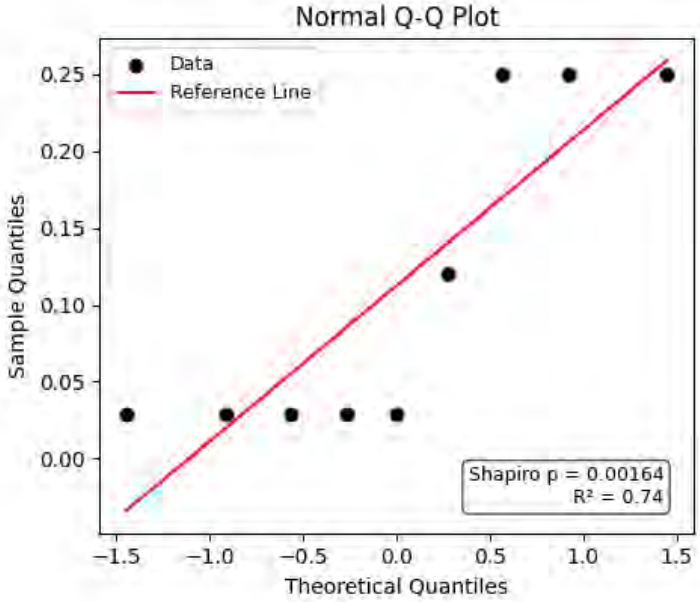
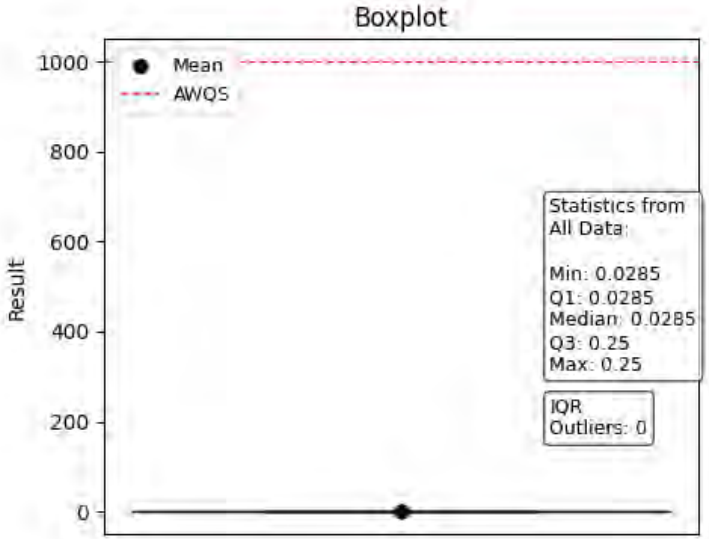
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Toluene







Well ID: POC-05
Constituent: Toluene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.112
Median = 0.0285
Min = 0.0285
Max = 0.25
StdDev = 0.107
95%ile = 0.25

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.438
UTL (log) = 1.78
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0167
MK s = -19

Rosner
Outliers = 0
CV% = 95.35

AWQS = 1e+03 ug/L

Figure: 5.21

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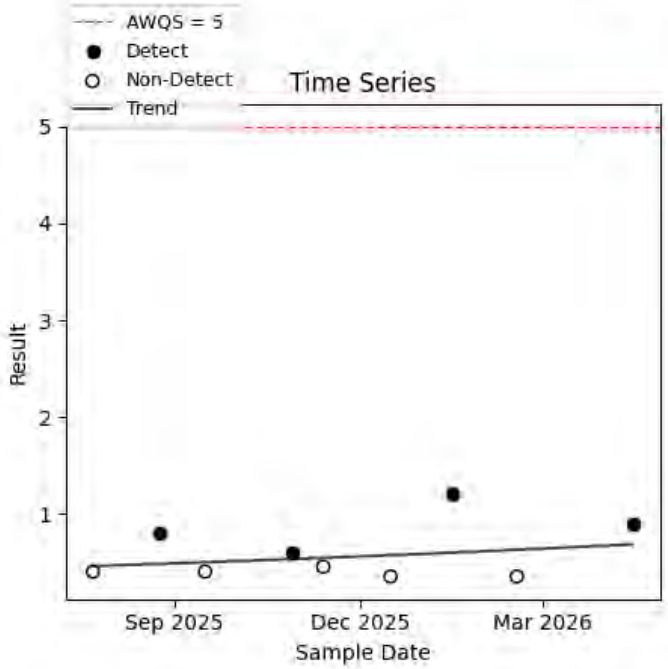
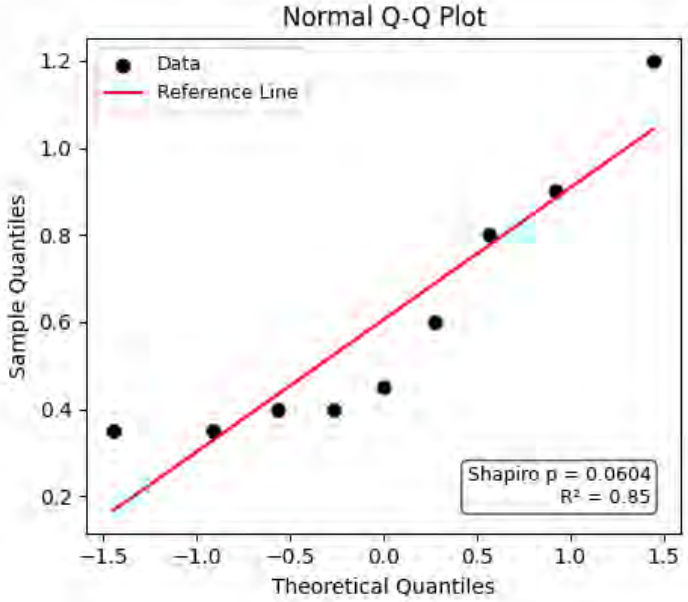
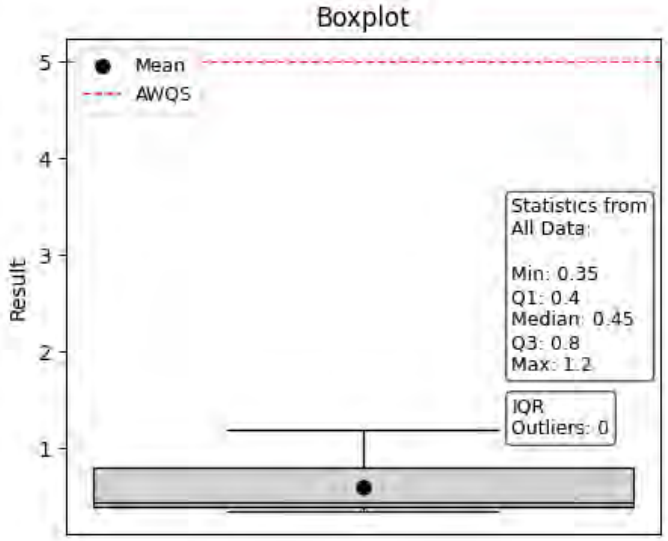
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Total Radium







Well ID: POC-05
Constituent: Total Radium
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 0.606
Median = 0.45
Min = 0.35
Max = 1.2
StdDev = 0.299
95%ile = 1.08

% Non Detects = 55.6%

Distribution = Normal
UTL (norm) = 1.51
UTL (log) = 2.18
UTL (np) = 1.2

Trend = no trend
MK p = 0.458
MK s = 2

Rosner
Outliers = 0
CV% = 49.45

AWQS = 5 pCi/L

Figure: 5.22

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Helvetia, AZ

Piteau Associates
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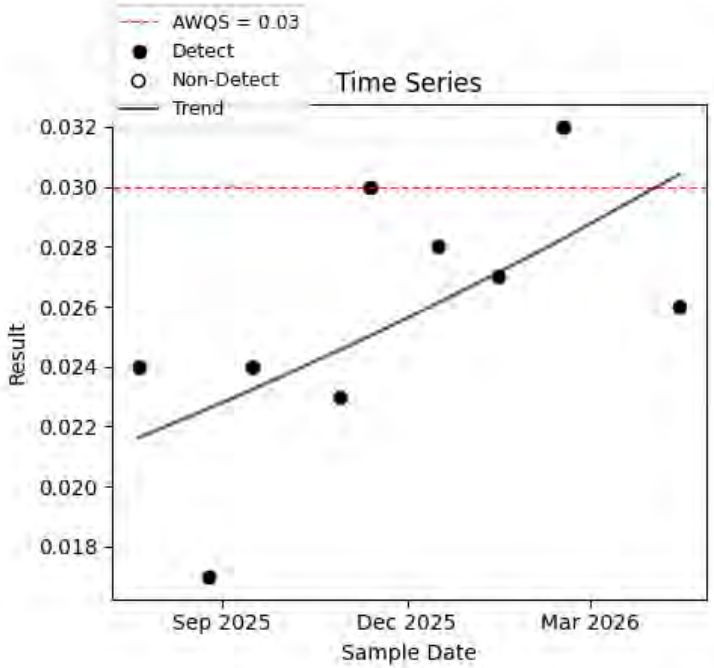
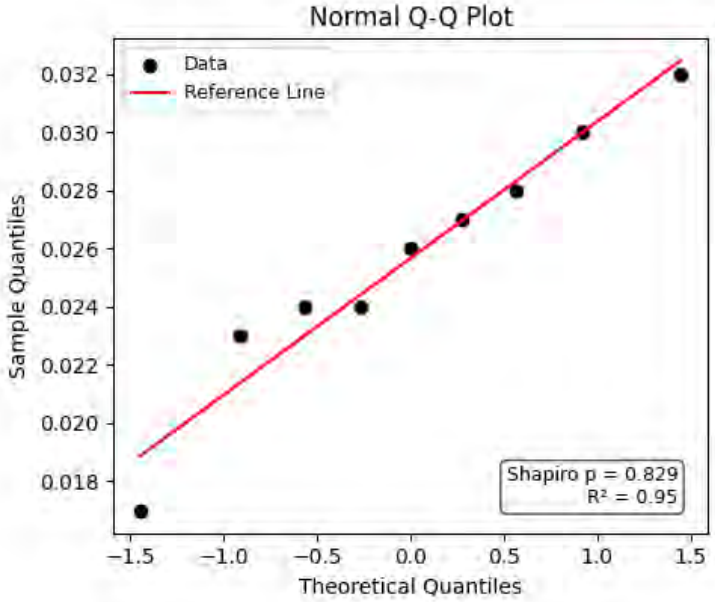
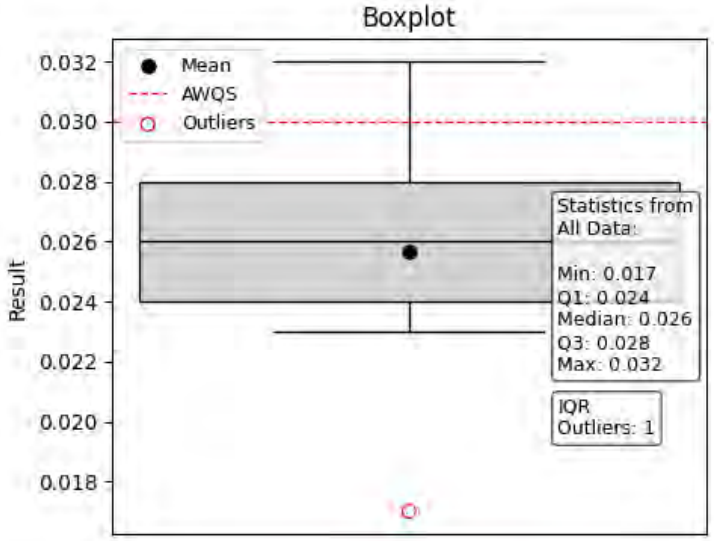
Approved: B. Giroux

POC-05 - Uranium







⚠ **Exceeds AWQS**

Well ID: POC-05
Constituent: Uranium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0257
Median = 0.026
Min = 0.017
Max = 0.032
StdDev = 0.00439
95%ile = 0.0312

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.039
UTL (log) = 0.0443
UTL (np) = 0.032

Trend = no trend
MK p = 0.0711
MK s = 15

Rosner
Outliers = 0
CV% = 17.09

AWQS = 0.03 mg/L

Figure: 5.23

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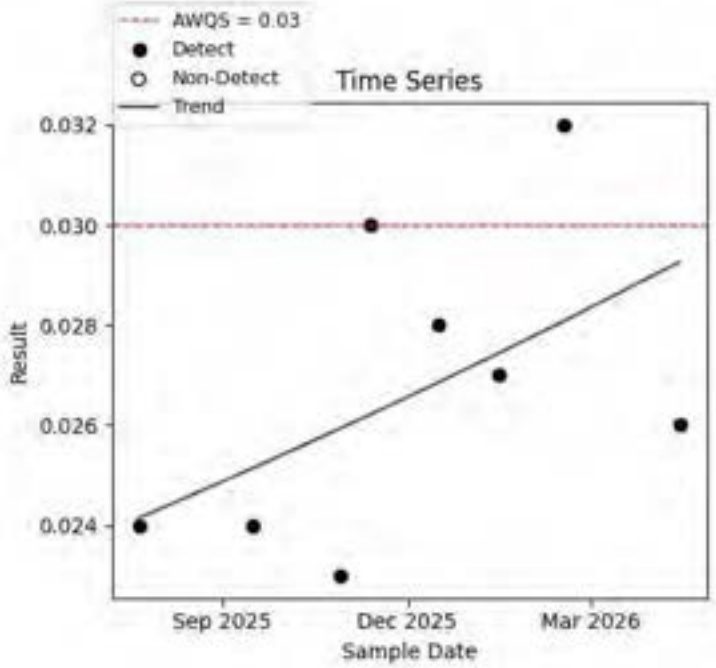
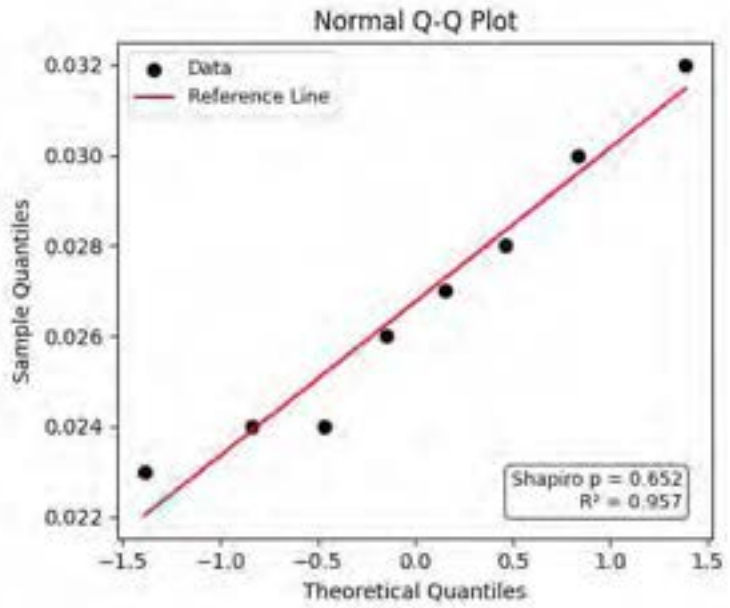
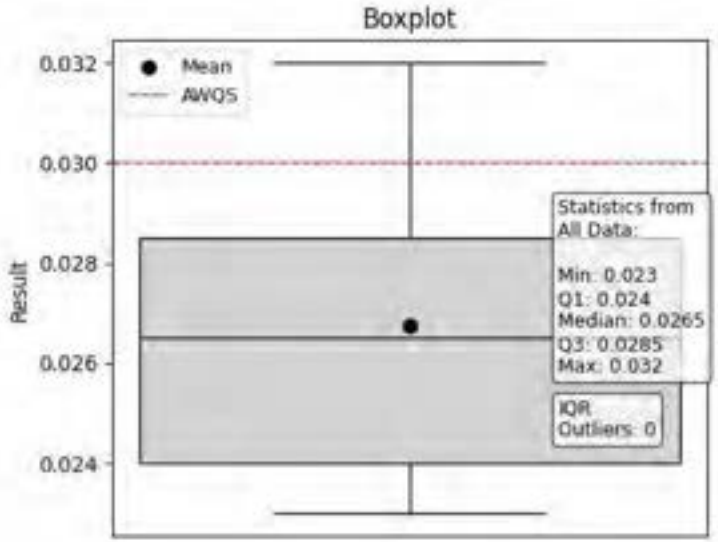
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Uranium







⚠ **Exceeds AWQS**

Well ID: POC-05
Constituent: Uranium
Units: mg/L
N = 8

Detect Only Stats:
Mean = 0.0267
Median = 0.0265
Min = 0.023
Max = 0.032
StdDev = 0.00315
95%ile = 0.0313

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0368
UTL (log) = 0.0385
UTL (np) = 0.032

Trend = no trend
MK p = 0.159
MK s = 9

Rosner
Outliers = 0
CV% = 11.78

AWQS = 0.03 mg/L

Figure: 5.23B

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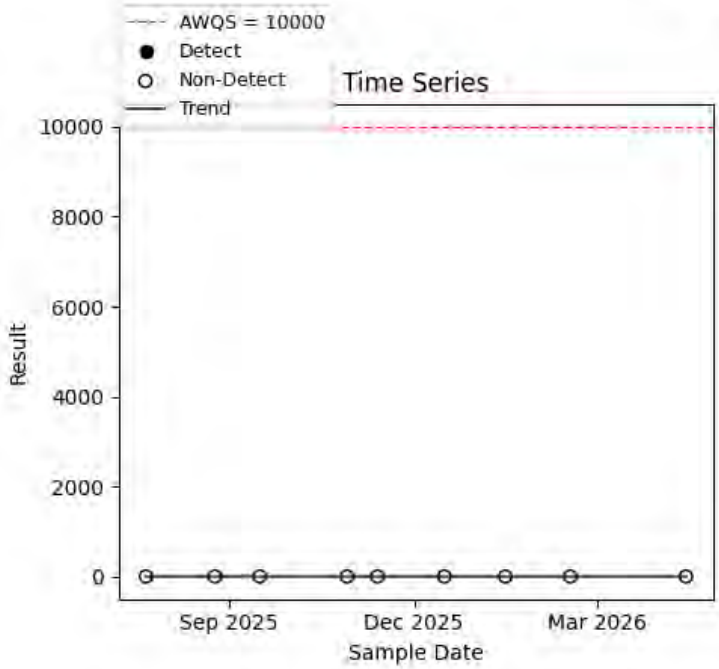
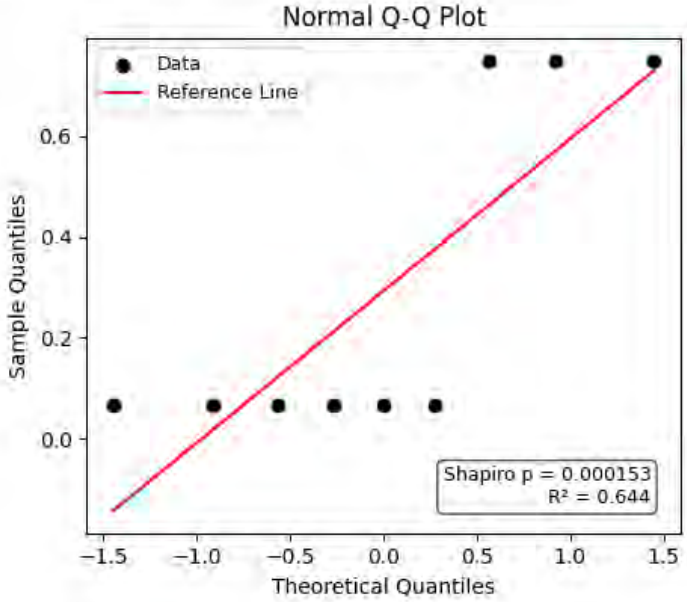
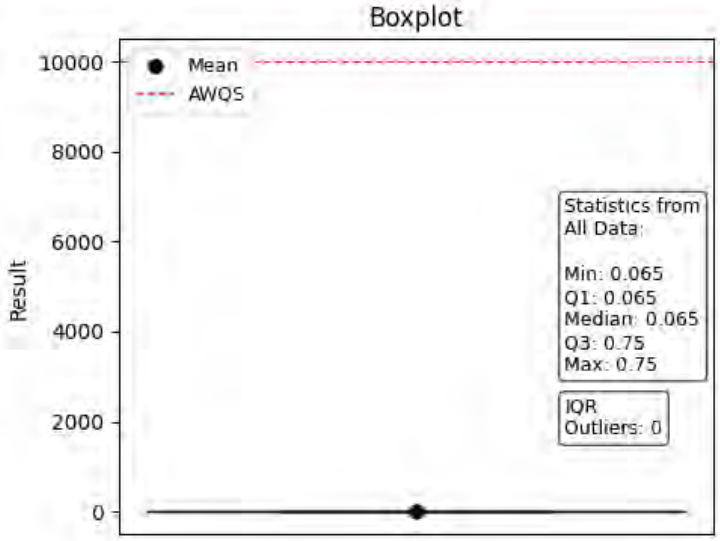
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-05 - Xylenes, Total







Well ID: POC-05
Constituent: Xylenes, Total
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.293
Median = 0.065
Min = 0.065
Max = 0.75
StdDev = 0.342
95%ile = 0.75

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 1.33
UTL (log) = 5.98
UTL (np) = 0.75

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 116.76

AWQS = 1e+04 ug/L

Figure: 5.24

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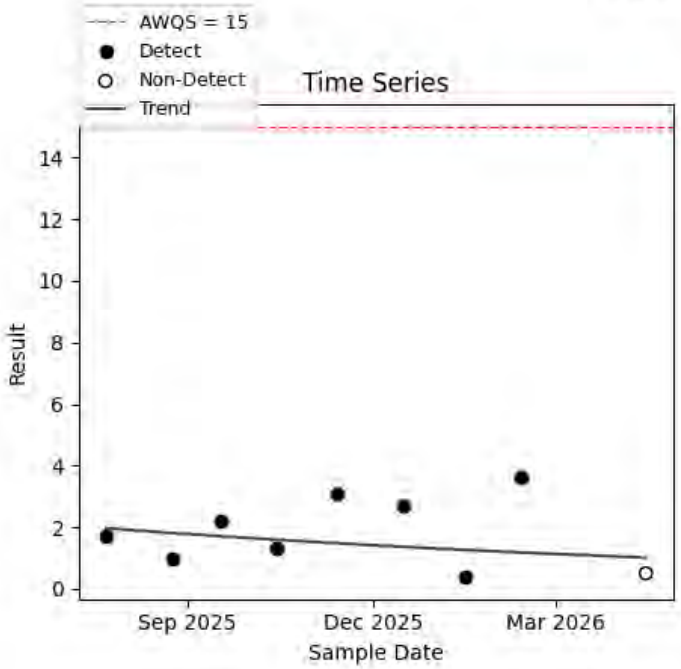
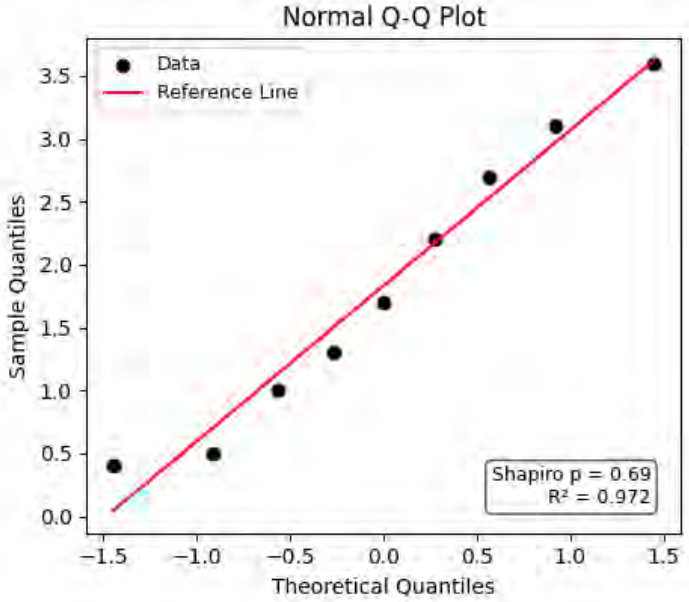
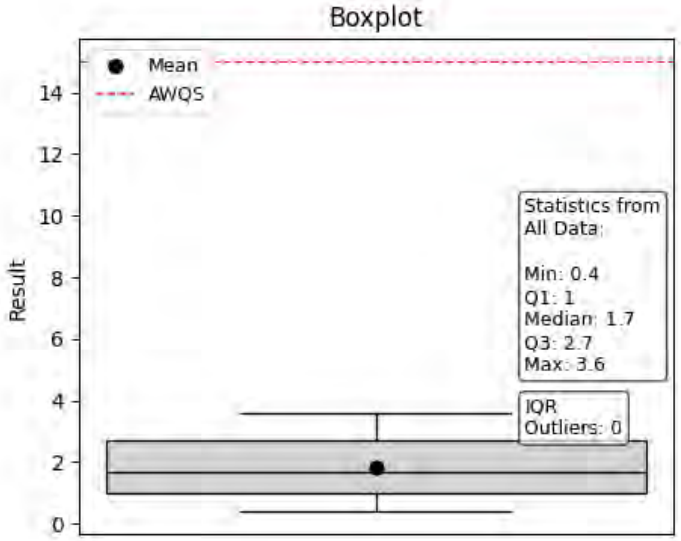
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Adjusted Gross Alpha







Well ID: POC-06
Constituent: Adjusted Gross Alpha
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 1.83
Median = 1.7
Min = 0.4
Max = 3.6
StdDev = 1.14
95%ile = 3.4

% Non Detects = 11.1%

Distribution = Normal
UTL (norm) = 5.3
UTL (log) = 15.7
UTL (np) = 3.6

Trend = no trend
MK p = 0.458
MK s = 2

Rosner
Outliers = 0
CV% = 62.31

AWQS = 15 pCi/L

Figure: 6.1

Copper World, Inc.
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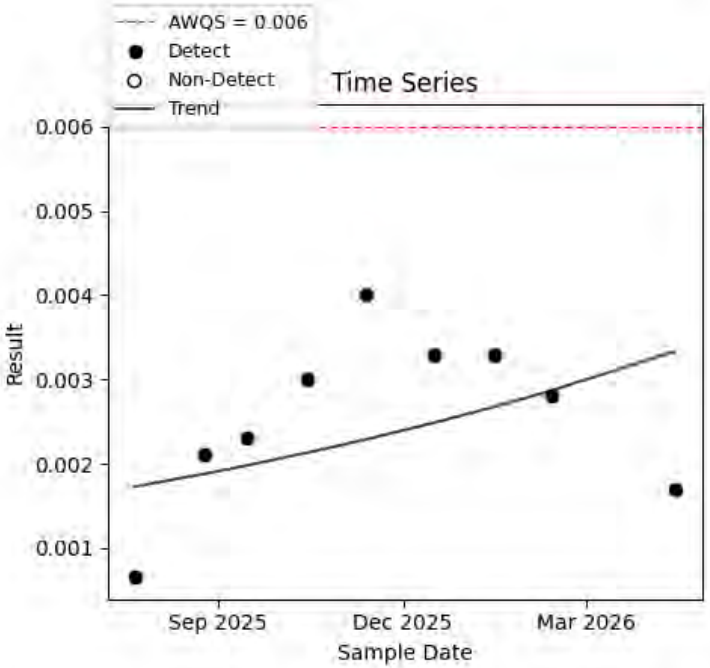
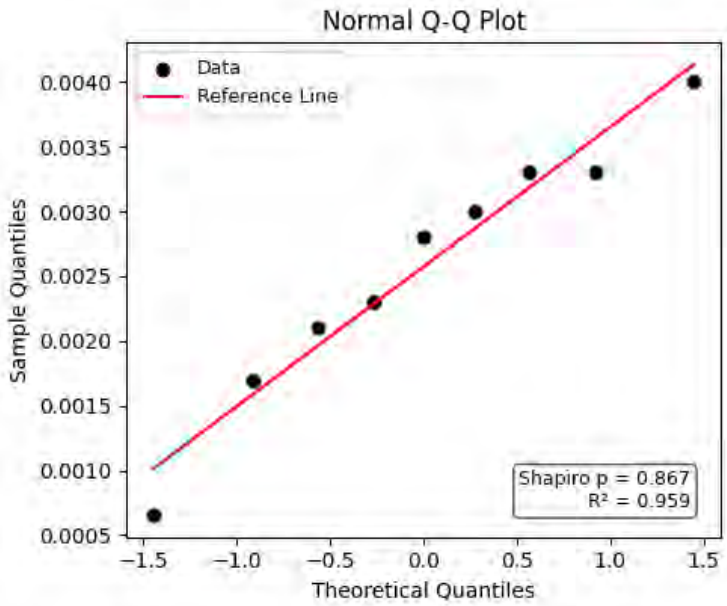
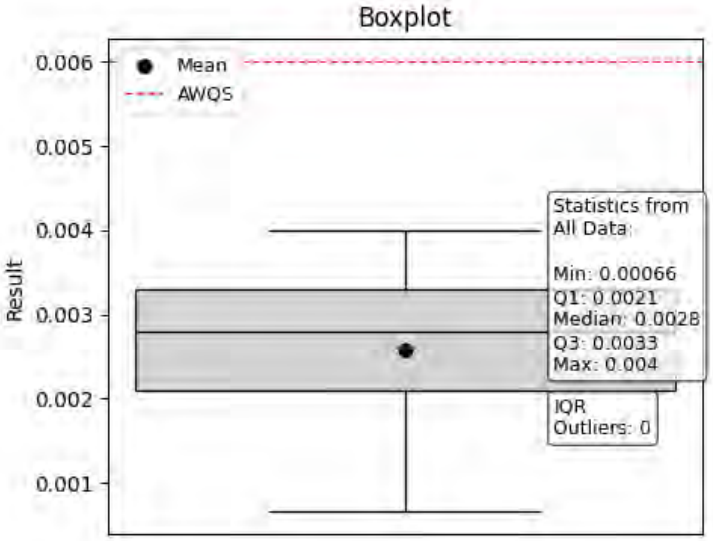
Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Antimony







Well ID: POC-06
Constituent: Antimony
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00257
Median = 0.0028
Min = 0.00066
Max = 0.004
StdDev = 0.001
95%ile = 0.00372

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00561
UTL (log) = 0.0119
UTL (np) = 0.004

Trend = no trend
MK p = 0.201
MK s = 9

Rosner
Outliers = 0
CV% = 38.97

AWQS = 0.006 mg/L

Figure: 6.2

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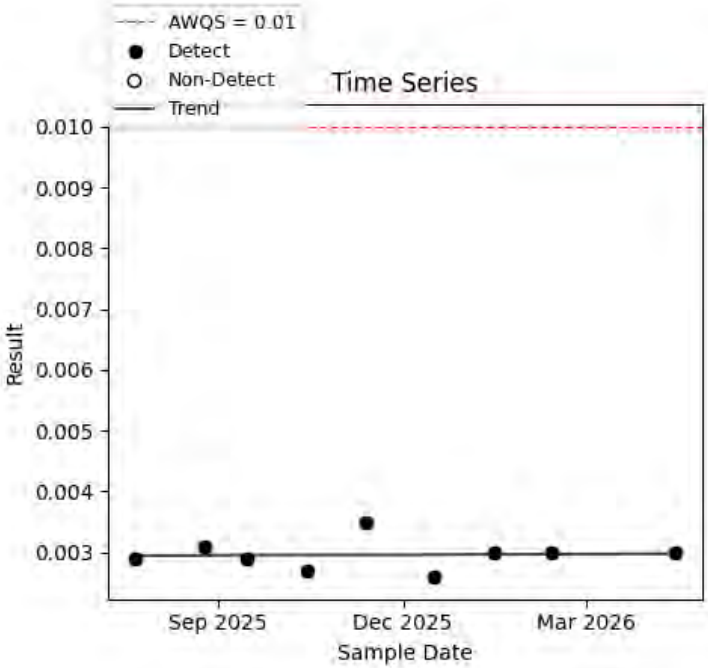
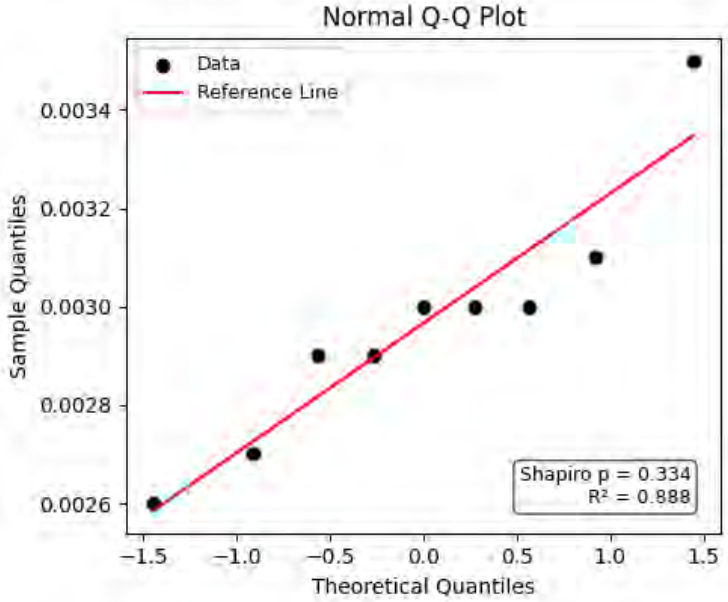
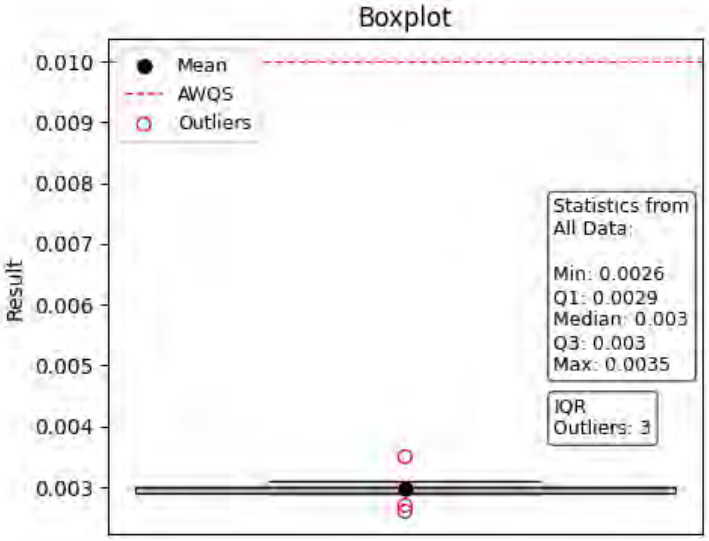
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Arsenic







Well ID: POC-06
Constituent: Arsenic
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00297
Median = 0.003
Min = 0.0026
Max = 0.0035
StdDev = 0.000255
95%ile = 0.00334

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00374
UTL (log) = 0.00382
UTL (np) = 0.0035

Trend = no trend
MK p = 0.457
MK s = 2

Rosner
Outliers = 0
CV% = 8.59

AWQS = 0.01 mg/L

Figure: 6.3

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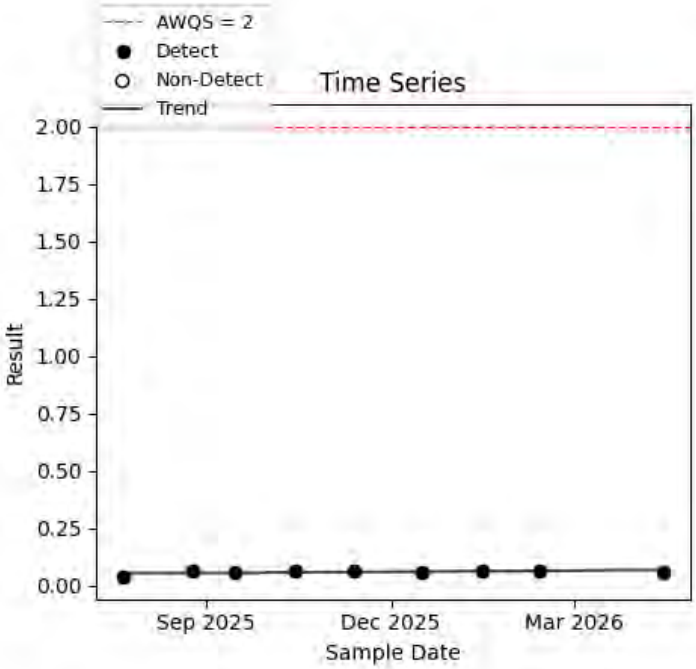
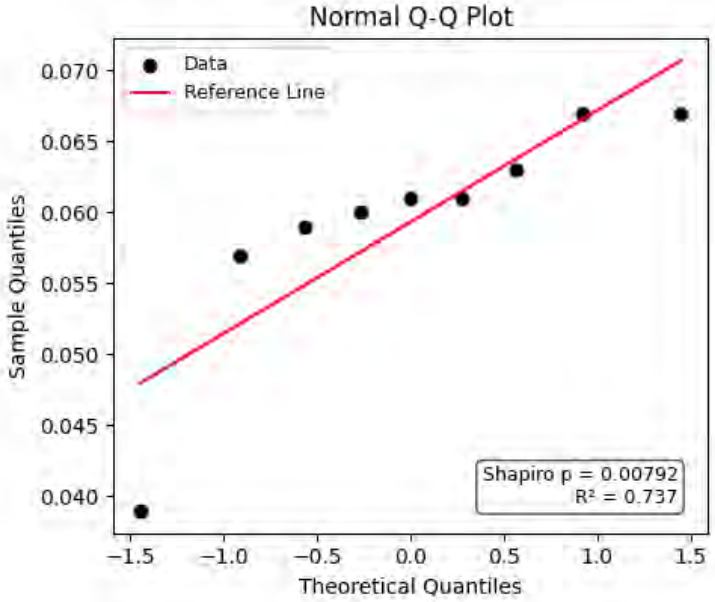
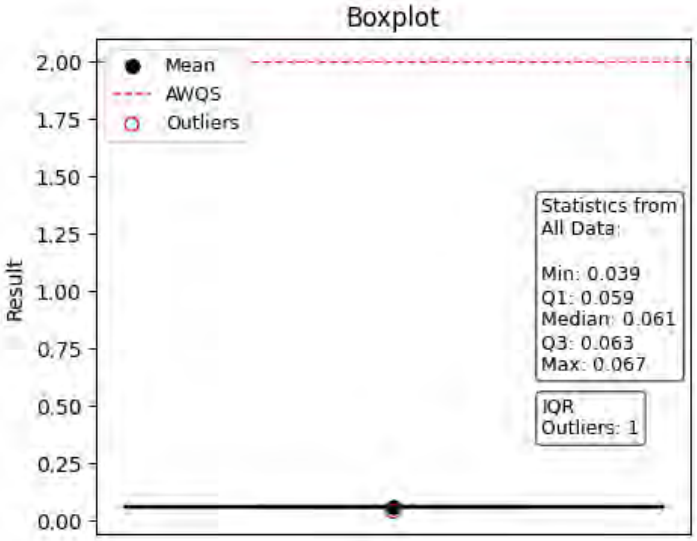
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Barium







Well ID: POC-06
Constituent: Barium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0593
Median = 0.061
Min = 0.039
Max = 0.067
StdDev = 0.00834
95%ile = 0.067

% Non Detects = 0.0%

Distribution = Nonparametric
UTL (norm) = 0.0846
UTL (log) = 0.0961
UTL (np) = 0.067

Trend = no trend
MK p = 0.23
MK s = 8

Rosner
Outliers = 1
CV% = 14.05

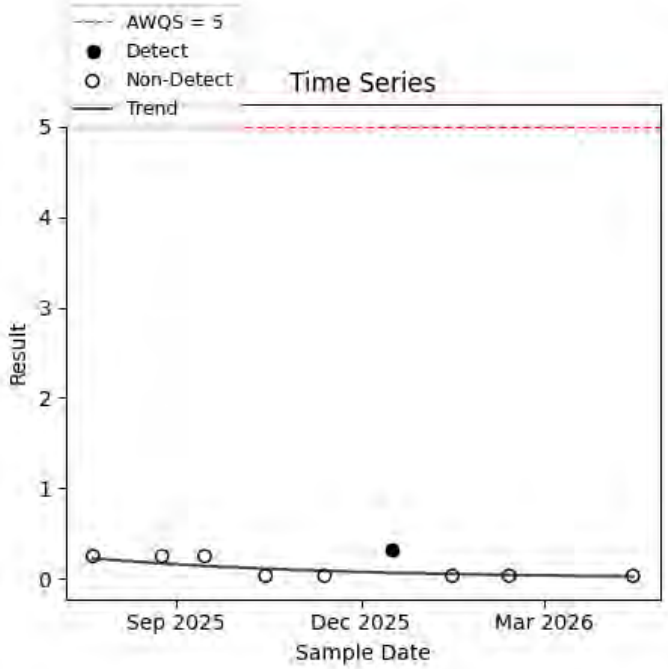
AWQS = 2 mg/L

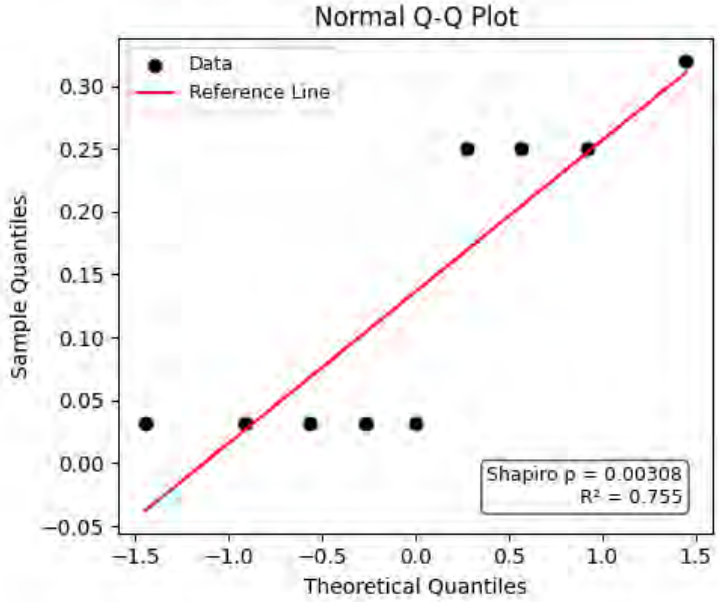
Figure: 6.4

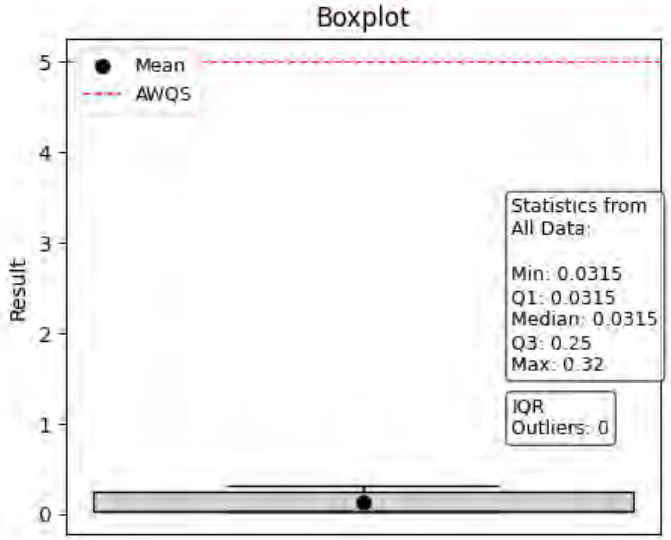
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Benzene







Well ID: POC-06
Constituent: Benzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.136
Median = 0.0315
Min = 0.0315
Max = 0.32
StdDev = 0.126
95%ile = 0.292

% Non Detects = 88.9%

Distribution = Normal
UTL (norm) = 0.519
UTL (log) = 2.47
UTL (np) = 0.32

Trend = no trend
MK p = 0.0782
MK s = -13

Rosner
Outliers = 0
CV% = 92.54

AWQS = 5 ug/L

Figure: 6.5

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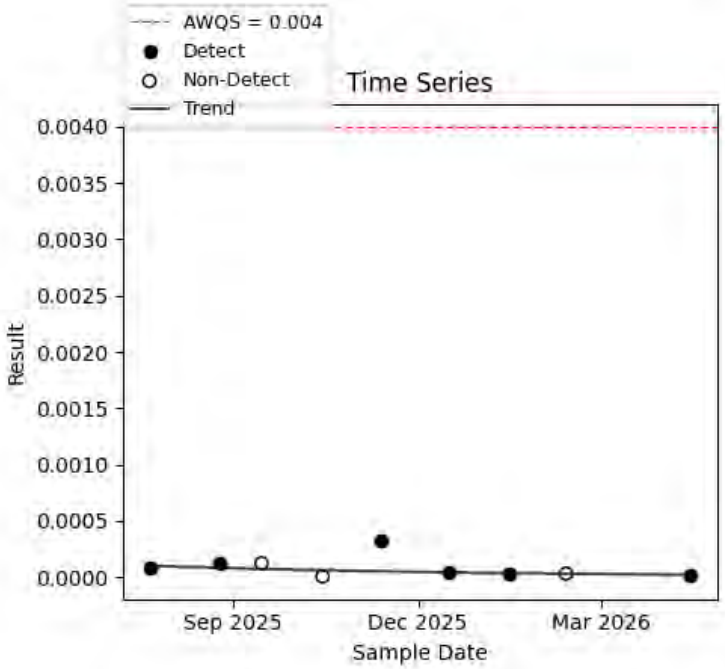
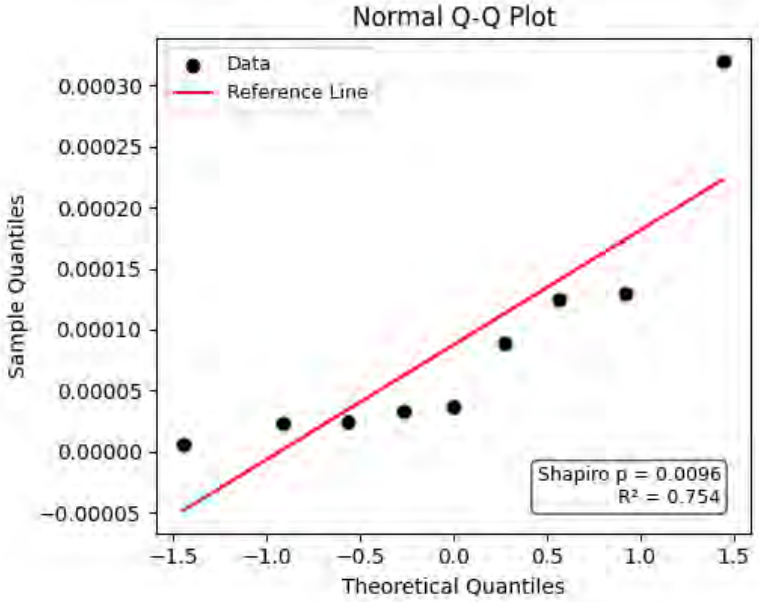
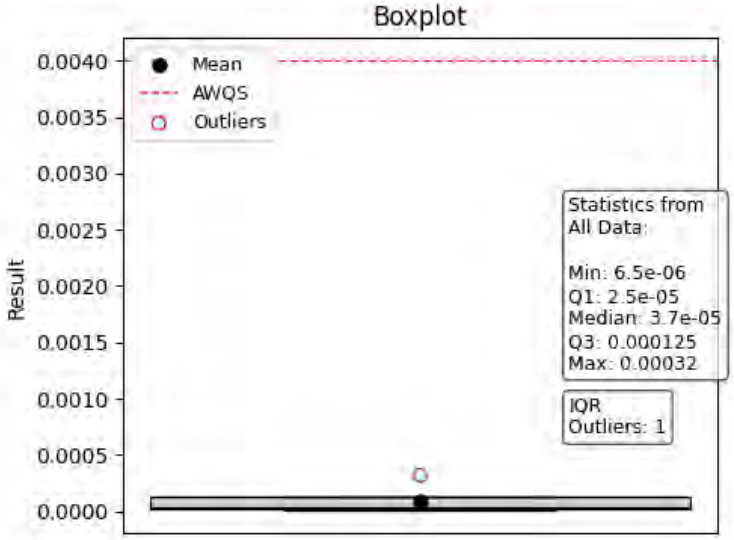
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Beryllium







Well ID: POC-06
Constituent: Beryllium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 8.76e-05
Median = 3.7e-05
Min = 6.5e-06
Max = 0.00032
StdDev = 9.84e-05
95%ile = 0.000244

% Non Detects = 33.3%

Distribution = Normal
UTL (norm) = 0.000386
UTL (log) = 0.00177
UTL (np) = 0.00032

Trend = no trend
MK p = 0.0877
MK s = -14

Rosner
Outliers = 1
CV% = 112.28

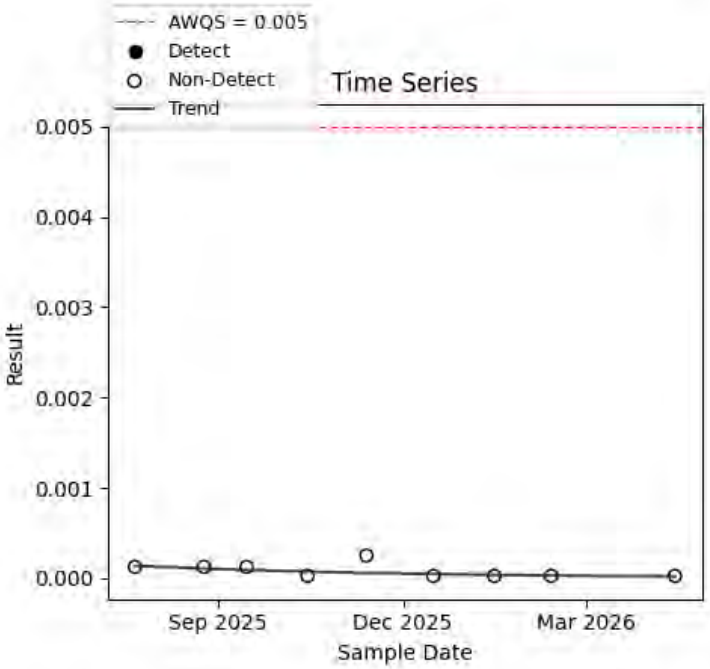
AWQS = 0.004 mg/L

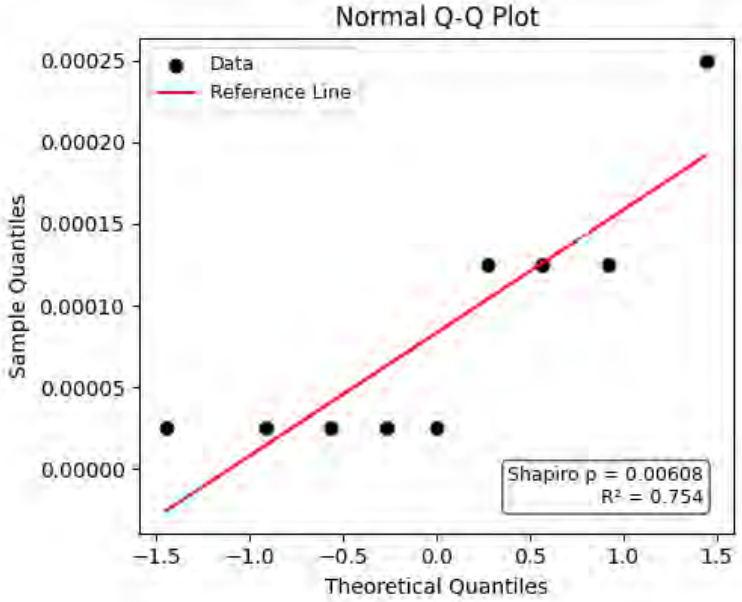
Figure: 6.6

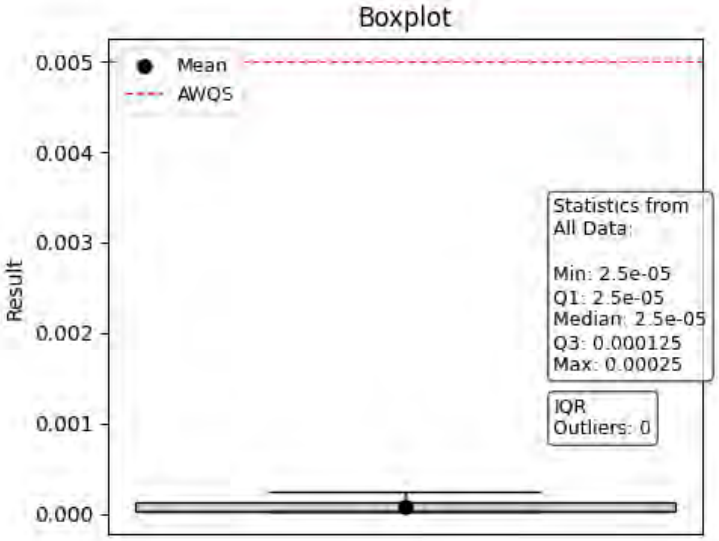
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Cadmium







Well ID: POC-06
Constituent: Cadmium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 8.33e-05
Median = 2.5e-05
Min = 2.5e-05
Max = 0.00025
StdDev = 7.91e-05
95%ile = 0.0002

% Non Detects = 100.0%

Distribution = Normal
UTL (norm) = 0.000323
UTL (log) = 0.00102
UTL (np) = 0.00025

Trend = decreasing
MK p = 0.0491
MK s = -15

Rosner
Outliers = 0
CV% = 94.87

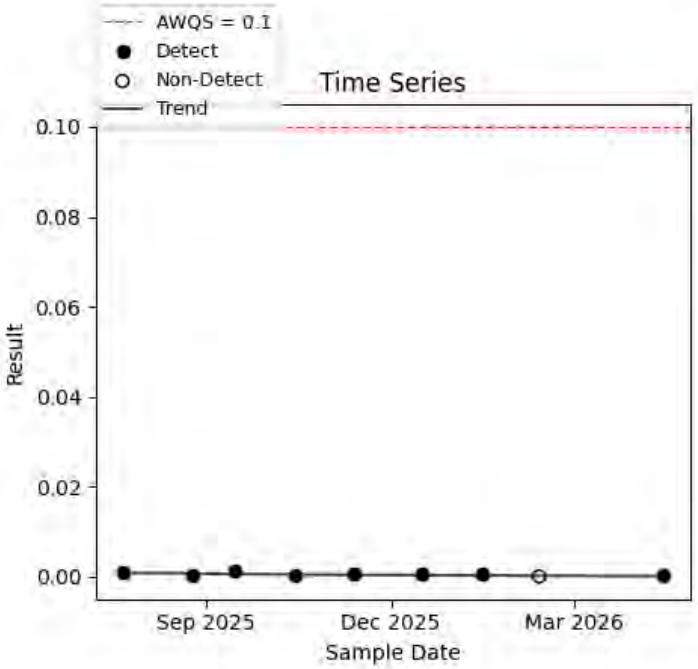
AWQS = 0.005 mg/L

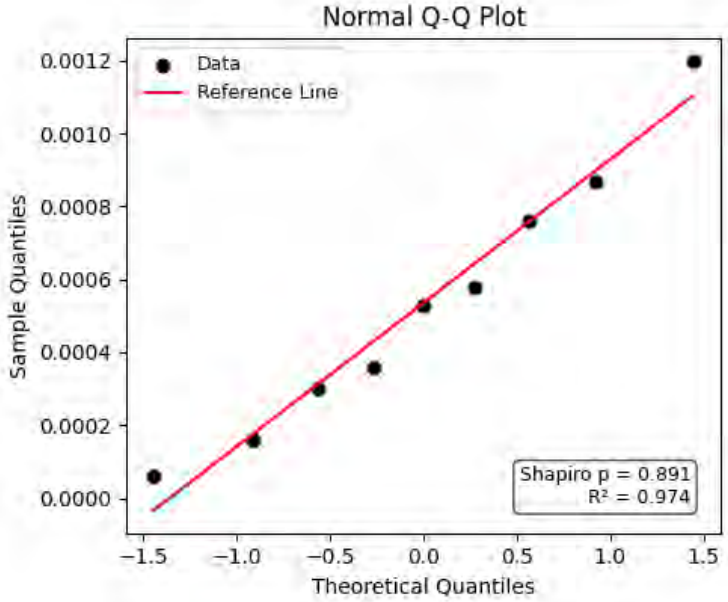
Figure: 6.7

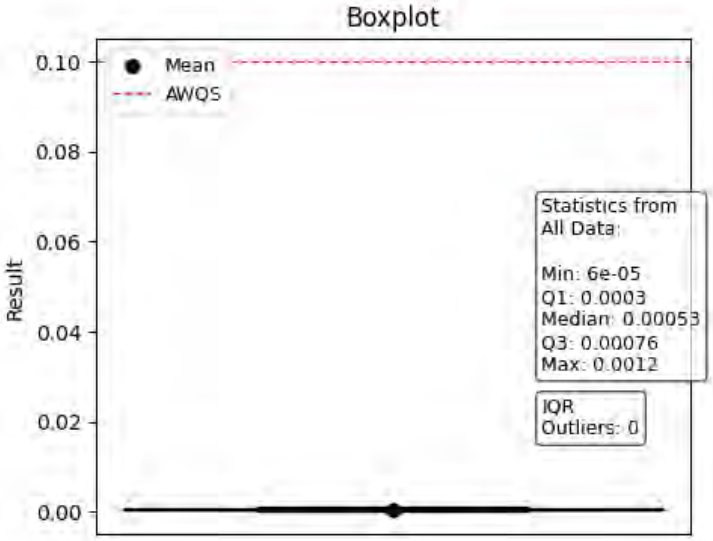
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Chromium







Well ID: POC-06
Constituent: Chromium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000536
Median = 0.00053
Min = 6e-05
Max = 0.0012
StdDev = 0.000364
95%ile = 0.00107

% Non Detects = 11.1%

Distribution = Normal
UTL (norm) = 0.00164
UTL (log) = 0.00675
UTL (np) = 0.0012

Trend = no trend
MK p = 0.174
MK s = -10

Rosner
Outliers = 0
CV% = 67.94

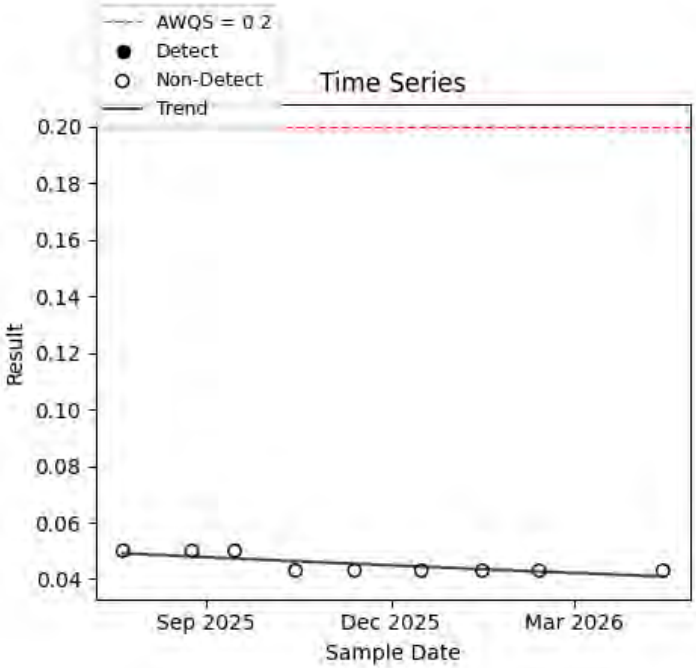
AWQS = 0.1 mg/L

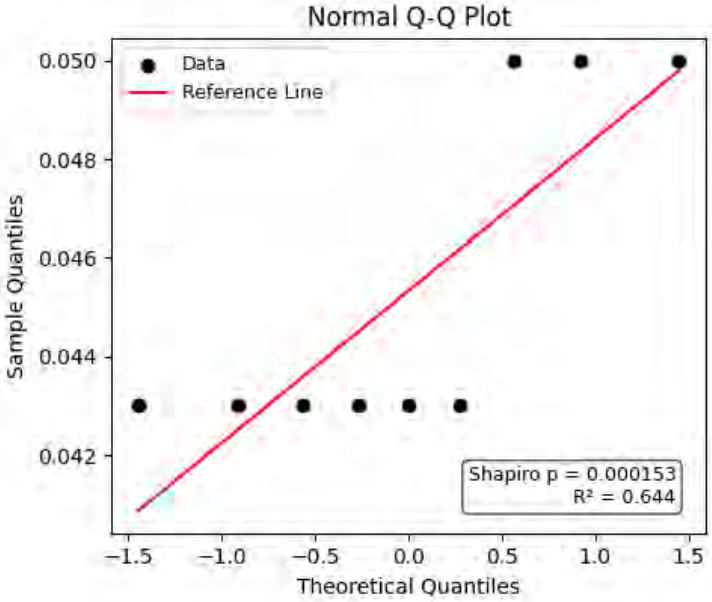
Figure: 6.8

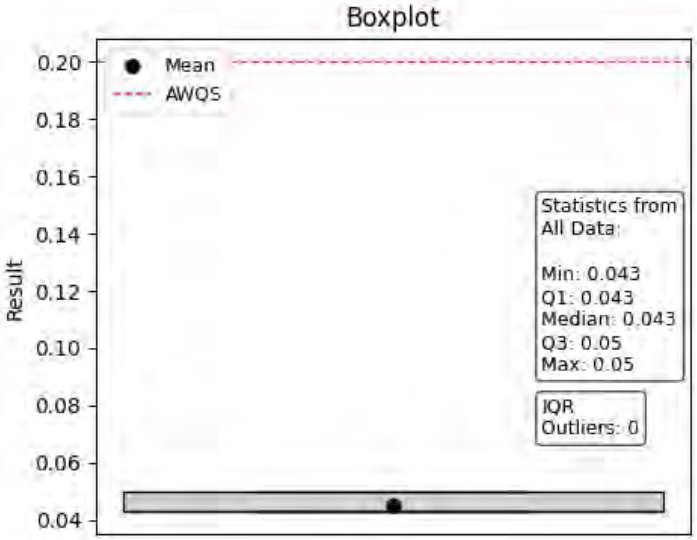
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Cyanide







Well ID: POC-06
Constituent: Cyanide
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0453
Median = 0.043
Min = 0.043
Max = 0.05
StdDev = 0.0035
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0559
UTL (log) = 0.0568
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 7.72

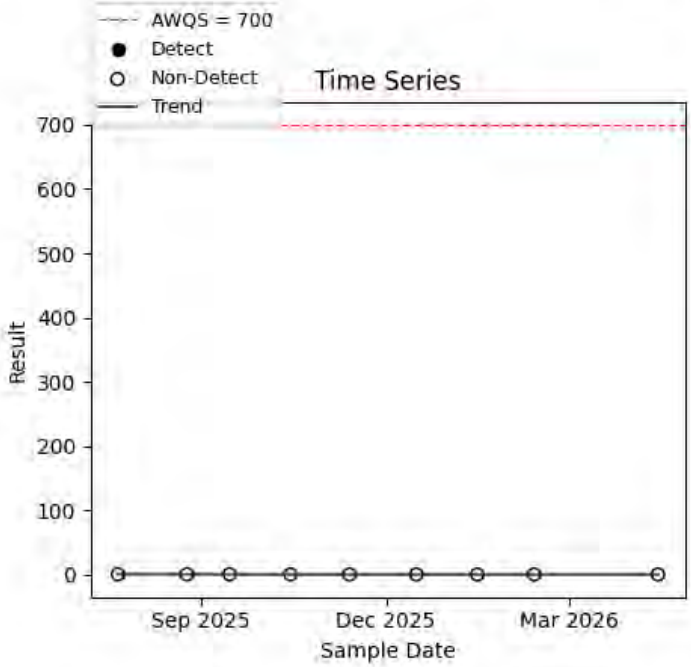
AWQS = 0.2 mg/L

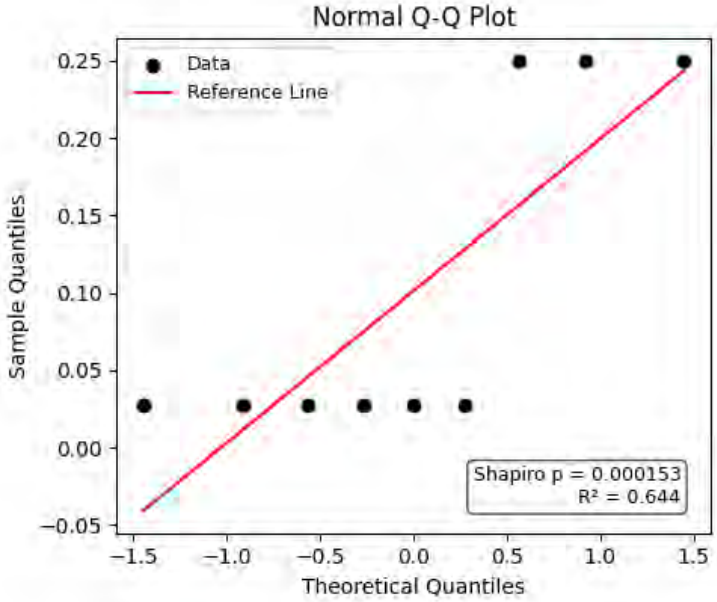
Figure: 6.9

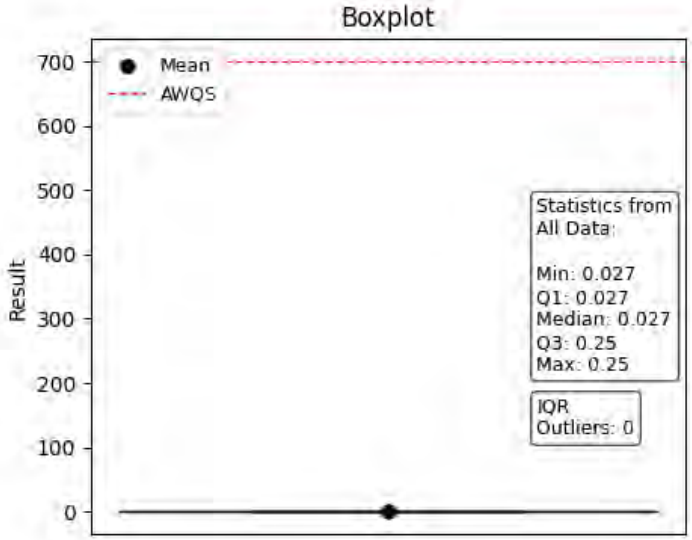
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Ethylbenzene







Well ID: POC-06
Constituent: Ethylbenzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.101
Median = 0.027
Min = 0.027
Max = 0.25
StdDev = 0.112
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.439
UTL (log) = 1.65
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 110.03

AWQS = 700 ug/L

Figure: 6.10

Copper World, Inc.
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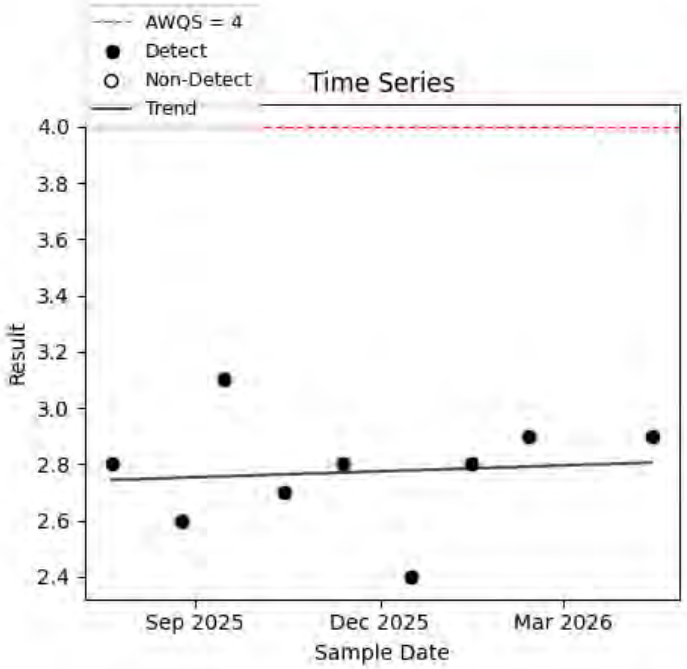
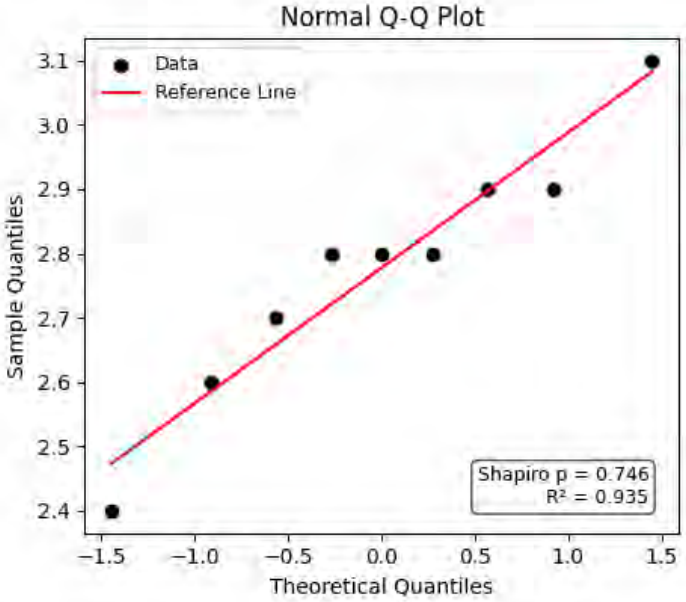
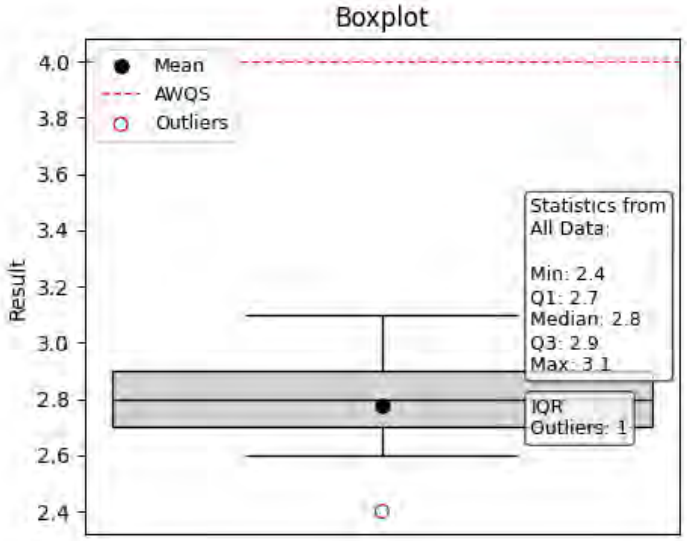
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Fluoride







Well ID: POC-06
Constituent: Fluoride
Units: mg/L
N = 9

Detect Only Stats:
Mean = 2.78
Median = 2.8
Min = 2.4
Max = 3.1
StdDev = 0.199
95%ile = 3.02

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 3.38
UTL (log) = 3.46
UTL (np) = 3.1

Trend = no trend
MK p = 0.227
MK s = 8

Rosner
Outliers = 0
CV% = 7.15

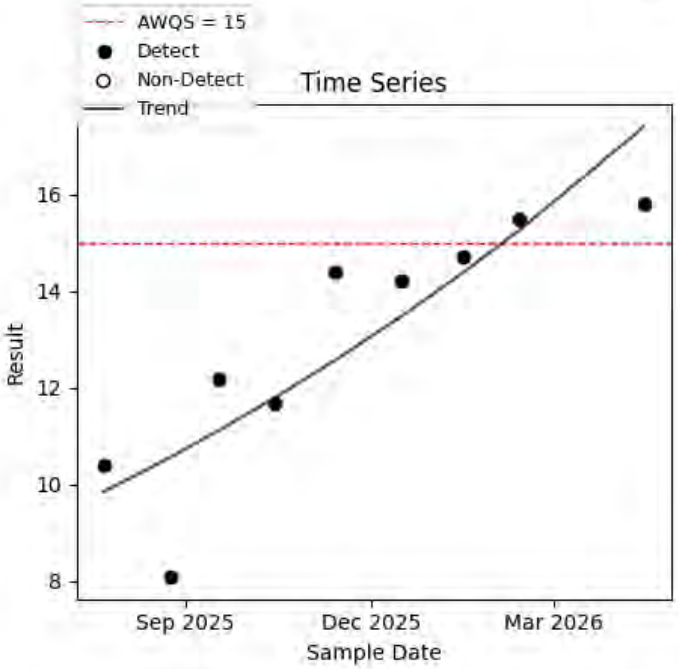
AWQS = 4 mg/L

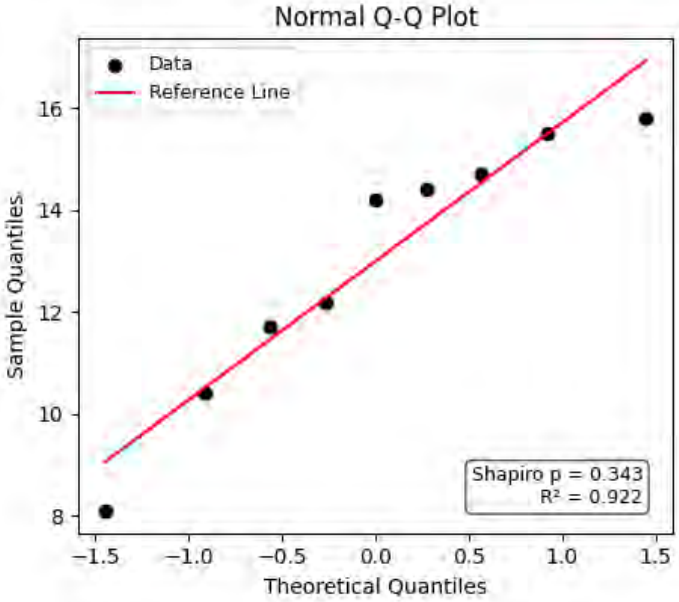
Figure: 6.11

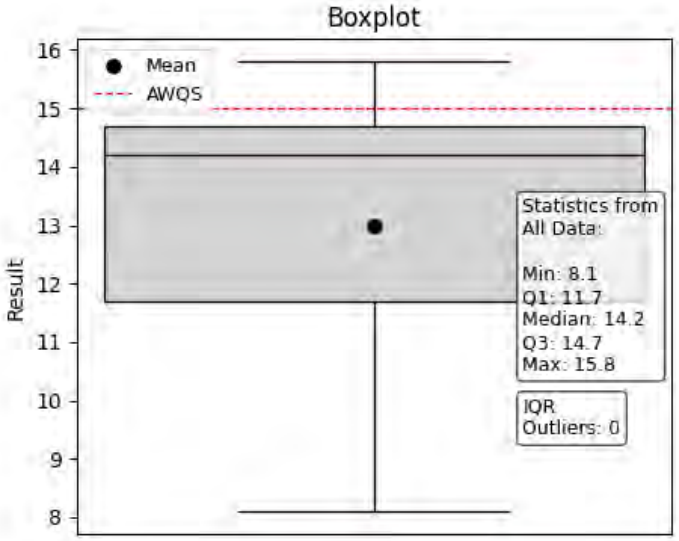
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Gross Alpha Activity







⚠ **Exceeds AWQS**

Well ID: POC-06
Constituent: Gross Alpha Activity
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 13
Median = 14.2
Min = 8.1
Max = 15.8
StdDev = 2.59
95%ile = 15.7

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 20.8
UTL (log) = 24.8
UTL (np) = 15.8

Trend = increasing
MK p = 0.00125
MK s = 30

Rosner
Outliers = 0
CV% = 19.89

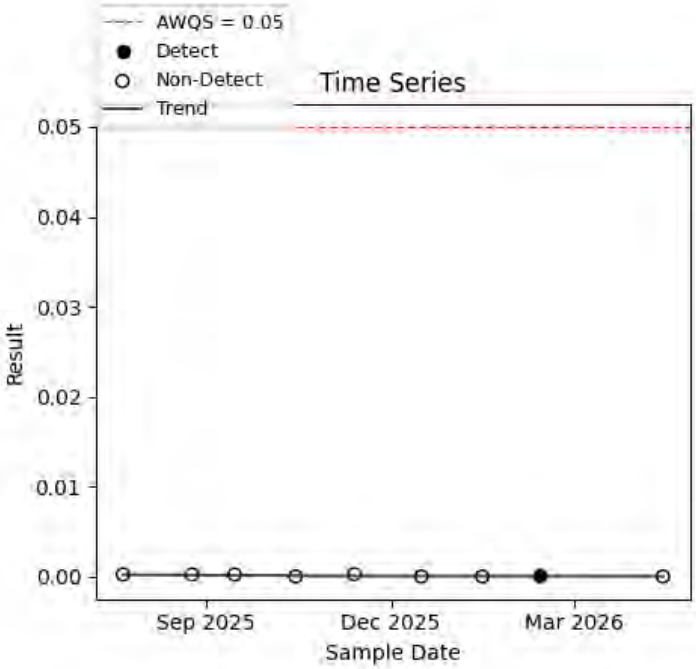
AWQS = 15 pCi/L

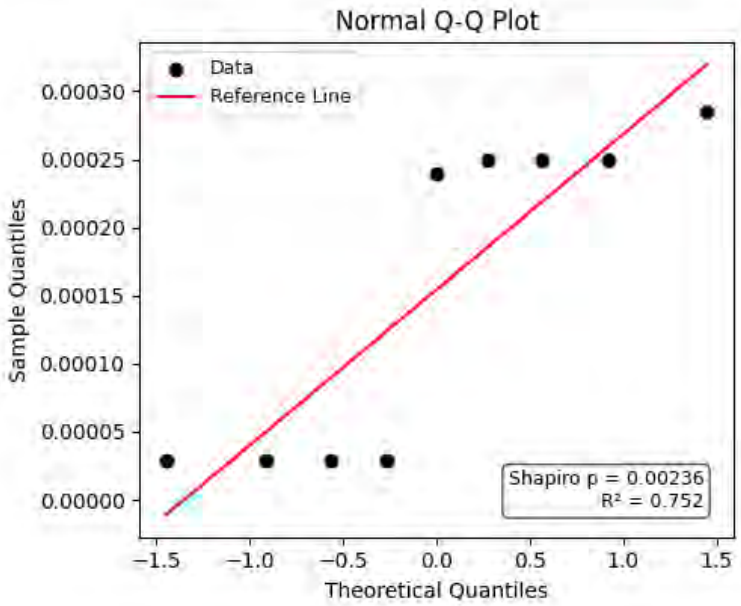
Figure: 6.12

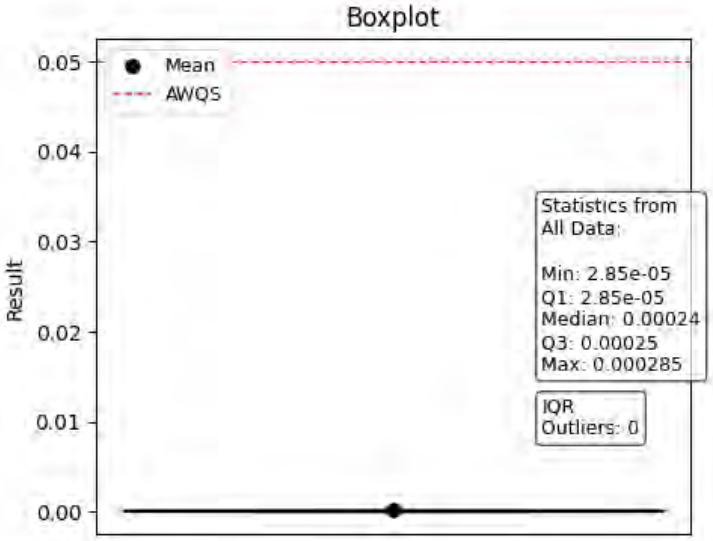
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Lead







Well ID: POC-06
Constituent: Lead
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000154
Median = 0.00024
Min = 2.85e-05
Max = 0.000285
StdDev = 0.00012
95%ile = 0.000271

% Non Detects = 88.9%

Distribution = Normal
UTL (norm) = 0.000518
UTL (log) = 0.00319
UTL (np) = 0.000285

Trend = no trend
MK p = 0.0894
MK s = -13

Rosner
Outliers = 0
CV% = 77.76

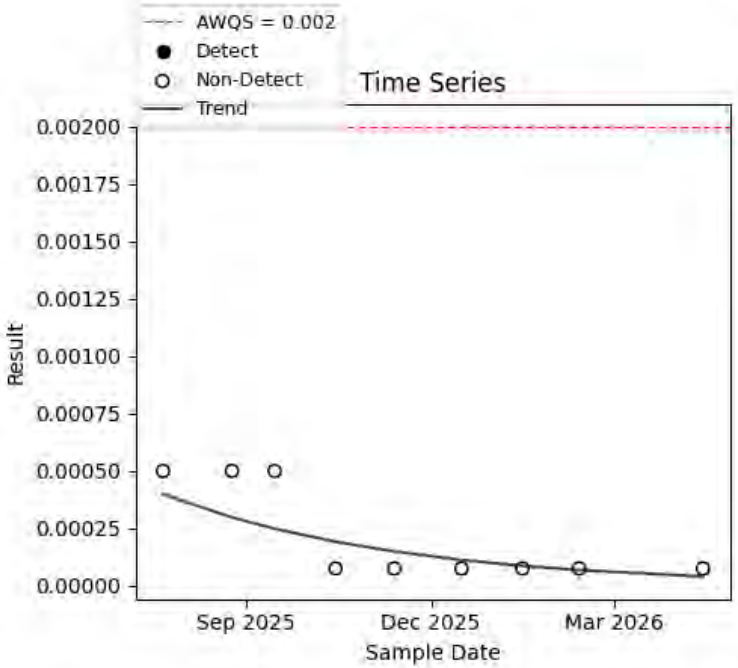
AWQS = 0.05 mg/L

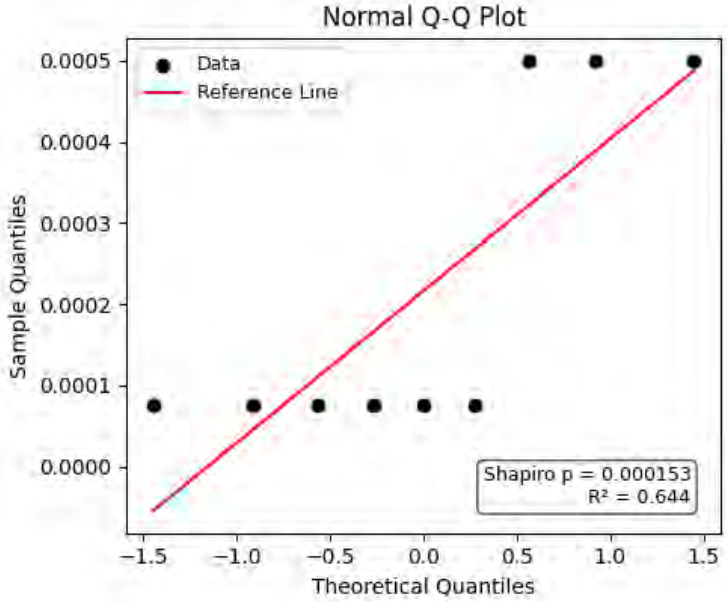
Figure: 6.13

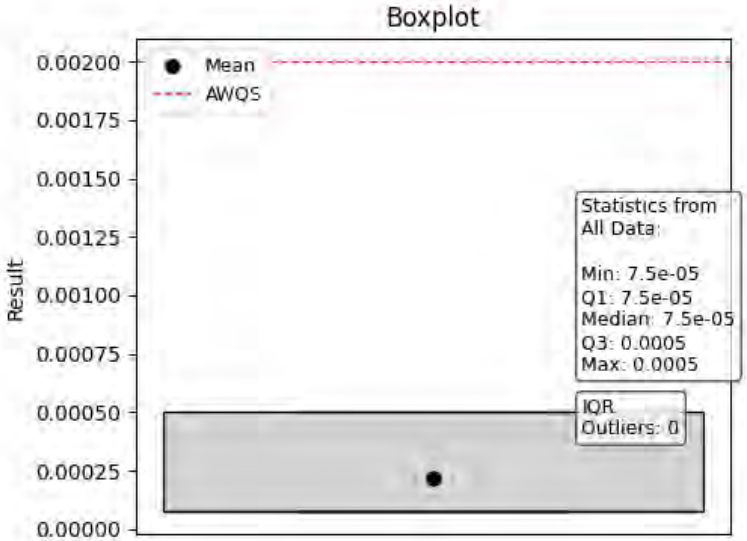
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Mercury







Well ID: POC-06
Constituent: Mercury
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000217
Median = 7.5e-05
Min = 7.5e-05
Max = 0.0005
StdDev = 0.000213
95%ile = 0.0005

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.000861
UTL (log) = 0.0025
UTL (np) = 0.0005

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 98.08

AWQS = 0.002 mg/L

Figure: 6.14

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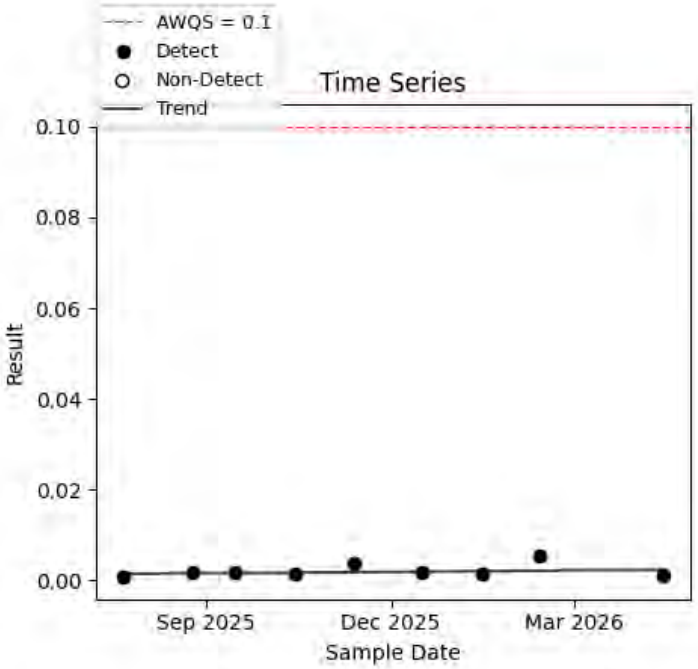
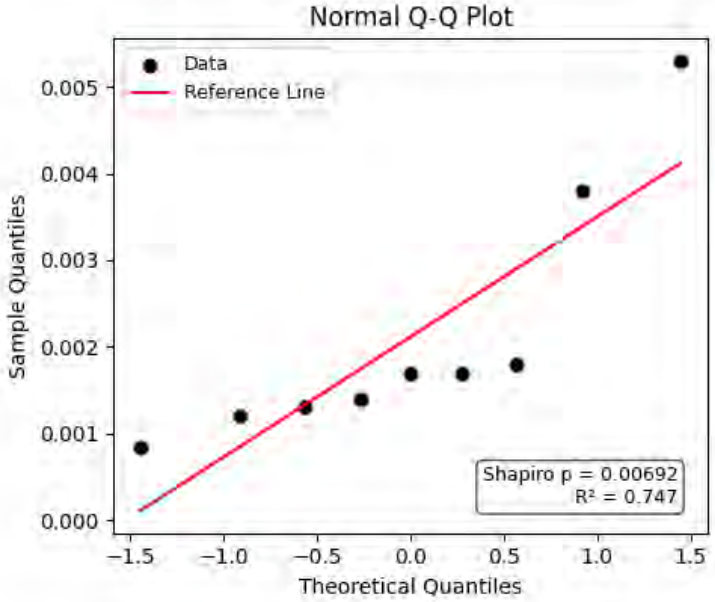
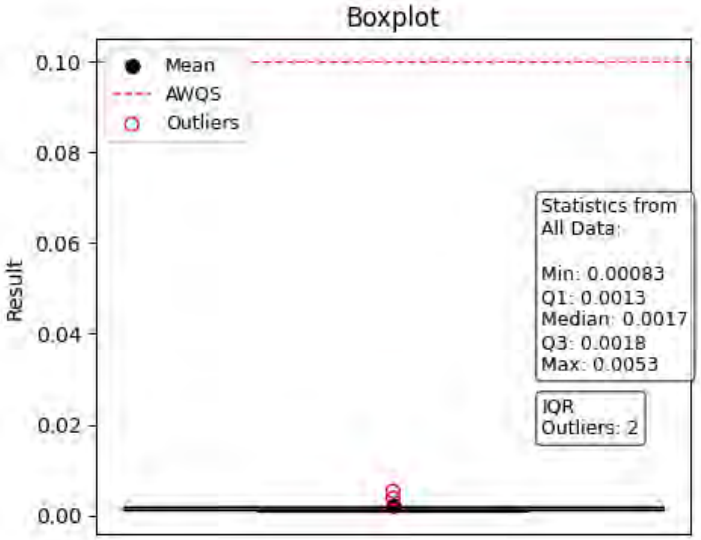
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Nickel







Well ID: POC-06
Constituent: Nickel
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00211
Median = 0.0017
Min = 0.00083
Max = 0.0053
StdDev = 0.00146
95%ile = 0.0047

% Non Detects = 0.0%

Distribution = Log-Normal
UTL (norm) = 0.00654
UTL (log) = 0.0103
UTL (np) = 0.0053

Trend = no trend
MK p = 0.5
MK s = 1

Rosner
Outliers = 0
CV% = 69.13

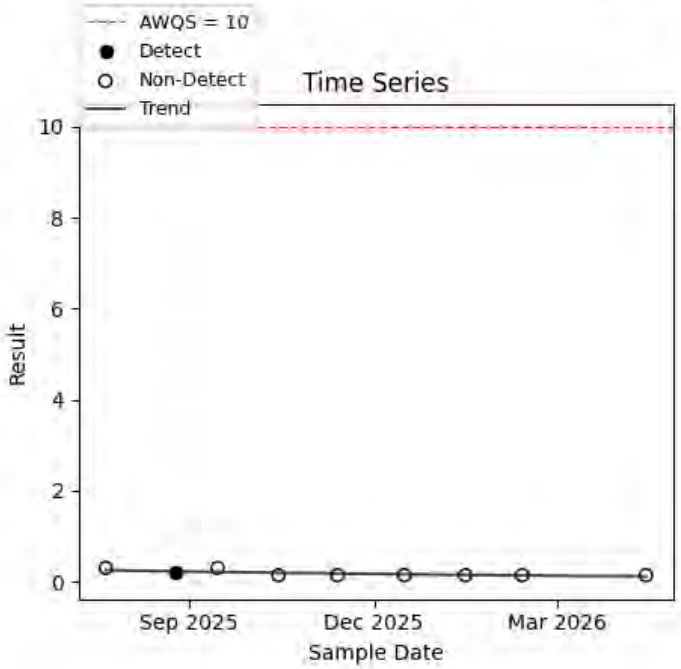
AWQS = 0.1 mg/L

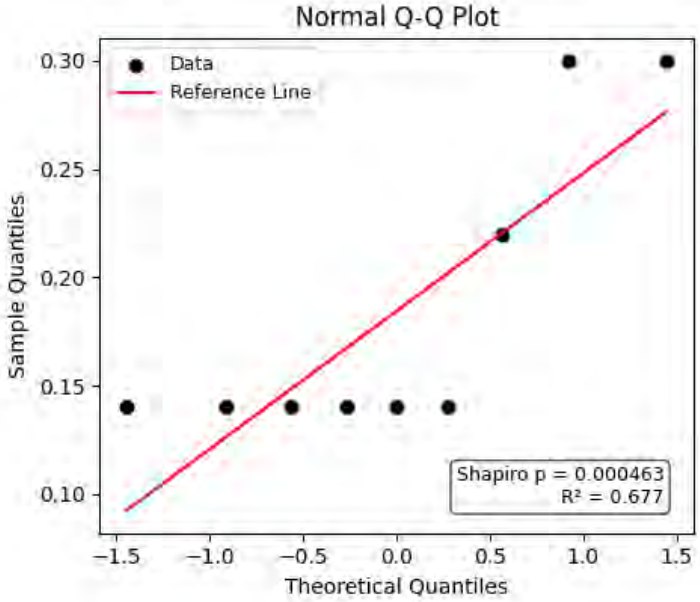
Figure: 6.15

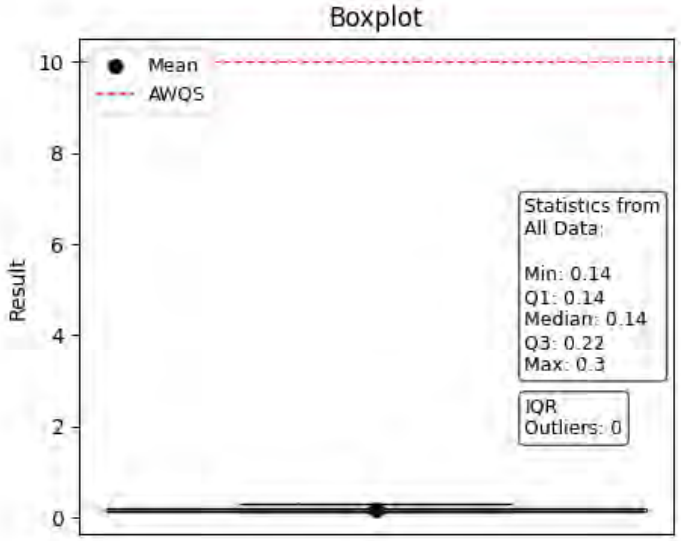
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Nitrate and Nitrite Sum







Well ID: POC-06
Constituent: Nitrate and Nitrite Sum
Units: nan
N = 9

Detect Only Stats:
Mean = 0.184
Median = 0.14
Min = 0.14
Max = 0.3
StdDev = 0.0706
95%ile = 0.3

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.398
UTL (log) = 0.491
UTL (np) = 0.3

Trend = decreasing
MK p = 0.0159
MK s = -18

Rosner
Outliers = 0
CV% = 38.25

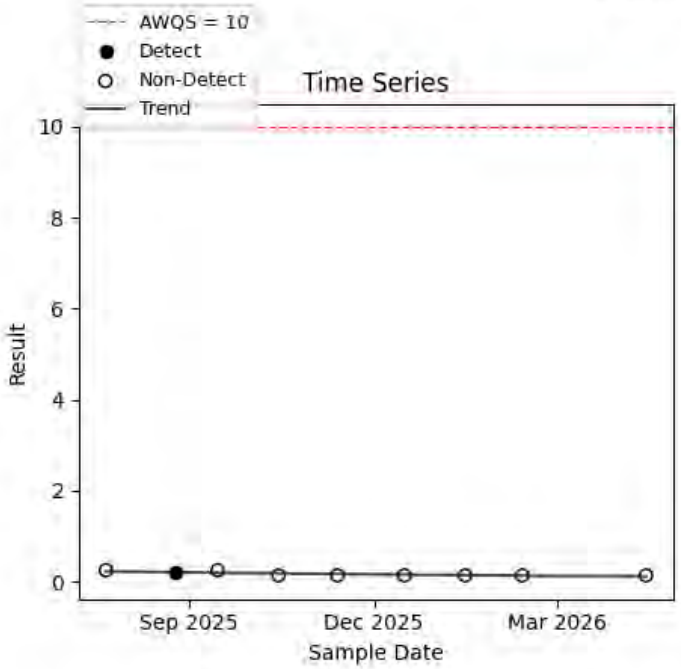
AWQS = 10 nan

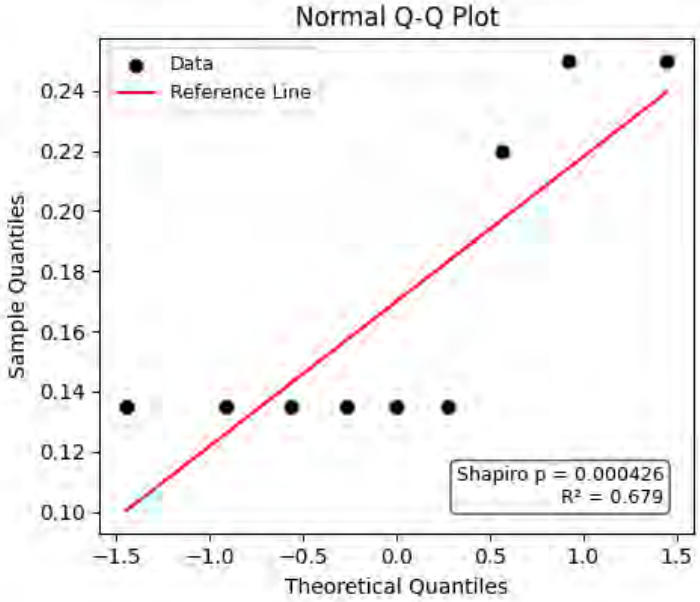
Figure: 6.16

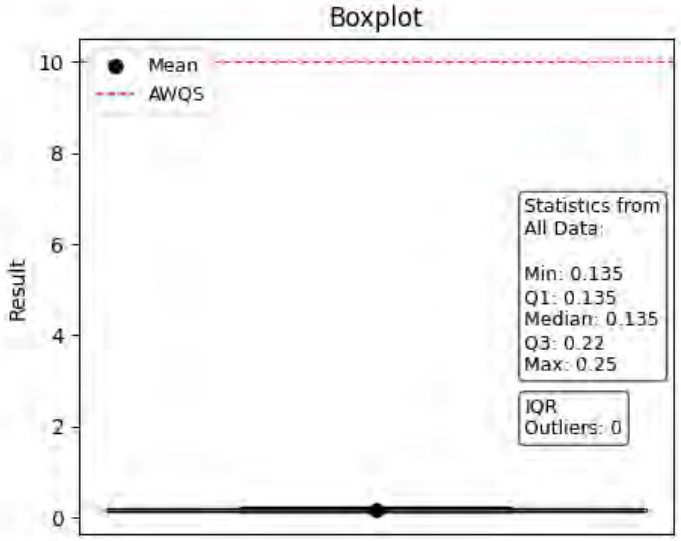
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Nitrogen, Nitrate (As N)







Well ID: POC-06
Constituent: Nitrogen, Nitrate (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.17
Median = 0.135
Min = 0.135
Max = 0.25
StdDev = 0.0532
95%ile = 0.25

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.331
UTL (log) = 0.393
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0159
MK s = -18

Rosner
Outliers = 0
CV% = 31.30

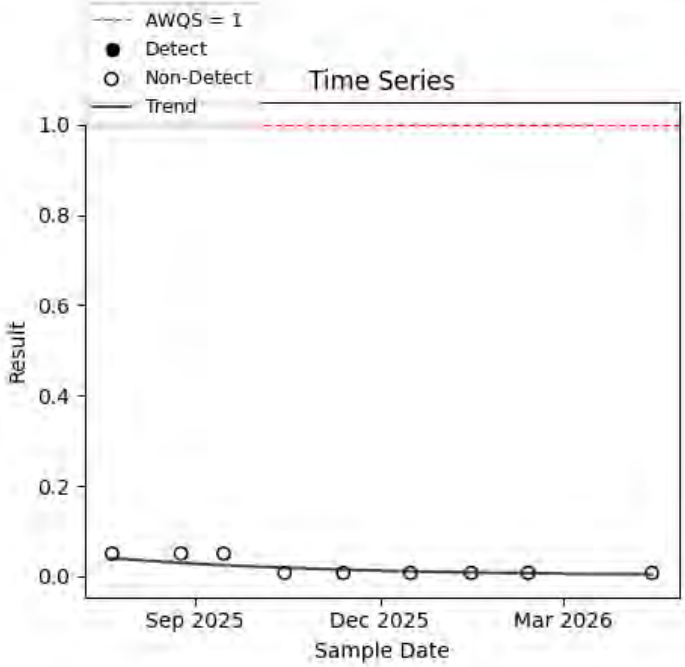
AWQS = 10 mg/L

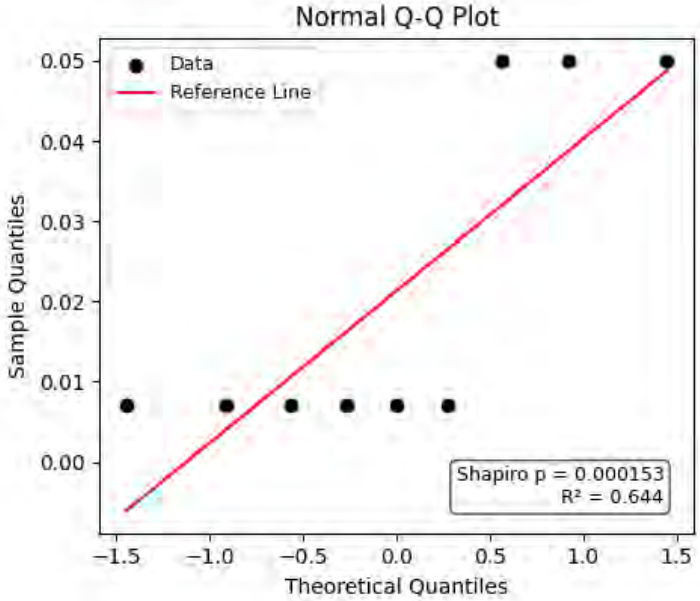
Figure: 6.17

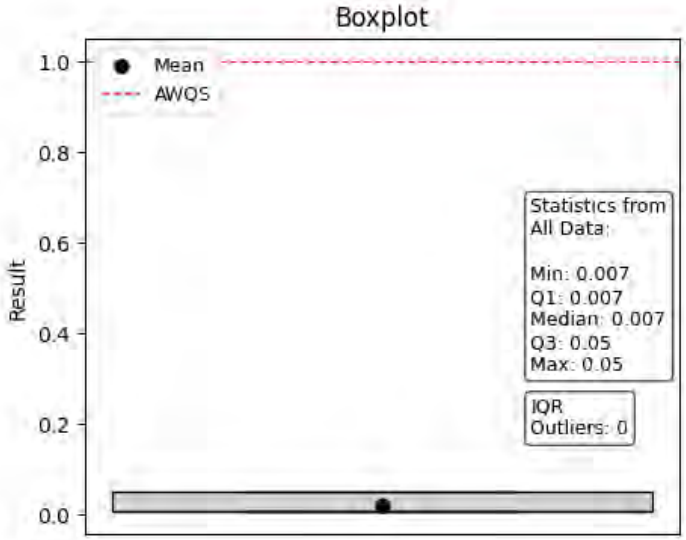
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Nitrogen, Nitrite (As N)







Well ID: POC-06
Constituent: Nitrogen, Nitrite (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0213
Median = 0.007
Min = 0.007
Max = 0.05
StdDev = 0.0215
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0865
UTL (log) = 0.265
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 100.78

AWQS = 1 mg/L

Figure: 6.18

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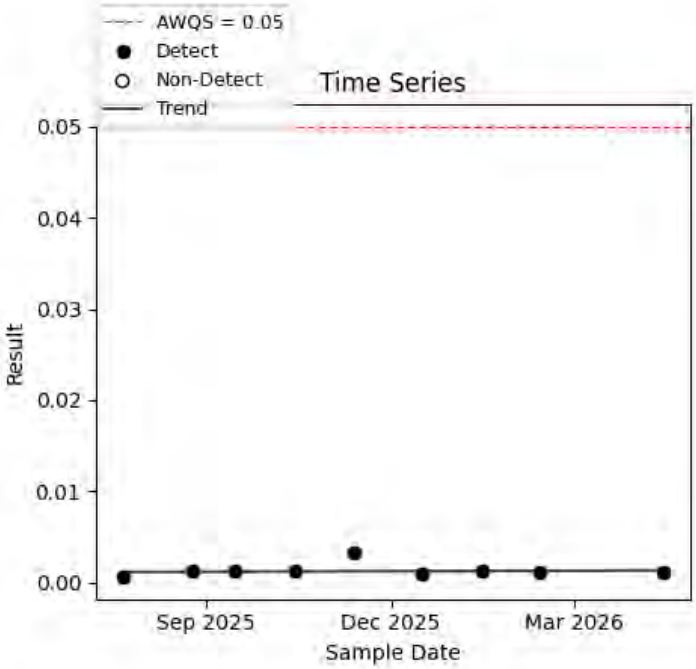
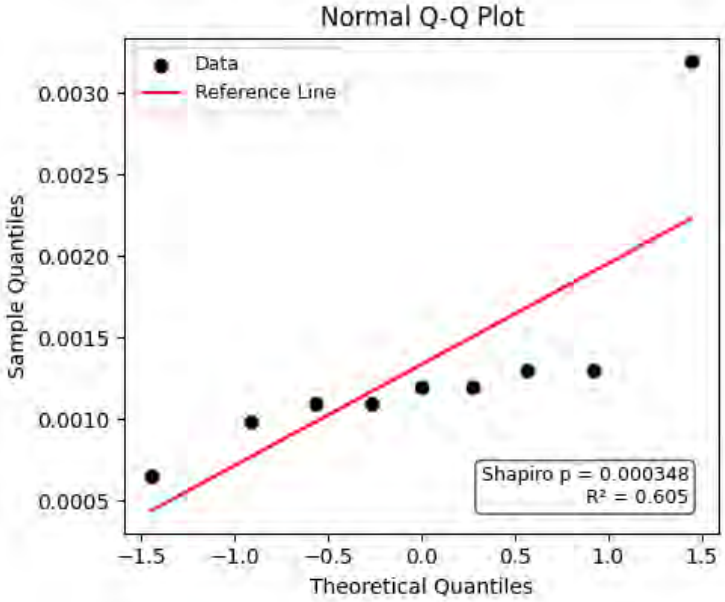
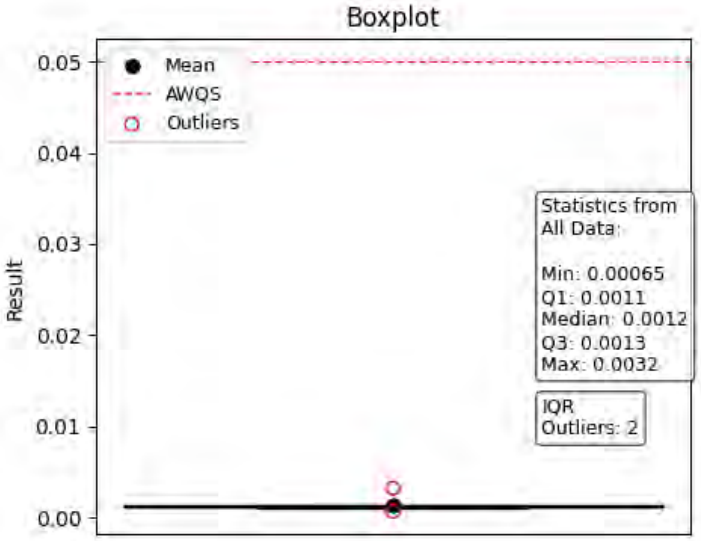
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Selenium







Well ID: POC-06
Constituent: Selenium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00134
Median = 0.0012
Min = 0.00065
Max = 0.0032
StdDev = 0.000727
95%ile = 0.00244

% Non Detects = 0.0%

Distribution = Log-Normal
UTL (norm) = 0.00354
UTL (log) = 0.00435
UTL (np) = 0.0032

Trend = no trend
MK p = 0.416
MK s = -3

Rosner
Outliers = 1
CV% = 54.35

AWQS = 0.05 mg/L

Figure: 6.19

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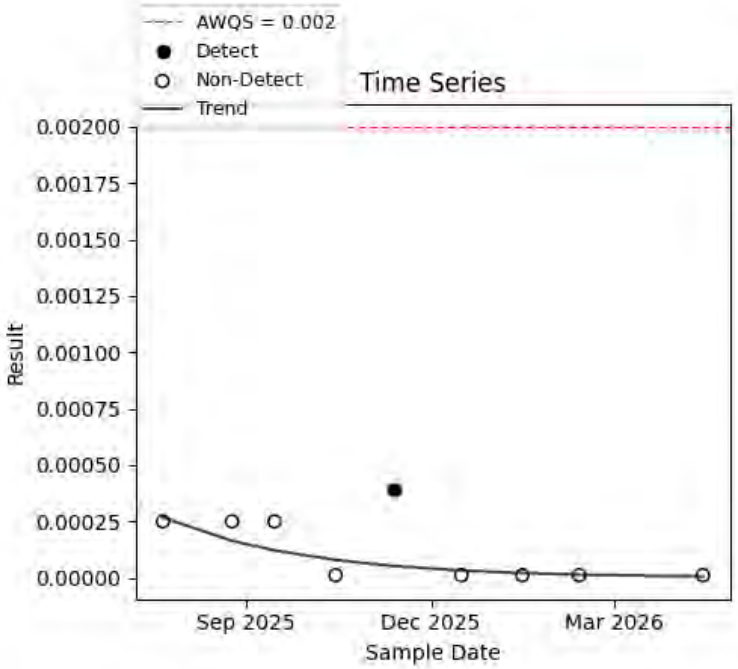
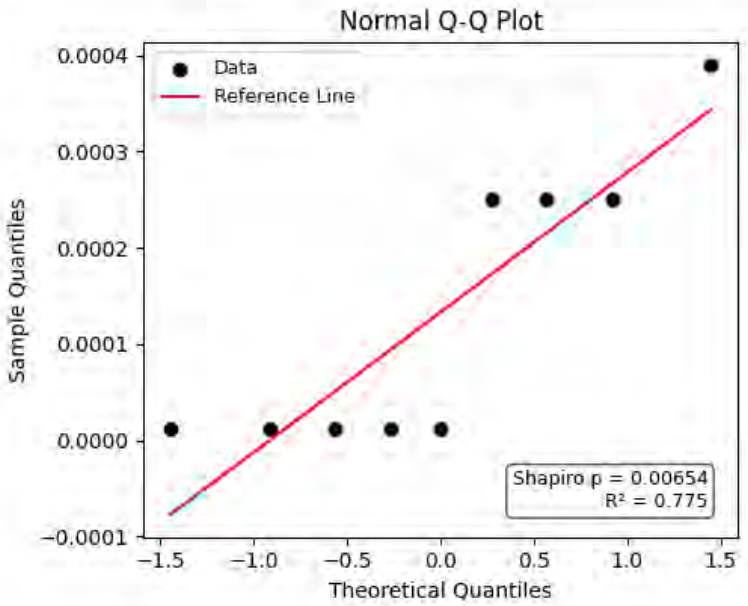
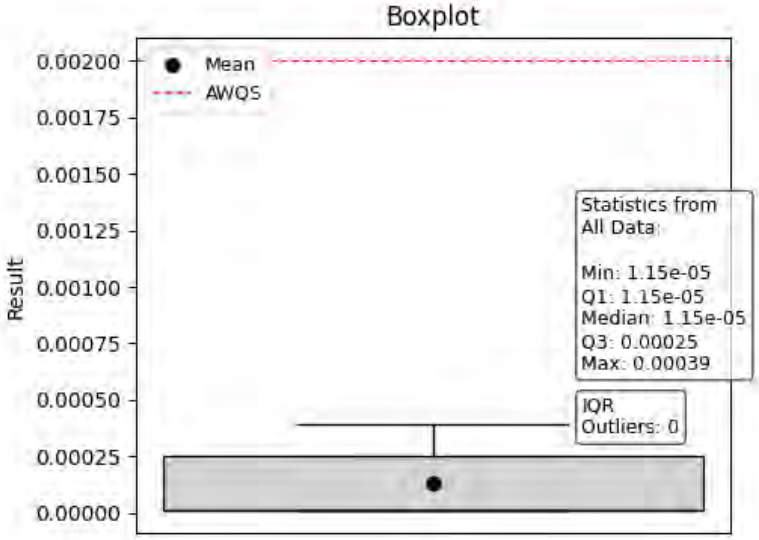
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-06 - Thallium







Well ID: POC-06
Constituent: Thallium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000133
Median = 1.15e-05
Min = 1.15e-05
Max = 0.00039
StdDev = 0.00015
95%ile = 0.000334

% Non Detects = 88.9%

Distribution = Normal
UTL (norm) = 0.000589
UTL (log) = 0.00789
UTL (np) = 0.00039

Trend = decreasing
MK p = 0.0491
MK s = -15

Rosner
Outliers = 0
CV% = 113.02

AWQS = 0.002 mg/L

Figure: 6.20

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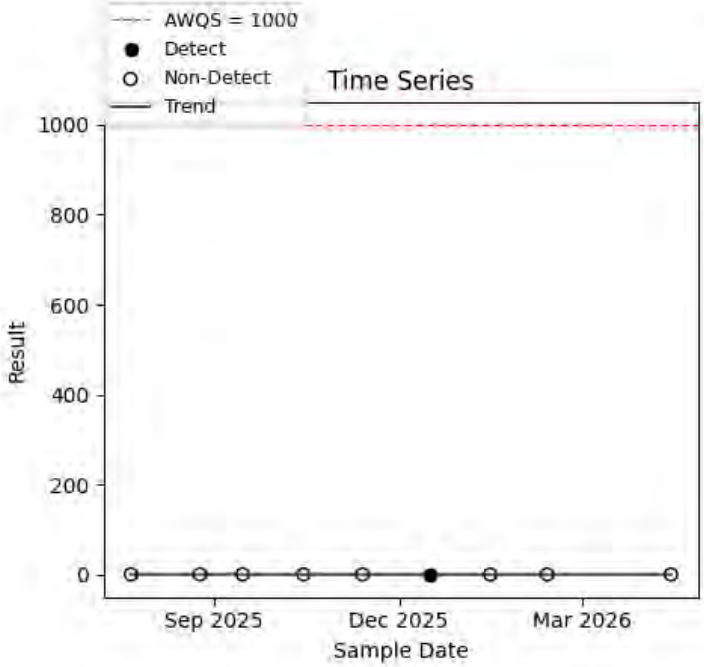
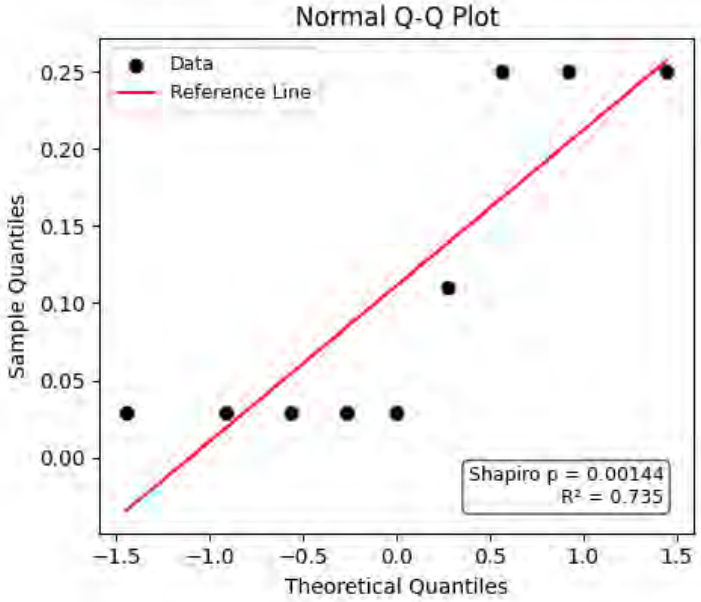
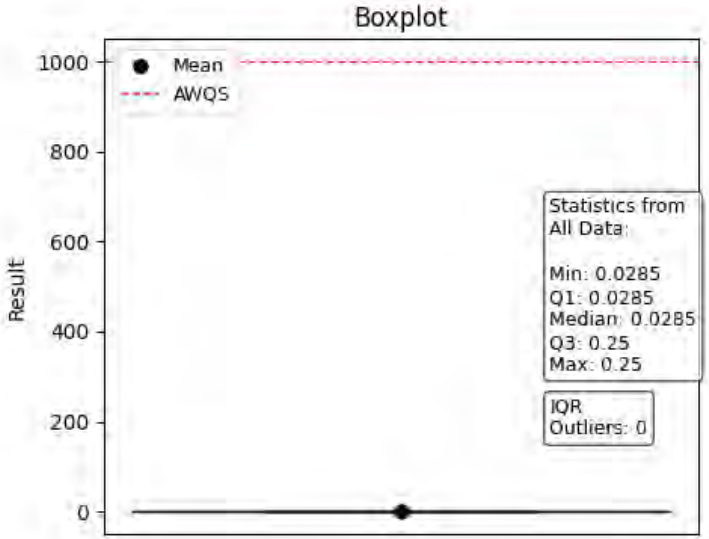
POC-06 - Toluene







Well ID: POC-06
Constituent: Toluene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.111
Median = 0.0285
Min = 0.0285
Max = 0.25
StdDev = 0.107
95%ile = 0.25

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.436
UTL (log) = 1.73
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0167
MK s = -19

Rosner
Outliers = 0
CV% = 96.27

AWQS = 1e+03 ug/L

Figure: 6.21

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Piteau Associates
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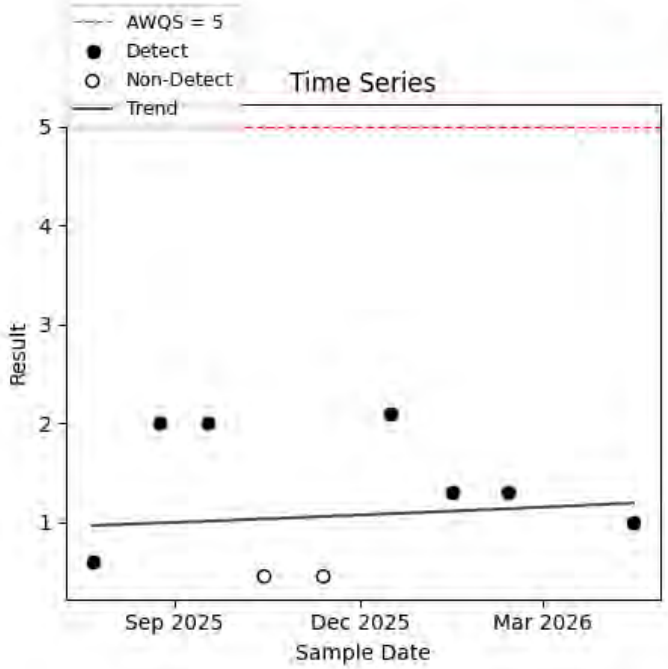
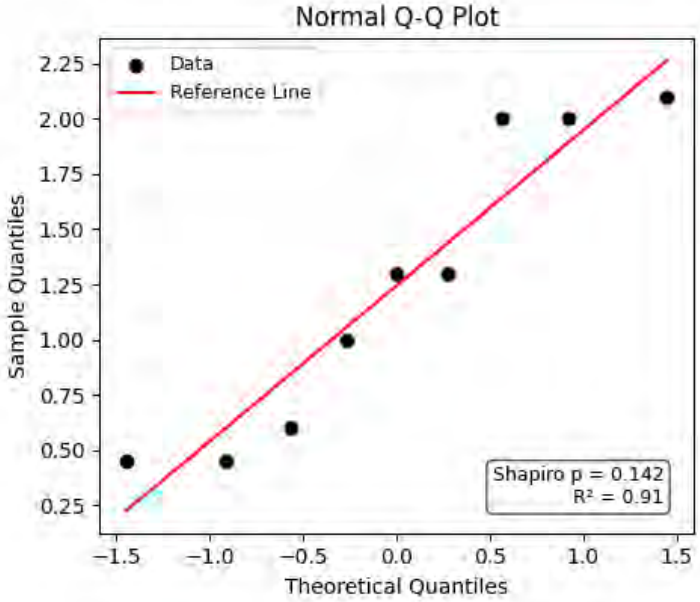
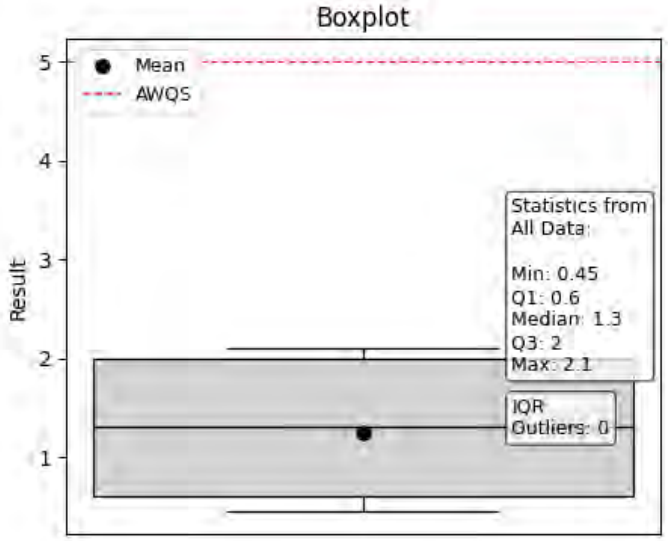
Approved: B. Giroux

POC-06 - Total Radium







Well ID: POC-06
Constituent: Total Radium
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 1.24
Median = 1.3
Min = 0.45
Max = 2.1
StdDev = 0.672
95%ile = 2.06

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 3.28
UTL (log) = 7.12
UTL (np) = 2.1

Trend = no trend
MK p = 0.5
MK s = -1

Rosner
Outliers = 0
CV% = 54.03

AWQS = 5 pCi/L

Figure: 6.22

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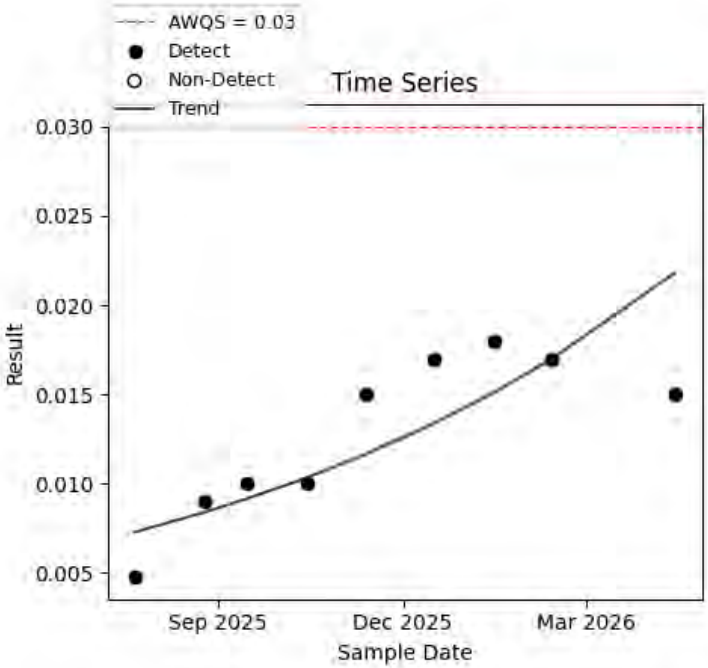
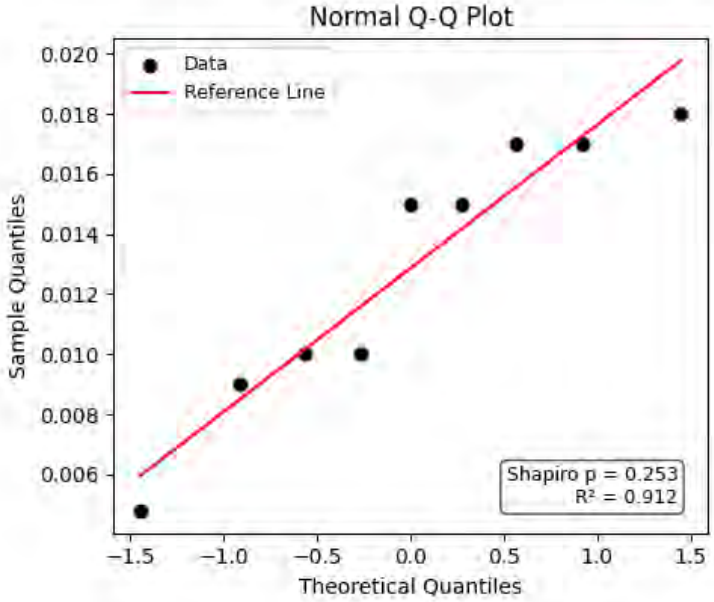
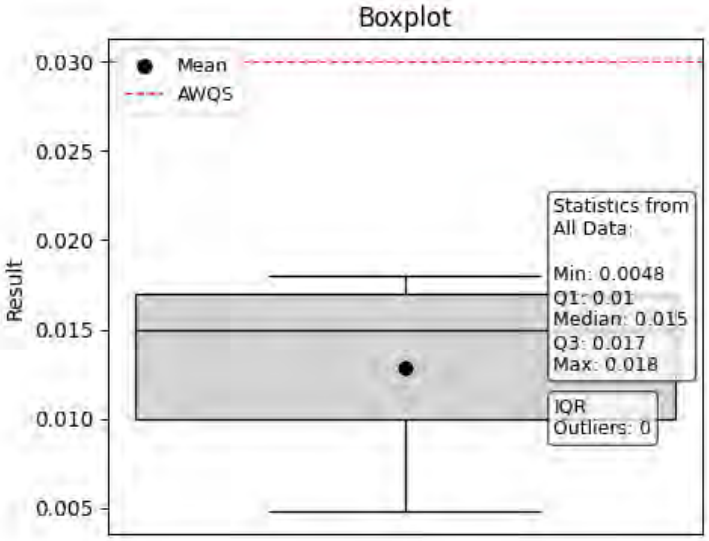
POC-06 - Uranium







Well ID: POC-06
Constituent: Uranium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0129
Median = 0.015
Min = 0.0048
Max = 0.018
StdDev = 0.00456
95%ile = 0.0176

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0267
UTL (log) = 0.0444
UTL (np) = 0.018

Trend = increasing
MK p = 0.00548
MK s = 25

Rosner
Outliers = 0
CV% = 35.41

AWQS = 0.03 mg/L

Figure: 6.23

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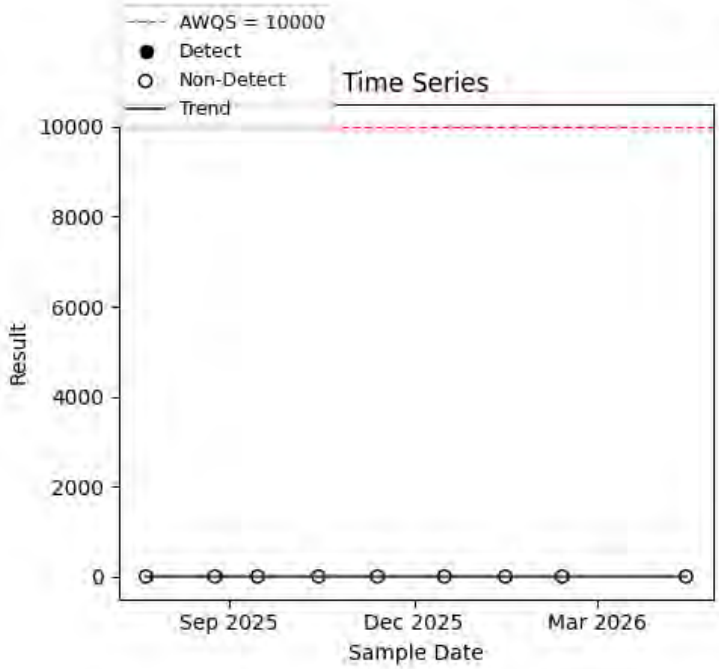
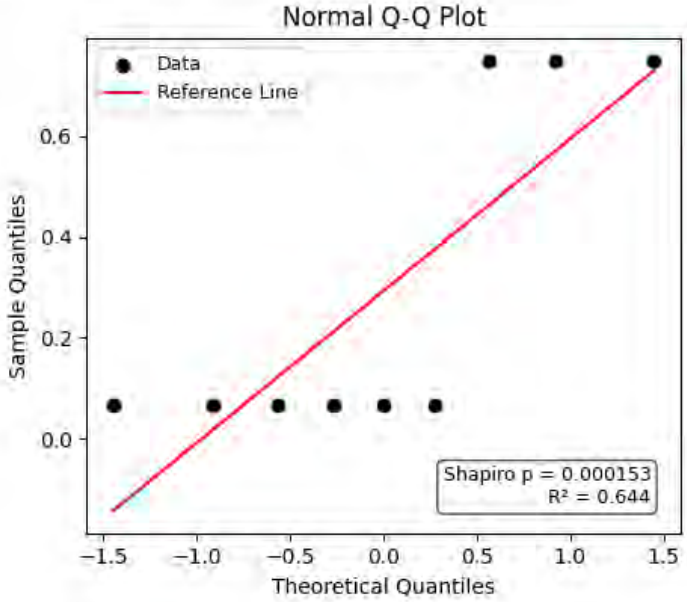
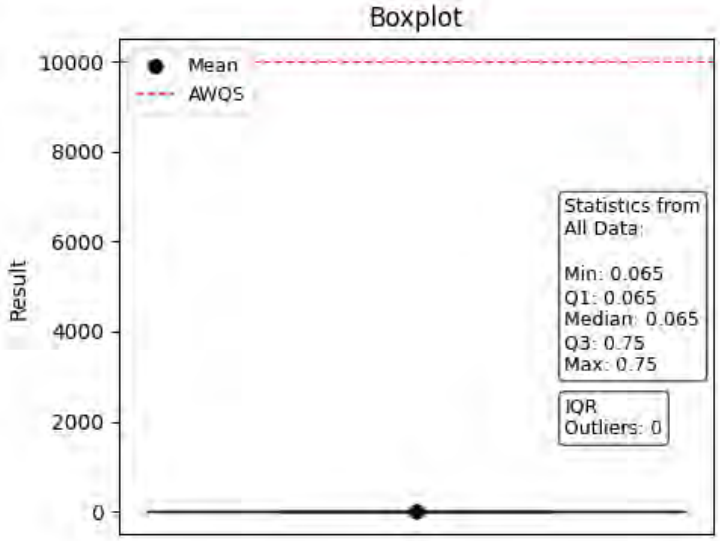
Approved: B. Giroux

POC-06 - Xylenes, Total







Well ID: POC-06
Constituent: Xylenes, Total
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.293
Median = 0.065
Min = 0.065
Max = 0.75
StdDev = 0.342
95%ile = 0.75

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 1.33
UTL (log) = 5.98
UTL (np) = 0.75

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 116.76

AWQS = 1e+04 ug/L

Figure: 6.24

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Helvetia, AZ

Piteau Associates
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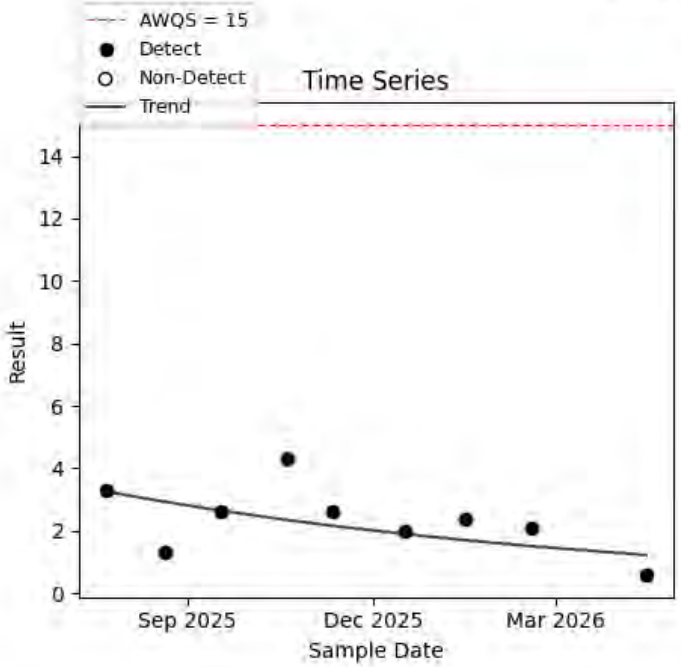
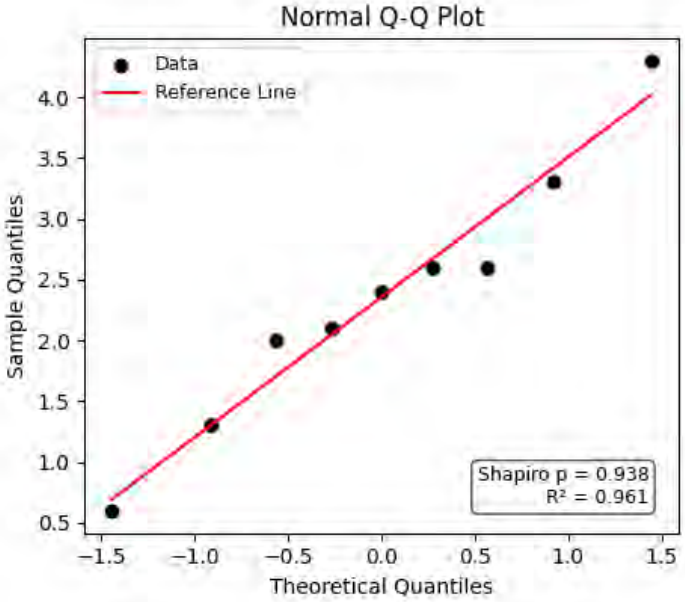
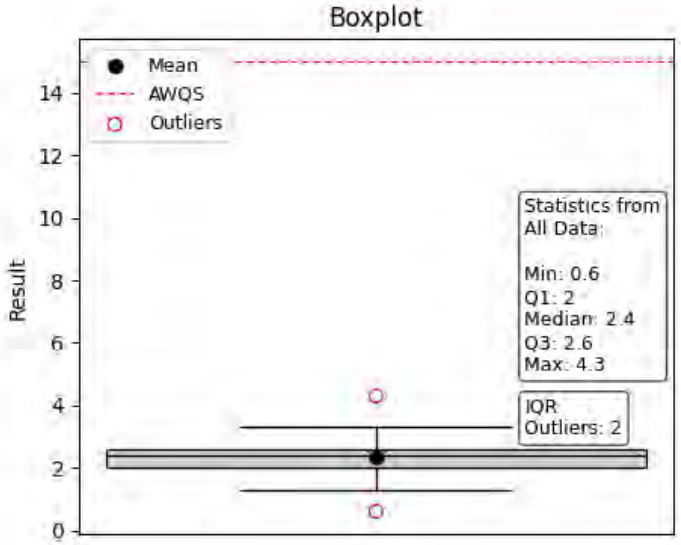
Approved: B. Giroux

POC-07 - Adjusted Gross Alpha







Well ID: POC-07
Constituent: Adjusted Gross Alpha
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 2.36
Median = 2.4
Min = 0.6
Max = 4.3
StdDev = 1.07
95%ile = 3.9

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 5.6
UTL (log) = 11.9
UTL (np) = 4.3

Trend = no trend
MK p = 0.0711
MK s = -15

Rosner
Outliers = 0
CV% = 45.48

AWQS = 15 pCi/L

Figure: 7.1

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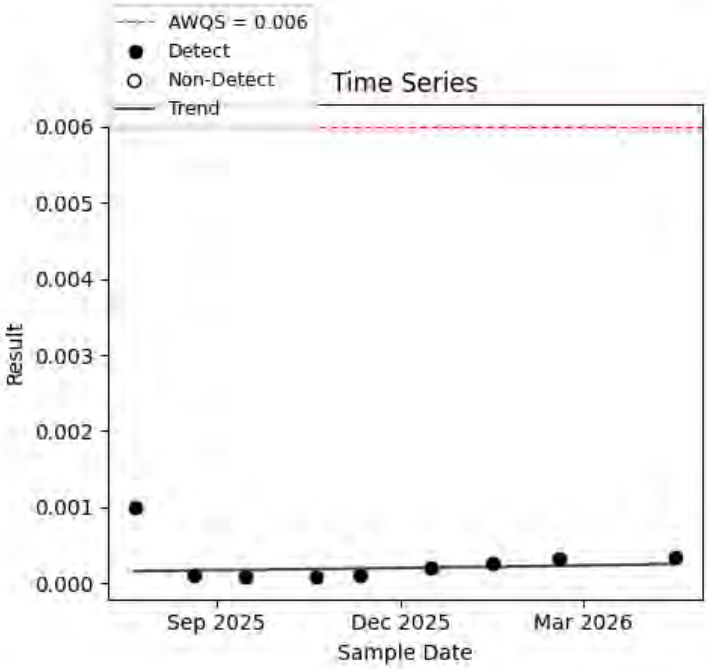
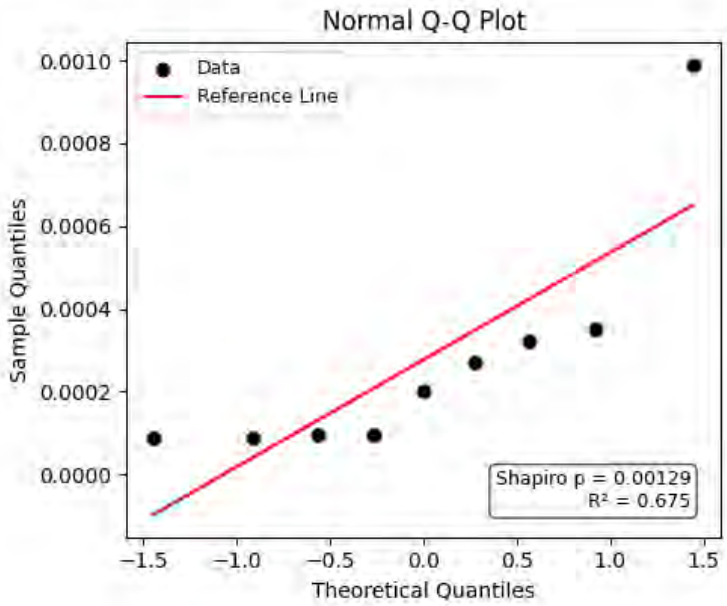
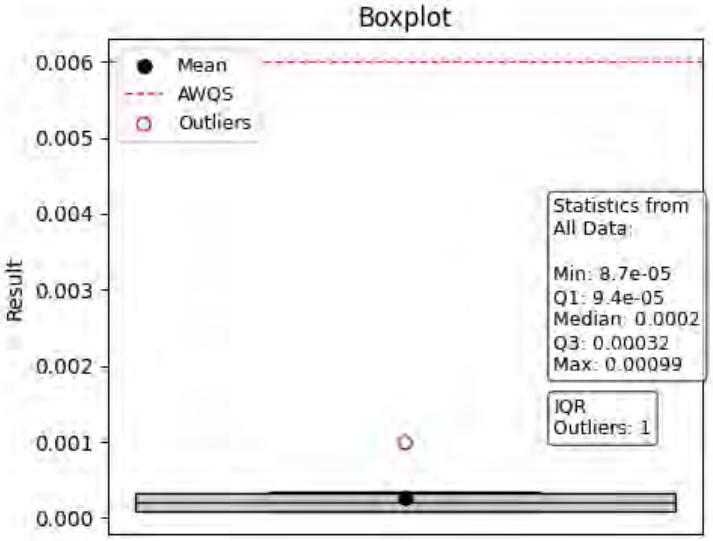
Approved: B. Giroux

POC-07 - Antimony







Well ID: POC-07
Constituent: Antimony
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000277
Median = 0.0002
Min = 8.7e-05
Max = 0.00099
StdDev = 0.000287
95%ile = 0.000734

% Non Detects = 0.0%

Distribution = Log-Normal
UTL (norm) = 0.00115
UTL (log) = 0.0025
UTL (np) = 0.00099

Trend = no trend
MK p = 0.0589
MK s = 16

Rosner
Outliers = 1
CV% = 103.65

AWQS = 0.006 mg/L

Figure: 7.2

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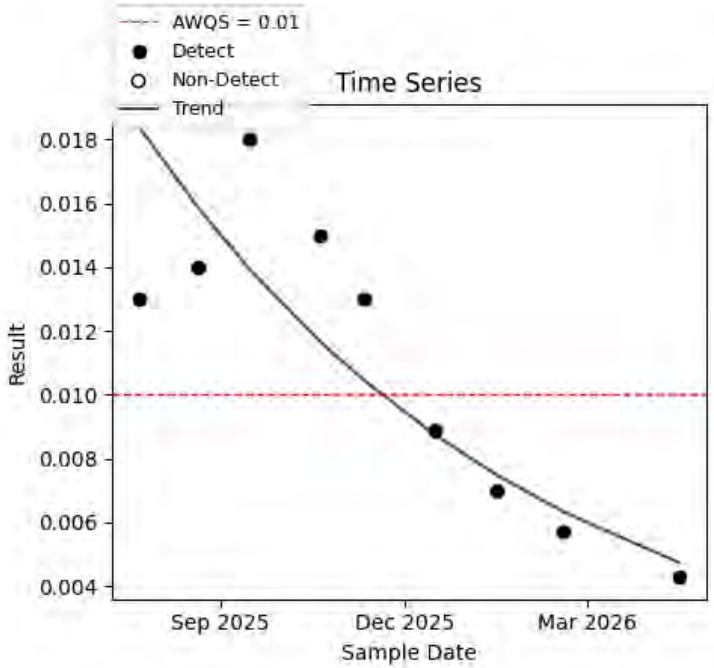
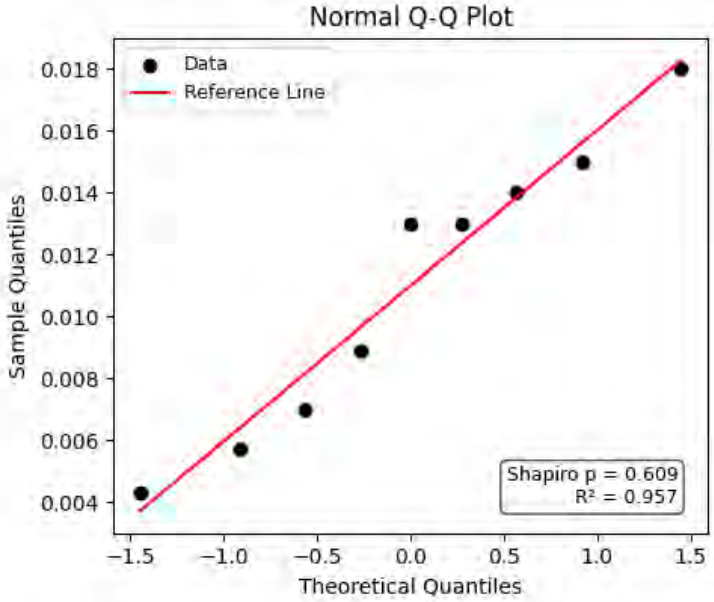
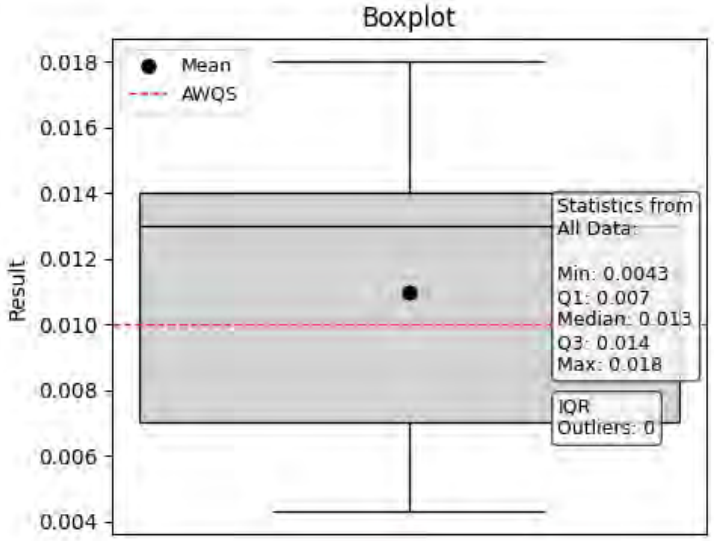
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Arsenic







⚠ **Exceeds AWQS**

Well ID: POC-07
Constituent: Arsenic
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.011
Median = 0.013
Min = 0.0043
Max = 0.018
StdDev = 0.00468
95%ile = 0.0168

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0252
UTL (log) = 0.0442
UTL (np) = 0.018

Trend = decreasing
MK p = 0.00594
MK s = -25

Rosner
Outliers = 0
CV% = 42.61

AWQS = 0.01 mg/L

Figure: 7.3

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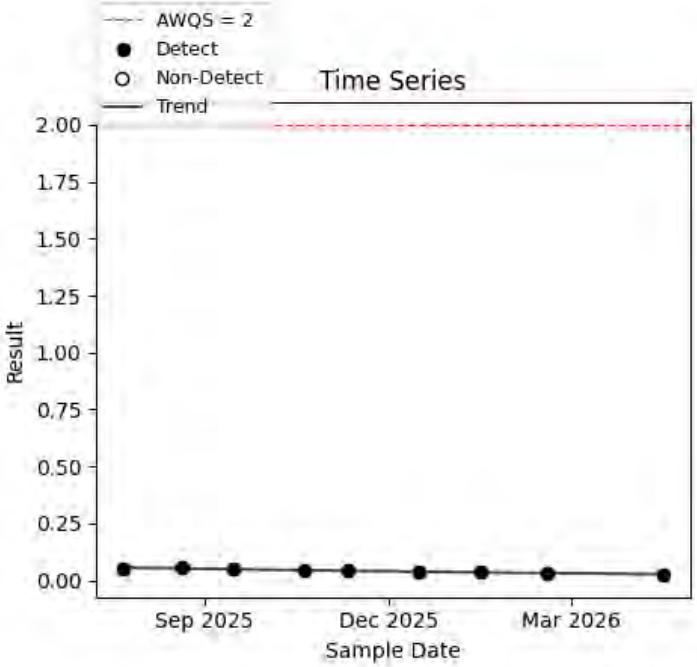
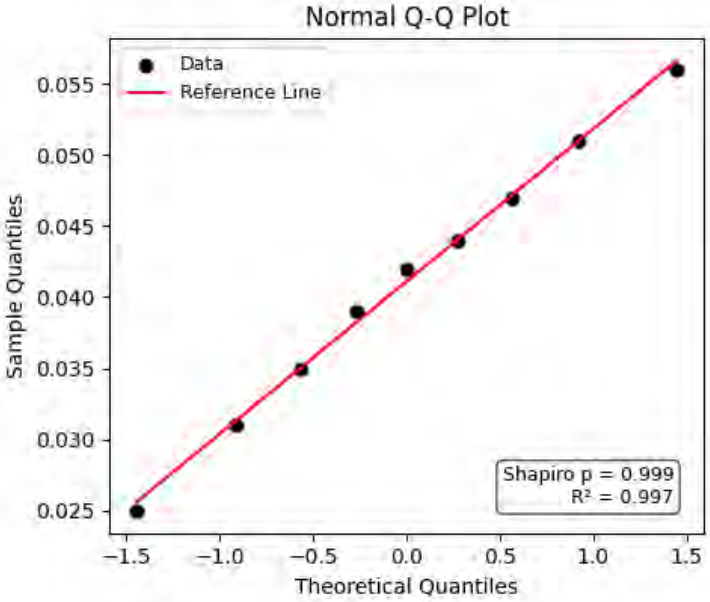
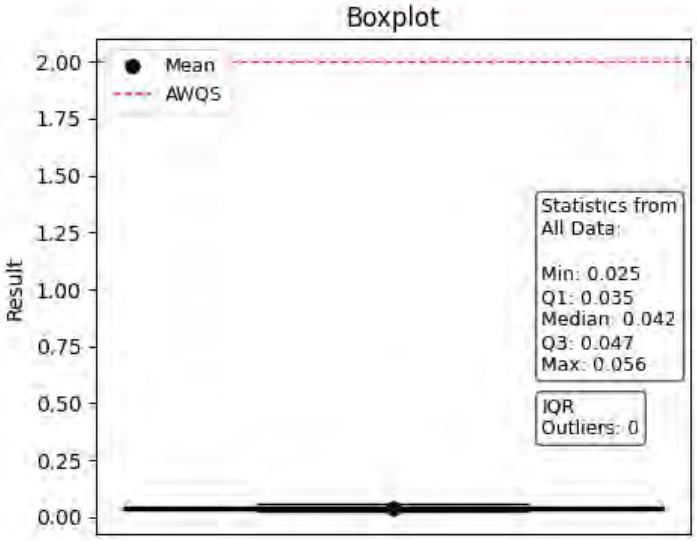
Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Barium







Well ID: POC-07
Constituent: Barium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0411
Median = 0.042
Min = 0.025
Max = 0.056
StdDev = 0.00979
95%ile = 0.054

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0708
UTL (log) = 0.0863
UTL (np) = 0.056

Trend = decreasing
MK p = 0.00029
MK s = -34

Rosner
Outliers = 0
CV% = 23.82

AWQS = 2 mg/L

Figure: 7.4

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Helvetia, AZ

Piteau Associates
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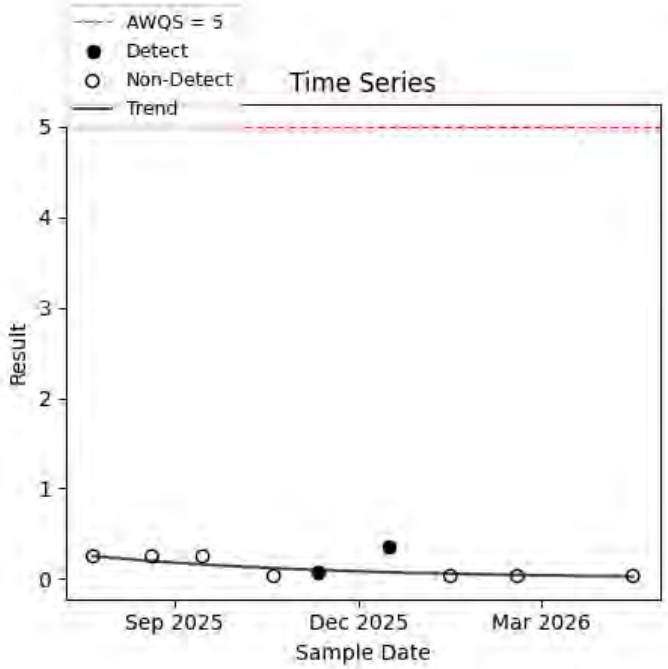
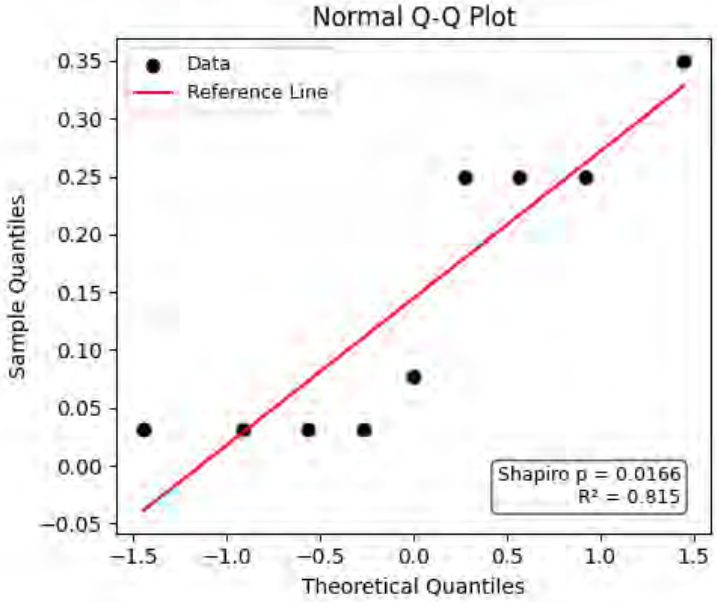
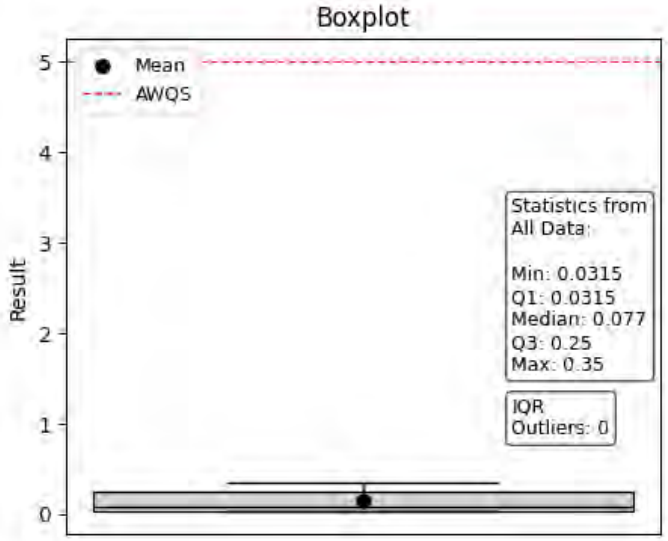
Approved: B. Giroux

POC-07 - Benzene







Well ID: POC-07
Constituent: Benzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.145
Median = 0.077
Min = 0.0315
Max = 0.35
StdDev = 0.128
95%ile = 0.31

% Non Detects = 77.8%

Distribution = Normal
UTL (norm) = 0.533
UTL (log) = 2.43
UTL (np) = 0.35

Trend = no trend
MK p = 0.0584
MK s = -15

Rosner
Outliers = 0
CV% = 88.47

AWQS = 5 ug/L

Figure: 7.5

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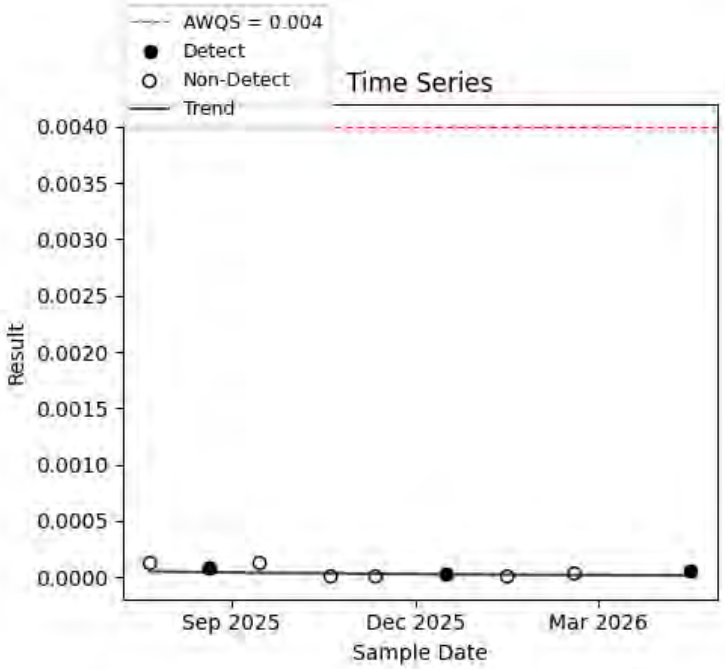
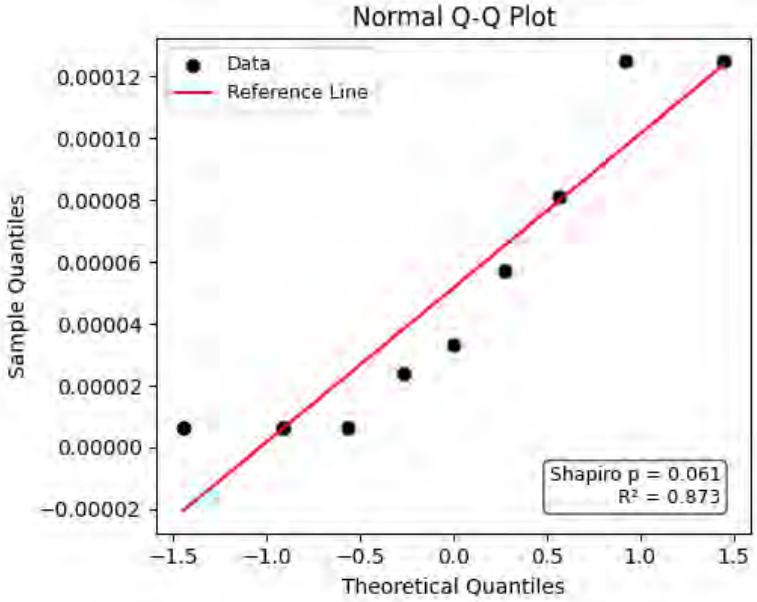
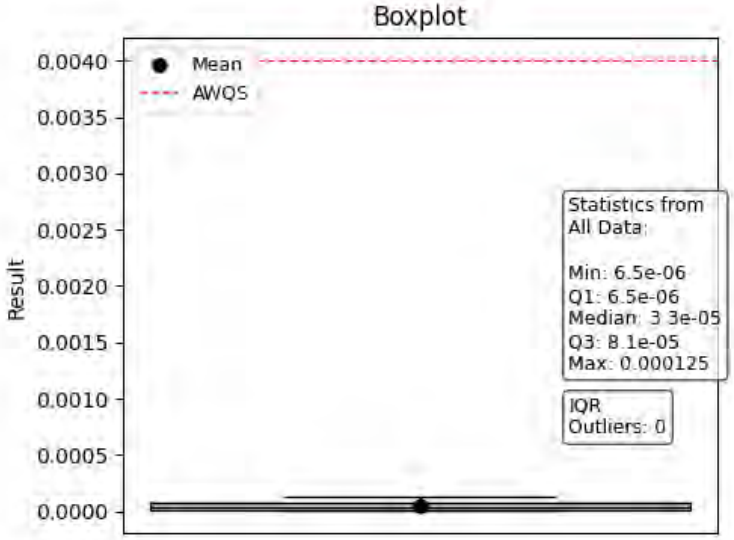
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Beryllium







Well ID: POC-07
Constituent: Beryllium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 5.16e-05
Median = 3.3e-05
Min = 6.5e-06
Max = 0.000125
StdDev = 4.86e-05
95%ile = 0.000125

% Non Detects = 66.7%

Distribution = Normal
UTL (norm) = 0.000199
UTL (log) = 0.0013
UTL (np) = 0.000125

Trend = no trend
MK p = 0.227
MK s = -8

Rosner
Outliers = 0
CV% = 94.12

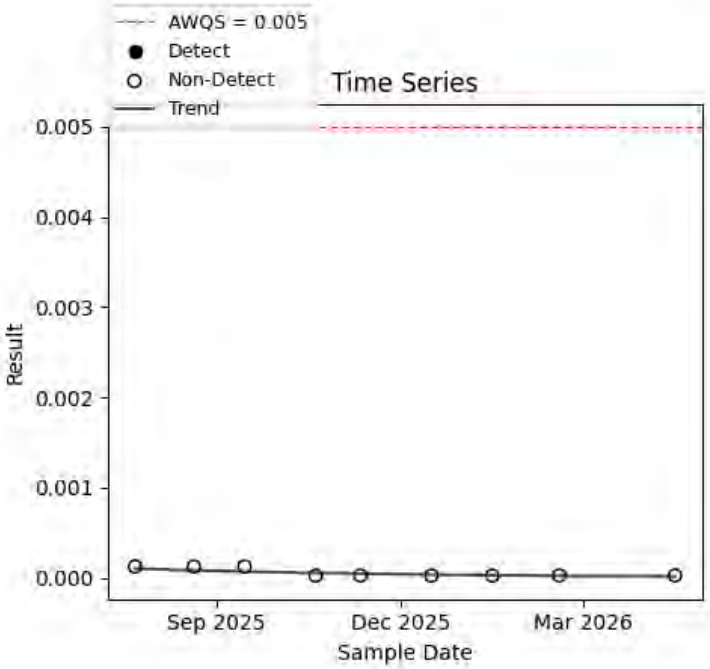
AWQS = 0.004 mg/L

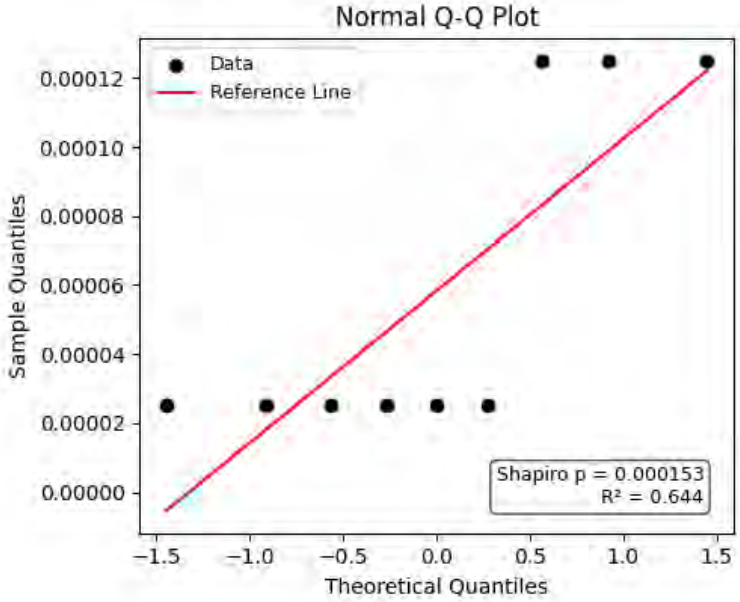
Figure: 7.6

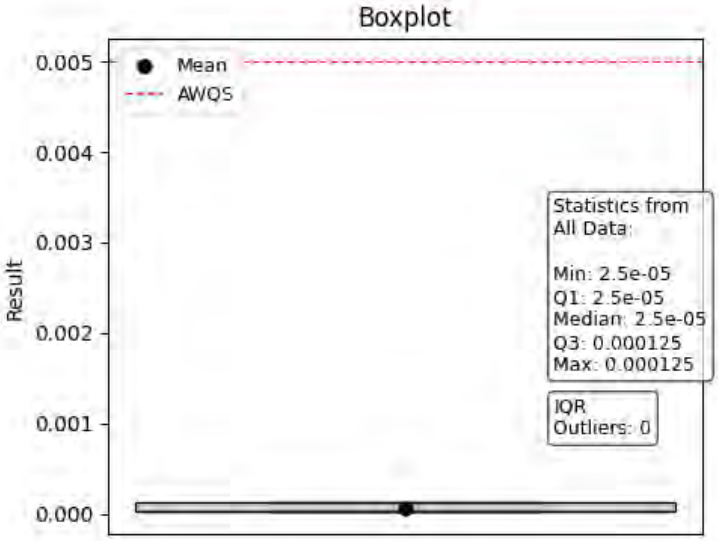
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Cadmium







Well ID: POC-07
Constituent: Cadmium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 5.83e-05
Median = 2.5e-05
Min = 2.5e-05
Max = 0.000125
StdDev = 5e-05
95%ile = 0.000125

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.00021
UTL (log) = 0.00049
UTL (np) = 0.000125

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 85.71

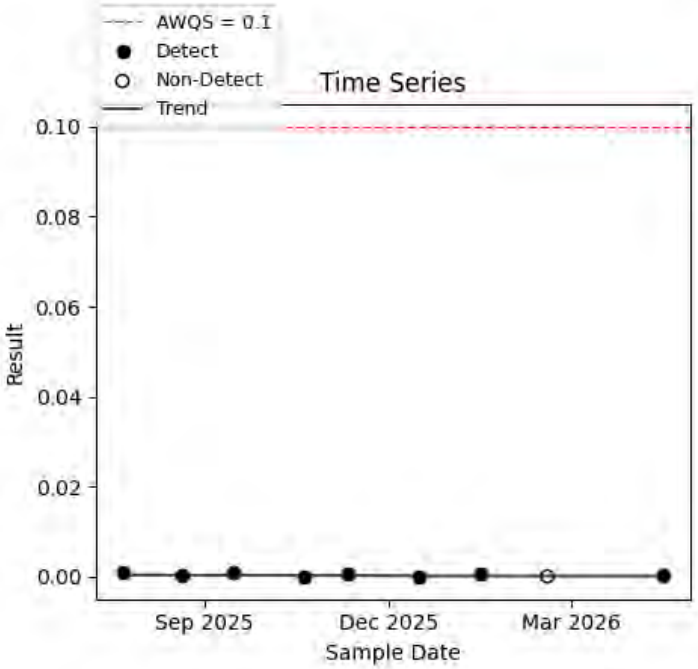
AWQS = 0.005 mg/L

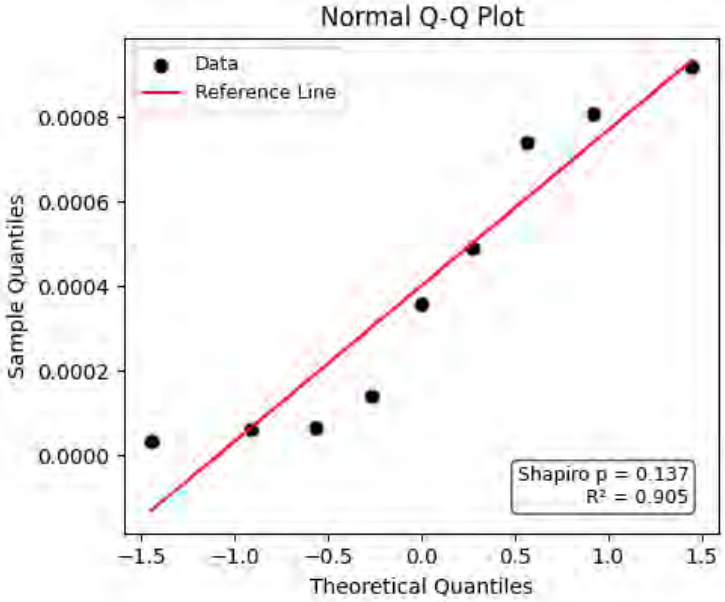
Figure: 7.7

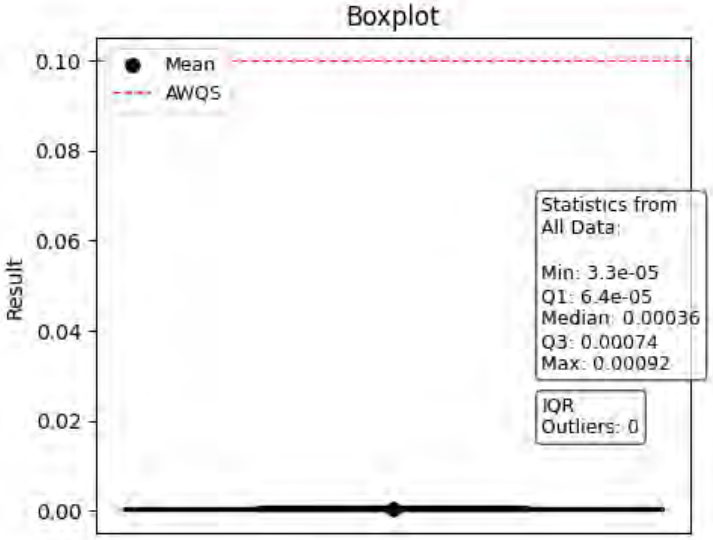
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Chromium







Well ID: POC-07
Constituent: Chromium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000402
Median = 0.00036
Min = 3.3e-05
Max = 0.00092
StdDev = 0.000353
95%ile = 0.000876

% Non Detects = 11.1%

Distribution = Normal
UTL (norm) = 0.00147
UTL (log) = 0.0111
UTL (np) = 0.00092

Trend = no trend
MK p = 0.126
MK s = -12

Rosner
Outliers = 0
CV% = 87.73

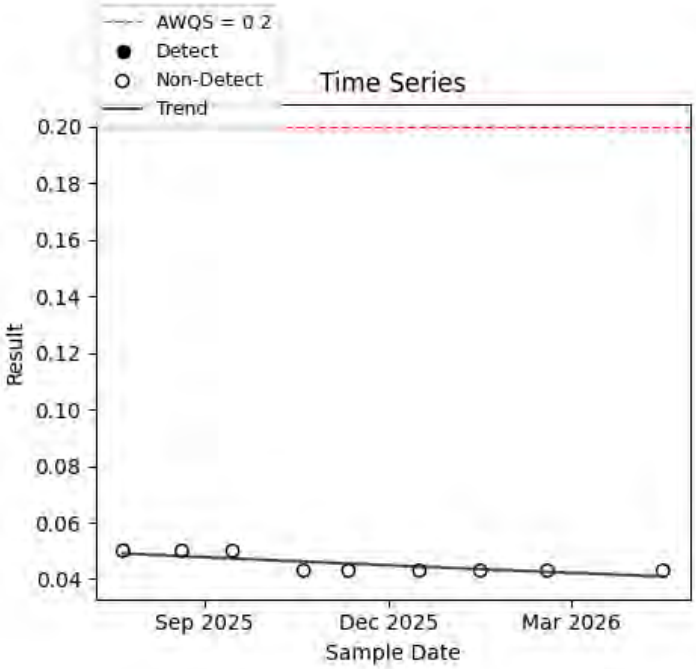
AWQS = 0.1 mg/L

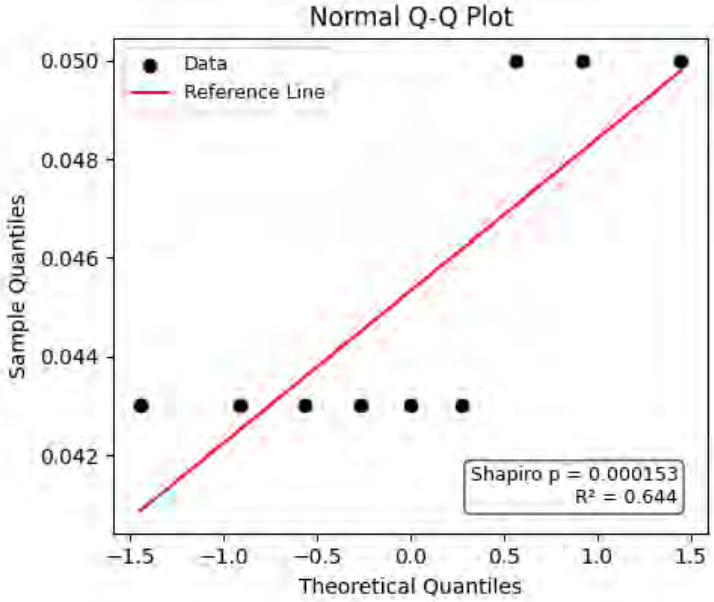
Figure: 7.8

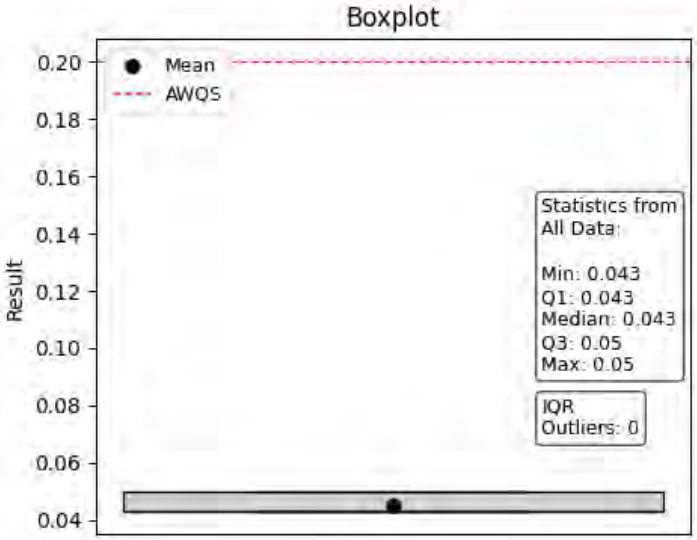
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Cyanide







Well ID: POC-07
Constituent: Cyanide
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0453
Median = 0.043
Min = 0.043
Max = 0.05
StdDev = 0.0035
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0559
UTL (log) = 0.0568
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 7.72

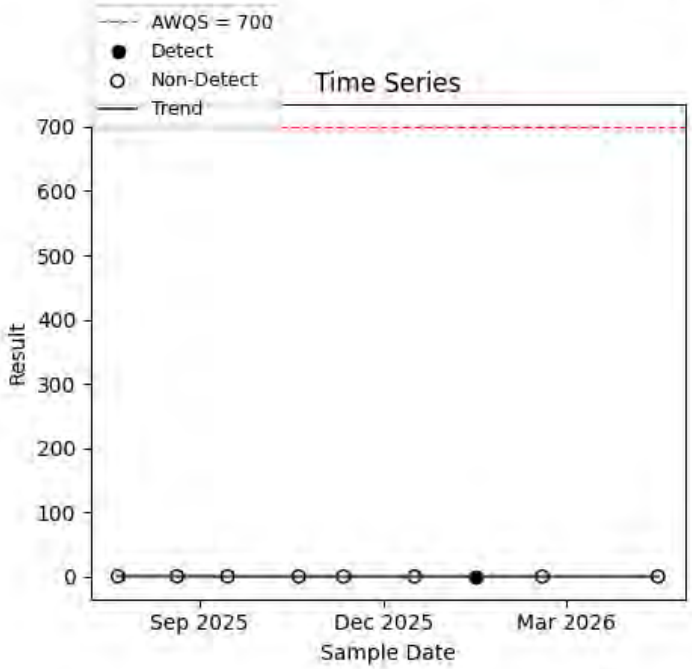
AWQS = 0.2 mg/L

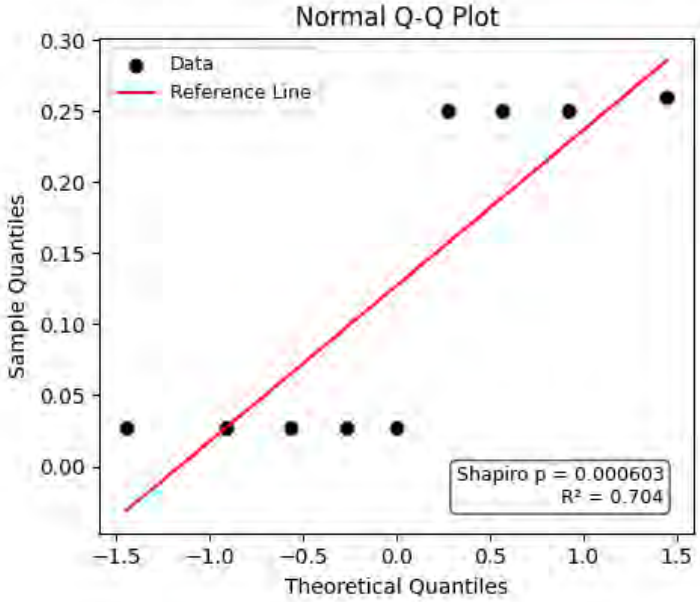
Figure: 7.9

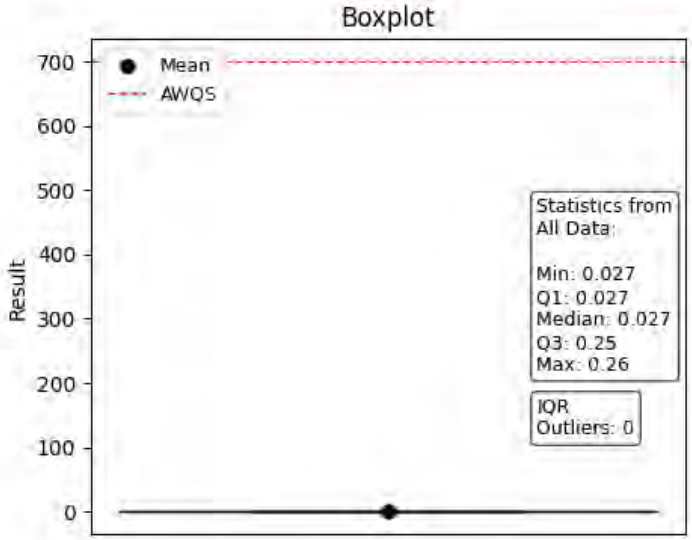
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Ethylbenzene







Well ID: POC-07
Constituent: Ethylbenzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.127
Median = 0.027
Min = 0.027
Max = 0.26
StdDev = 0.119
95%ile = 0.256

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.488
UTL (log) = 2.59
UTL (np) = 0.26

Trend = no trend
MK p = 0.119
MK s = -11

Rosner
Outliers = 0
CV% = 93.45

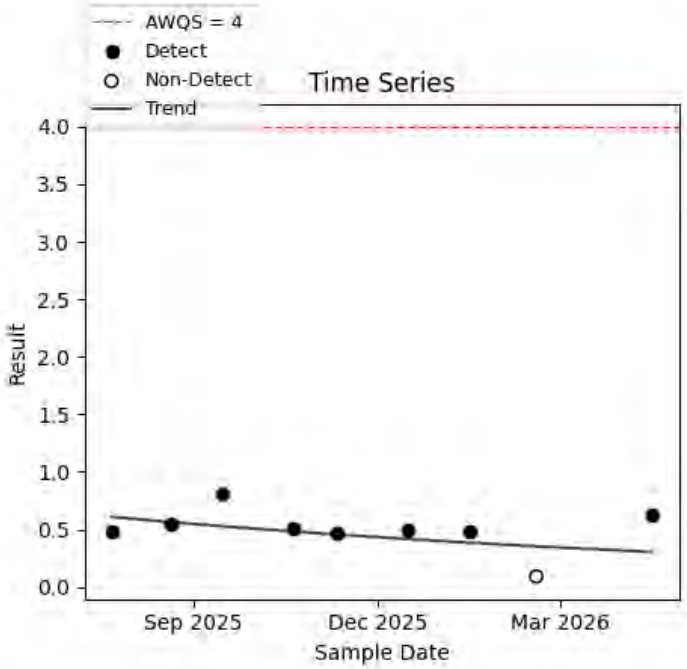
AWQS = 700 ug/L

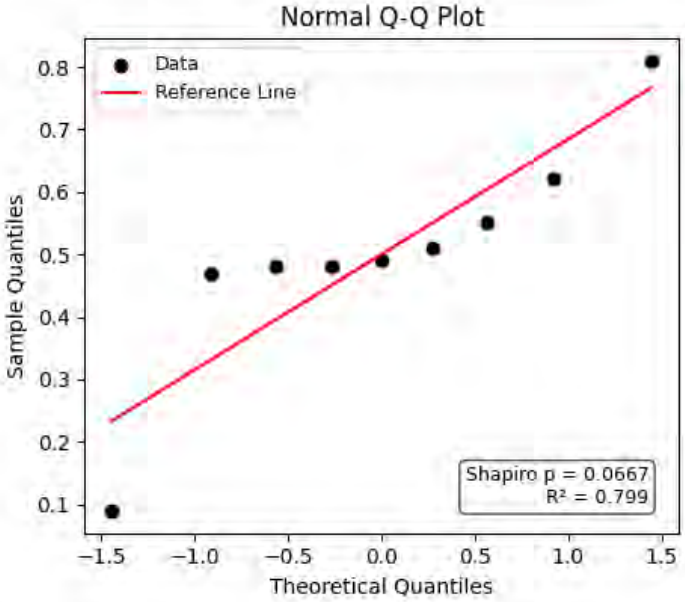
Figure: 7.10

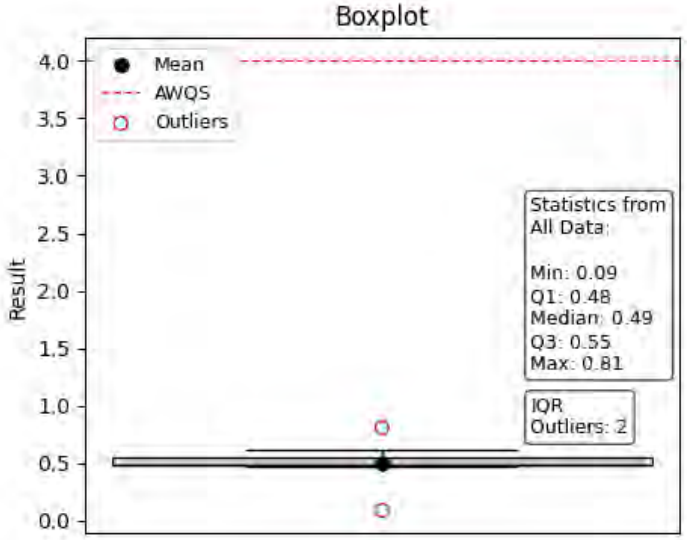
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Fluoride







Well ID: POC-07
Constituent: Fluoride
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.5
Median = 0.49
Min = 0.09
Max = 0.81
StdDev = 0.188
95%ile = 0.734

% Non Detects = 11.1%

Distribution = Normal
UTL (norm) = 1.07
UTL (log) = 2.94
UTL (np) = 0.81

Trend = no trend
MK p = 0.265
MK s = -7

Rosner
Outliers = 0
CV% = 37.62

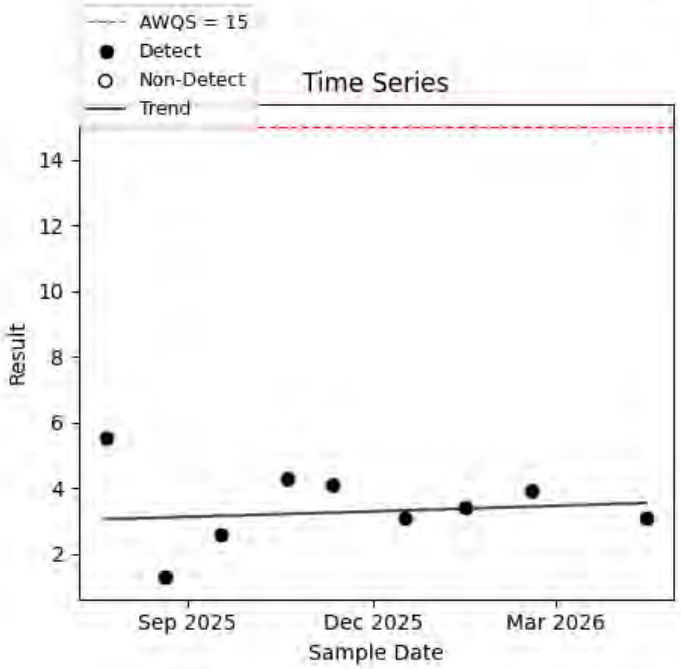
AWQS = 4 mg/L

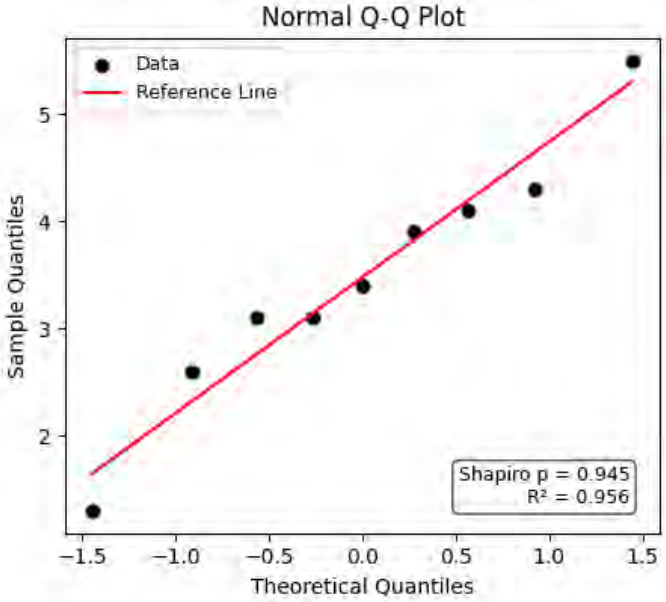
Figure: 7.11

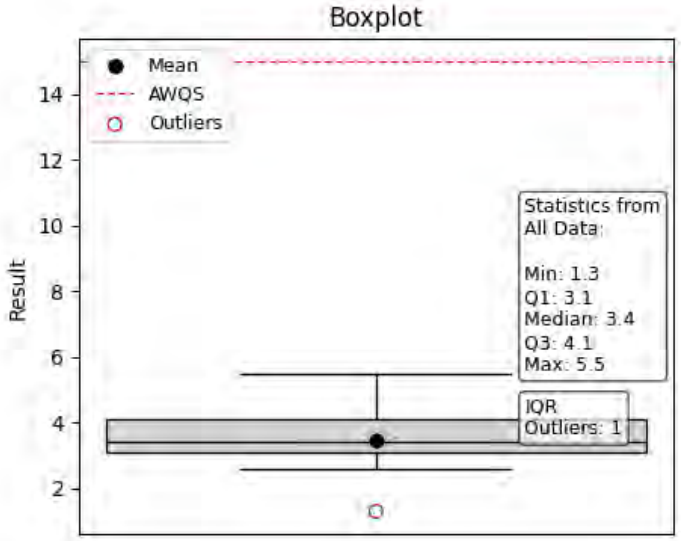
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Gross Alpha Activity







Well ID: POC-07
Constituent: Gross Alpha Activity
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 3.48
Median = 3.4
Min = 1.3
Max = 5.5
StdDev = 1.18
95%ile = 5.02

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 7.05
UTL (log) = 11.3
UTL (np) = 5.5

Trend = no trend
MK p = 0.417
MK s = -3

Rosner
Outliers = 0
CV% = 33.92

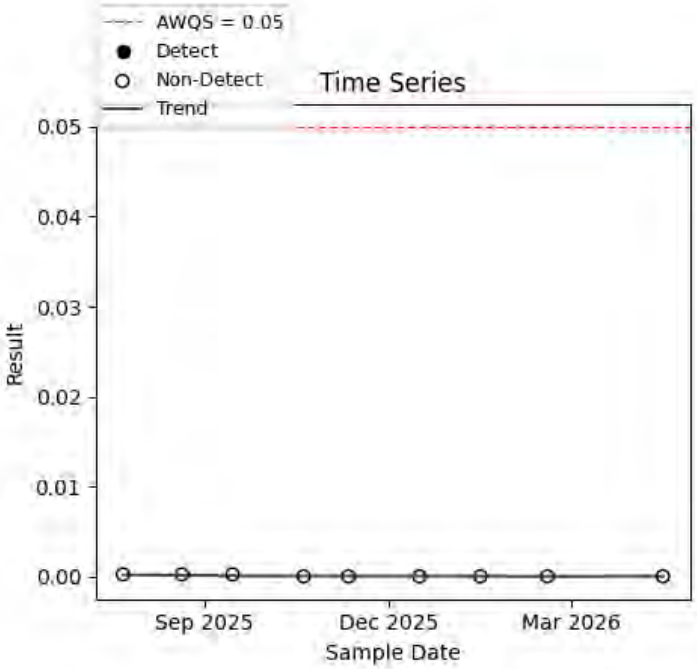
AWQS = 15 pCi/L

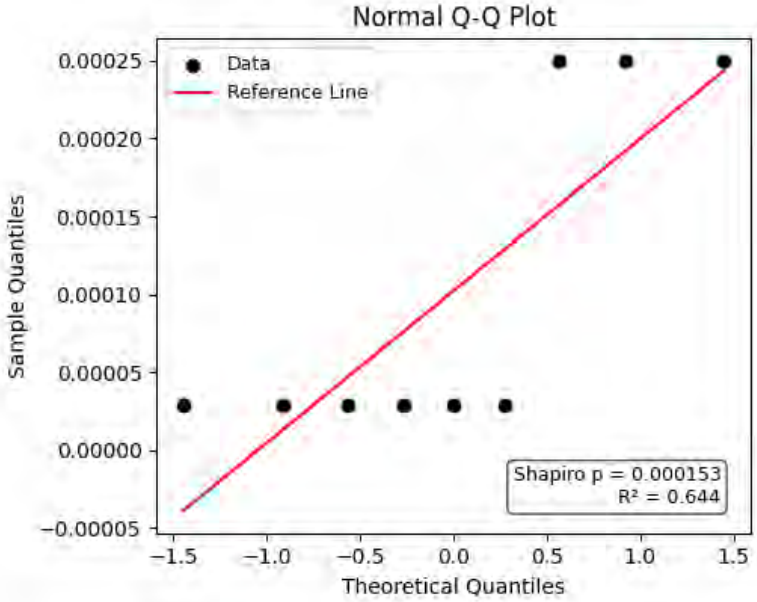
Figure: 7.12

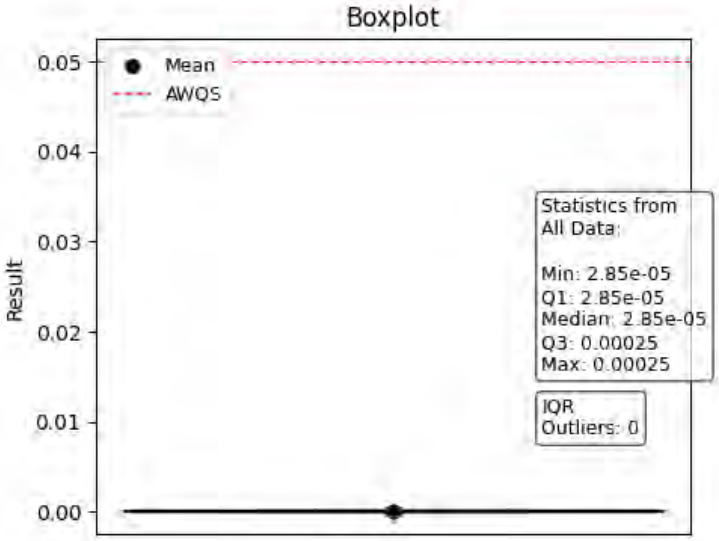
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Lead







Well ID: POC-07
Constituent: Lead
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000102
Median = 2.85e-05
Min = 2.85e-05
Max = 0.00025
StdDev = 0.000111
95%ile = 0.00025

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.000438
UTL (log) = 0.00158
UTL (np) = 0.00025

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 108.22

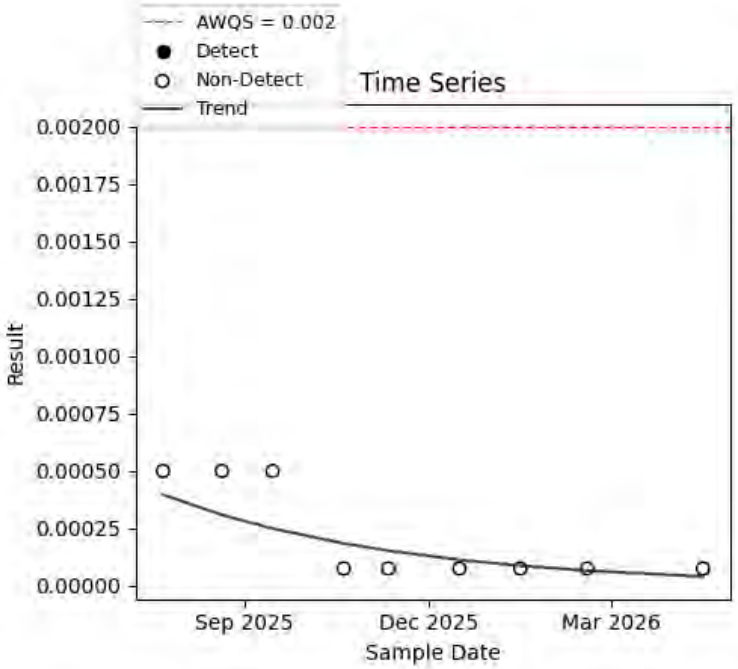
AWQS = 0.05 mg/L

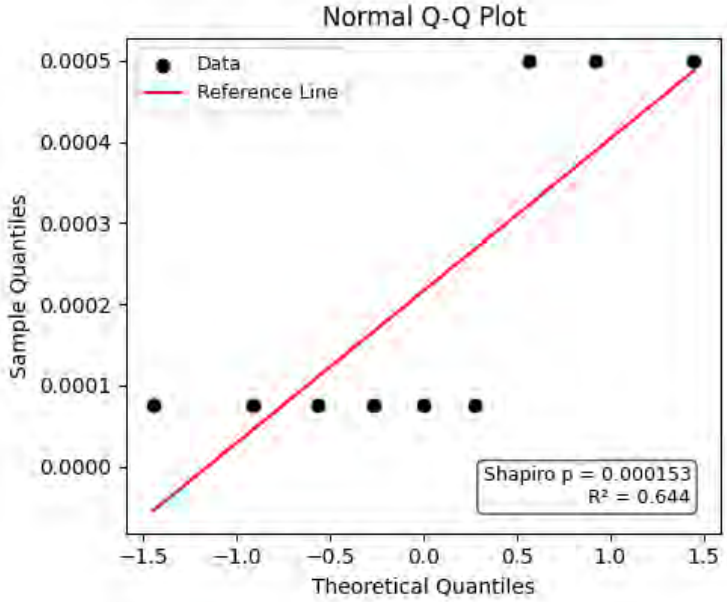
Figure: 7.13

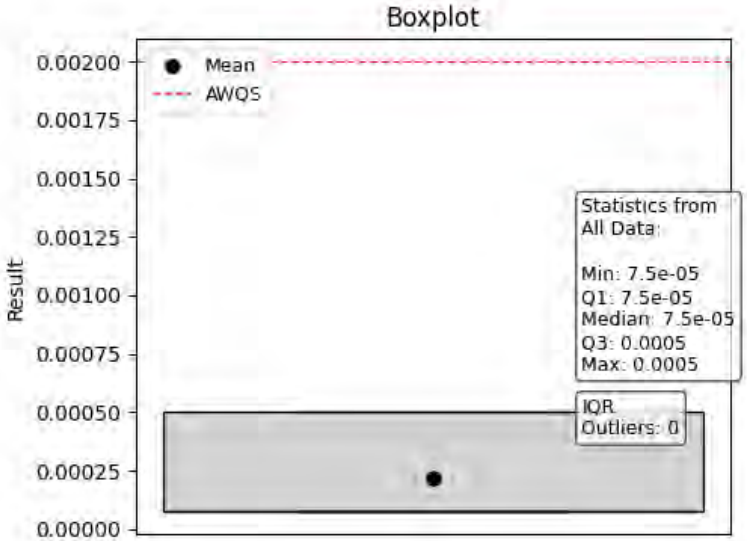
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Mercury







Well ID: POC-07
Constituent: Mercury
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000217
Median = 7.5e-05
Min = 7.5e-05
Max = 0.0005
StdDev = 0.000213
95%ile = 0.0005

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.000861
UTL (log) = 0.0025
UTL (np) = 0.0005

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 98.08

AWQS = 0.002 mg/L

Figure: 7.14

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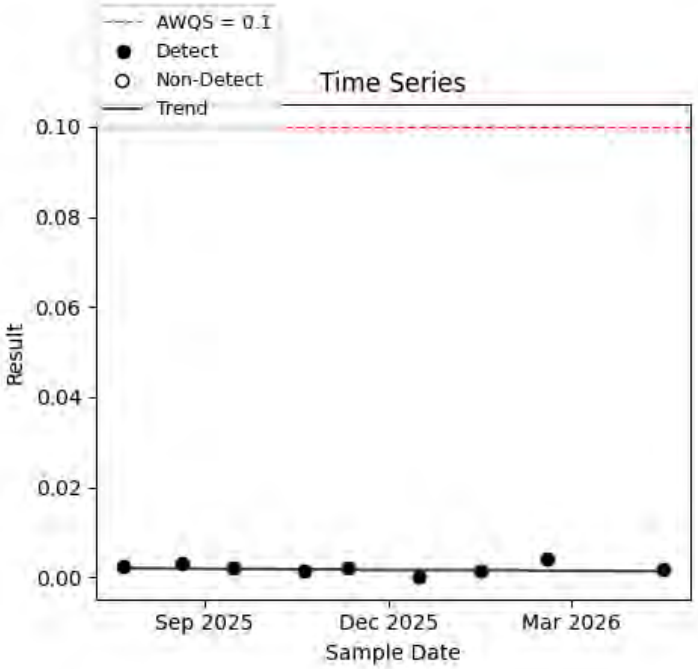
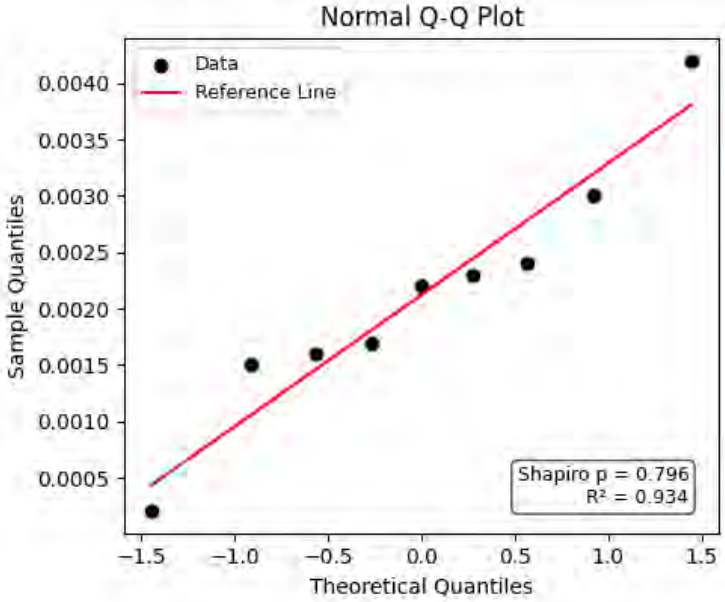
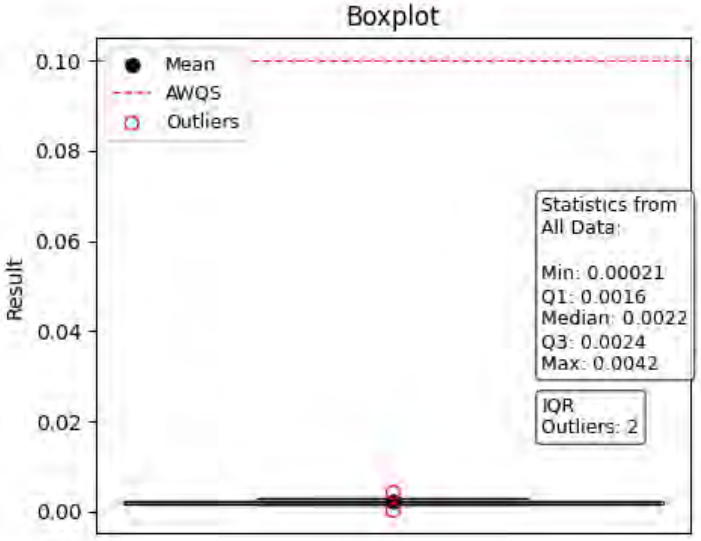
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Nickel







Well ID: POC-07
Constituent: Nickel
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00212
Median = 0.0022
Min = 0.00021
Max = 0.0042
StdDev = 0.0011
95%ile = 0.00372

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00546
UTL (log) = 0.0228
UTL (np) = 0.0042

Trend = no trend
MK p = 0.233
MK s = -8

Rosner
Outliers = 0
CV% = 51.85

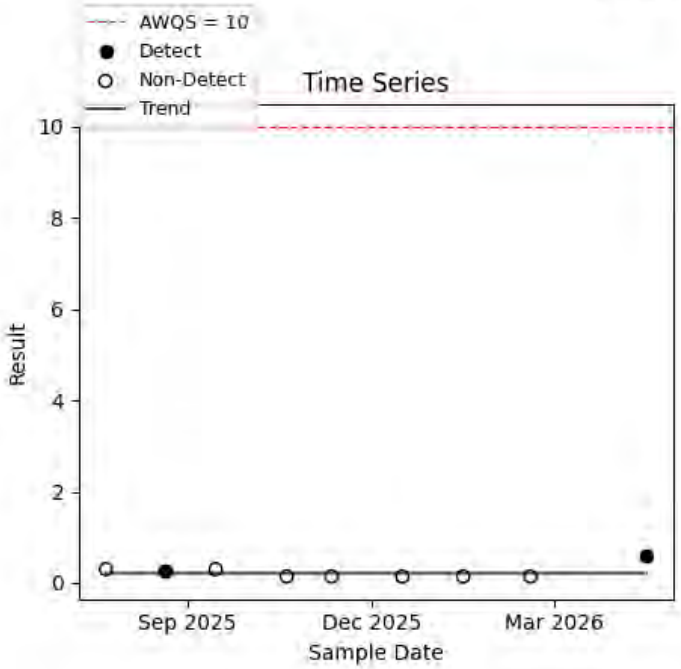
AWQS = 0.1 mg/L

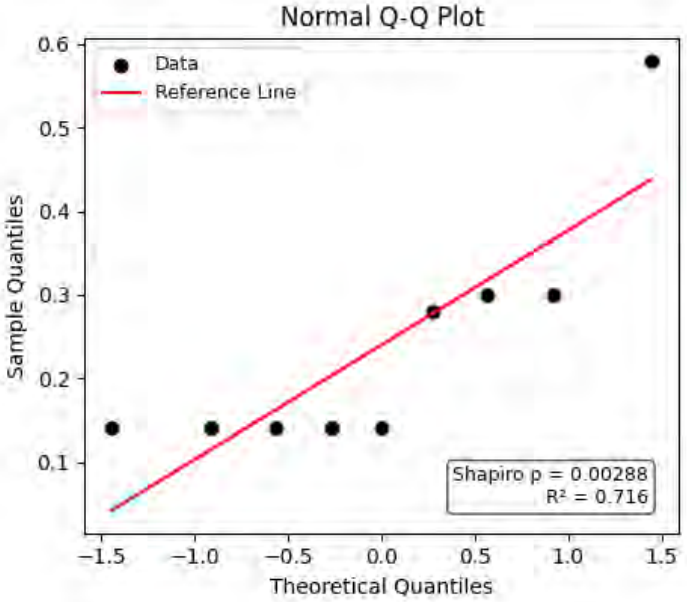
Figure: 7.15

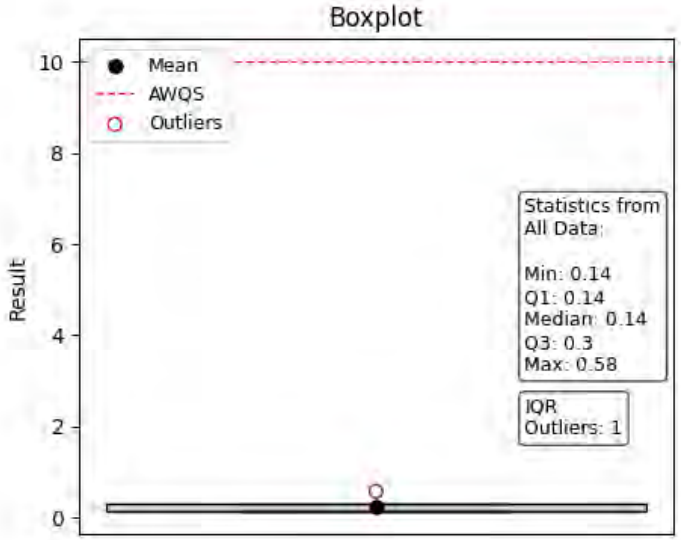
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Nitrate and Nitrite Sum







Well ID: POC-07
Constituent: Nitrate and Nitrite Sum
Units: nan
N = 9

Detect Only Stats:
Mean = 0.24
Median = 0.14
Min = 0.14
Max = 0.58
StdDev = 0.148
95%ile = 0.468

% Non Detects = 77.8%

Distribution = Log-Normal
UTL (norm) = 0.688
UTL (log) = 1.02
UTL (np) = 0.58

Trend = no trend
MK p = 0.243
MK s = -7

Rosner
Outliers = 1
CV% = 61.52

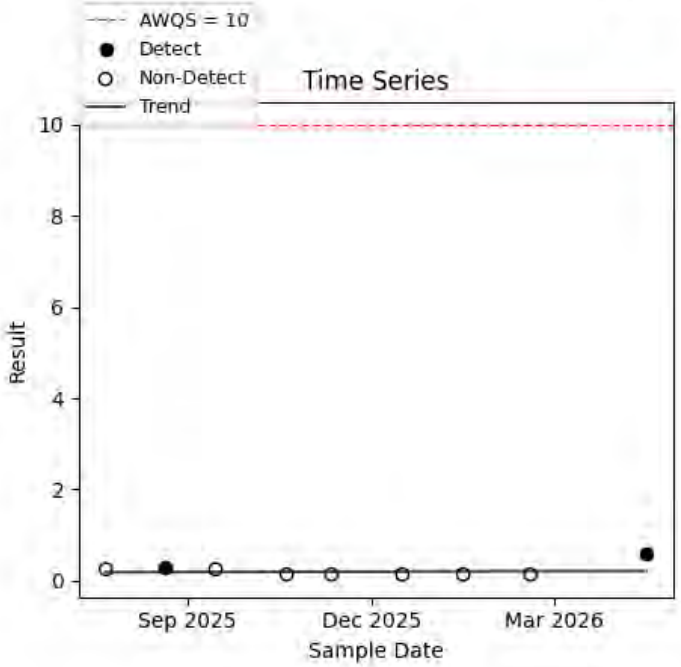
AWQS = 10 nan

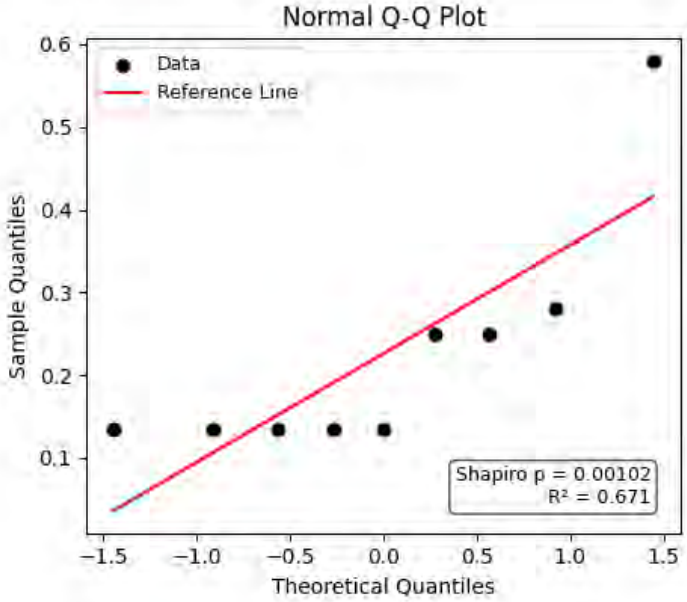
Figure: 7.16

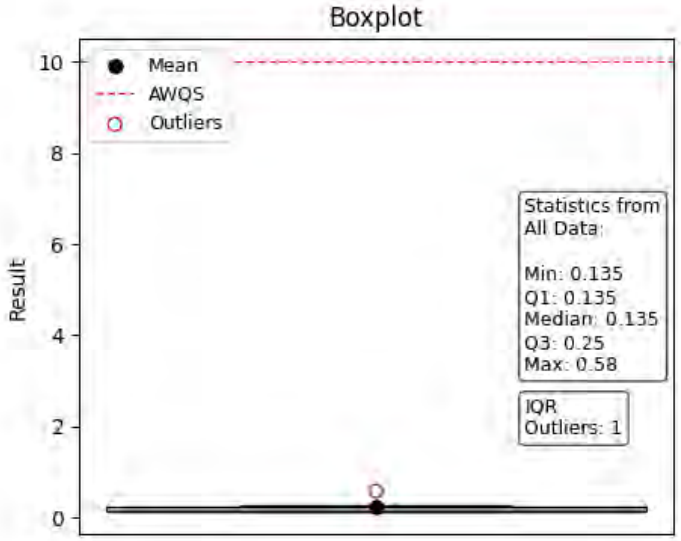
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Nitrogen, Nitrate (As N)







Well ID: POC-07
Constituent: Nitrogen, Nitrate (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.226
Median = 0.135
Min = 0.135
Max = 0.58
StdDev = 0.146
95%ile = 0.46

% Non Detects = 77.8%

Distribution = Log-Normal
UTL (norm) = 0.669
UTL (log) = 0.939
UTL (np) = 0.58

Trend = no trend
MK p = 0.243
MK s = -7

Rosner
Outliers = 1
CV% = 64.62

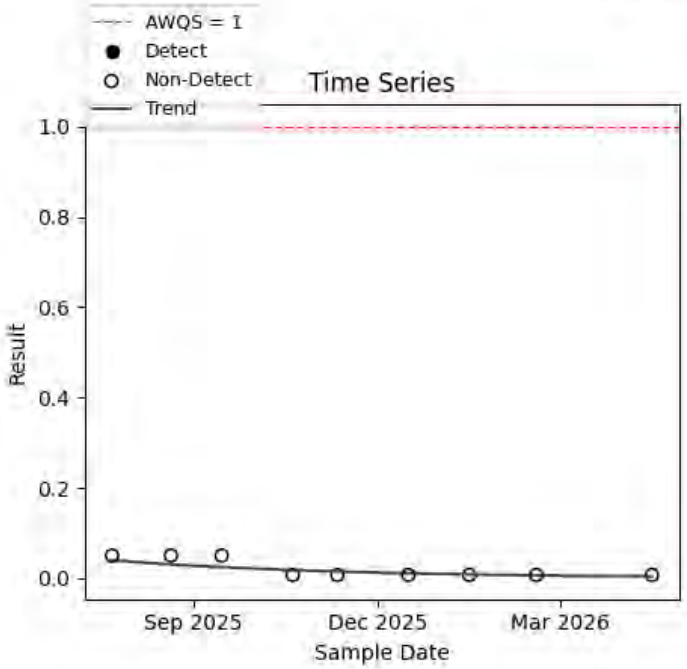
AWQS = 10 mg/L

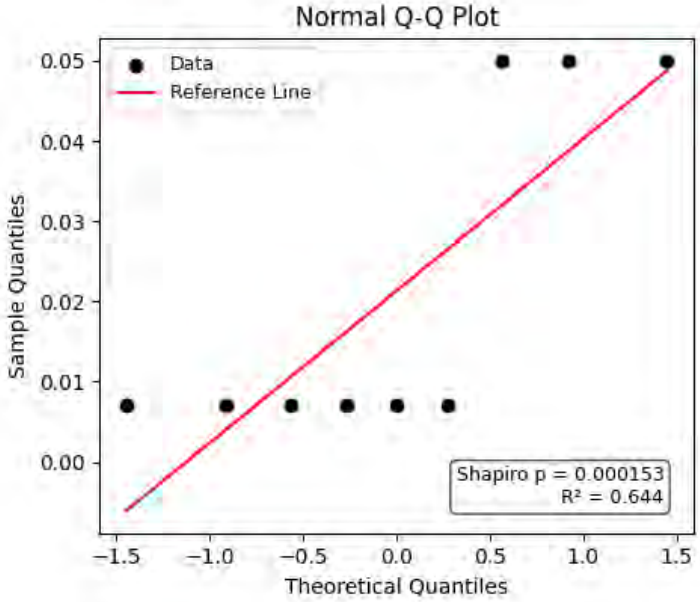
Figure: 7.17

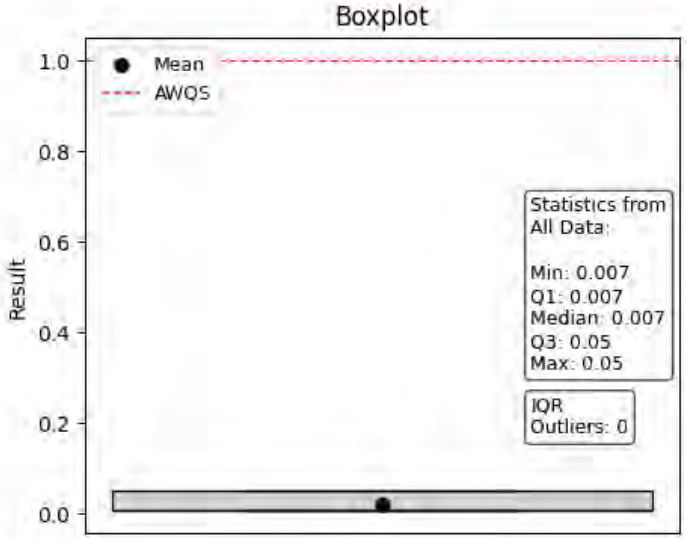
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Nitrogen, Nitrite (As N)







Well ID: POC-07
Constituent: Nitrogen, Nitrite (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0213
Median = 0.007
Min = 0.007
Max = 0.05
StdDev = 0.0215
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0865
UTL (log) = 0.265
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 100.78

AWQS = 1 mg/L

Figure: 7.18

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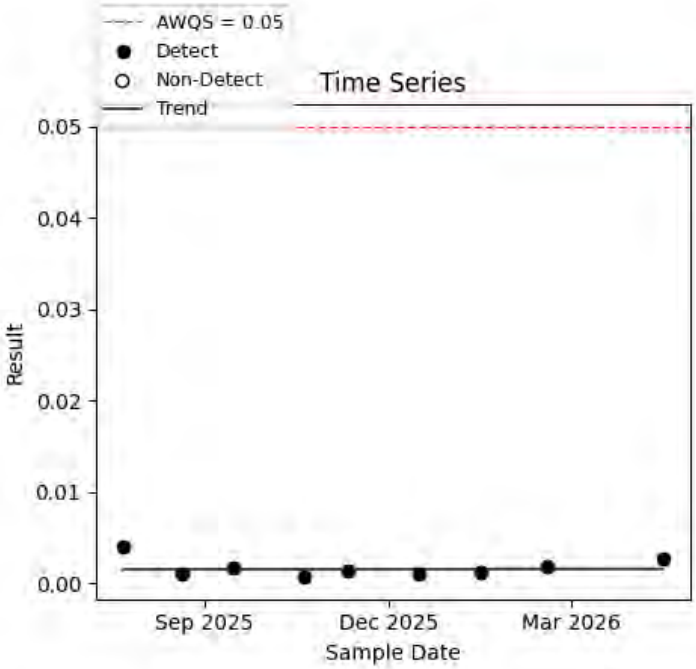
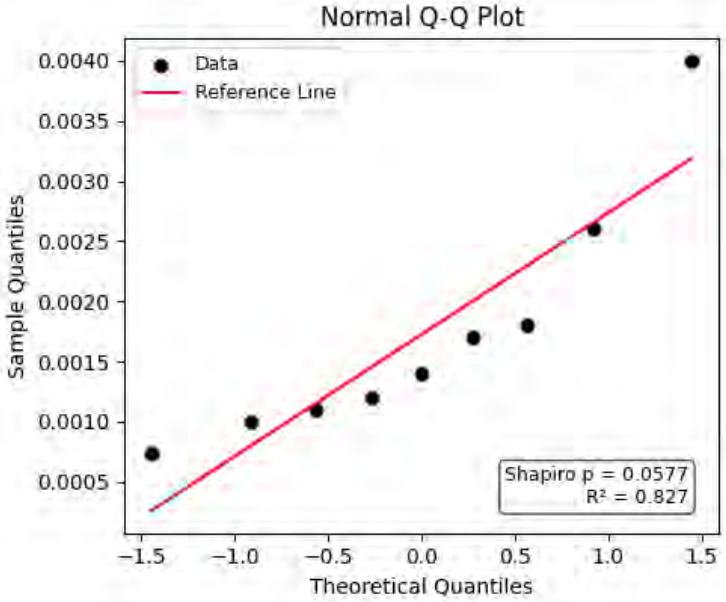
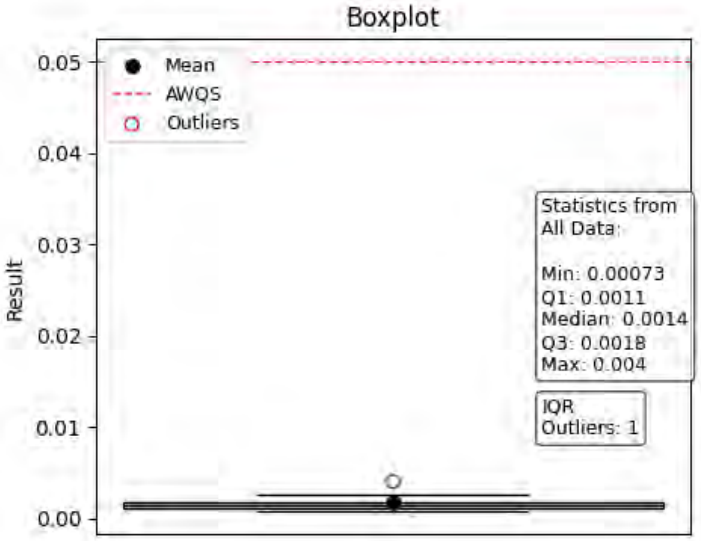
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Selenium







Well ID: POC-07
Constituent: Selenium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00173
Median = 0.0014
Min = 0.00073
Max = 0.004
StdDev = 0.00101
95%ile = 0.00344

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0048
UTL (log) = 0.0073
UTL (np) = 0.004

Trend = no trend
MK p = 0.301
MK s = 6

Rosner
Outliers = 1
CV% = 58.80

AWQS = 0.05 mg/L

Figure: 7.19

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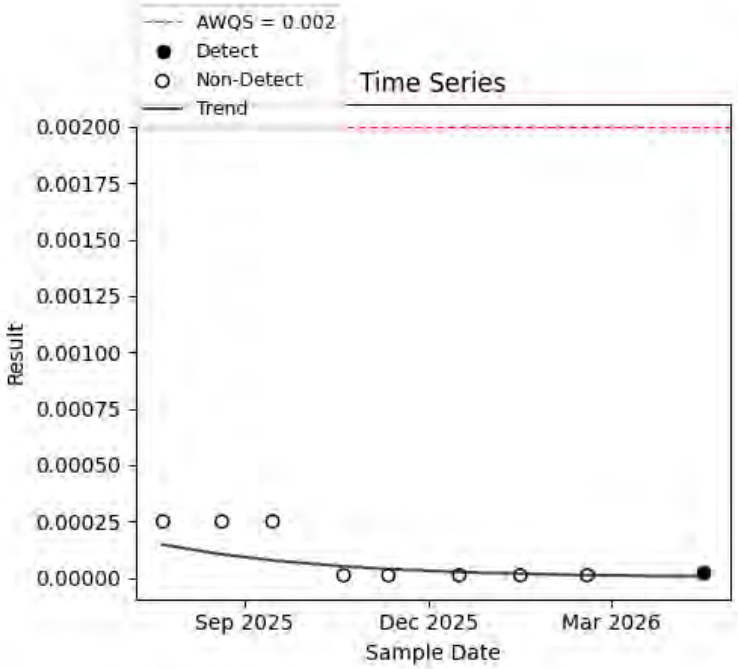
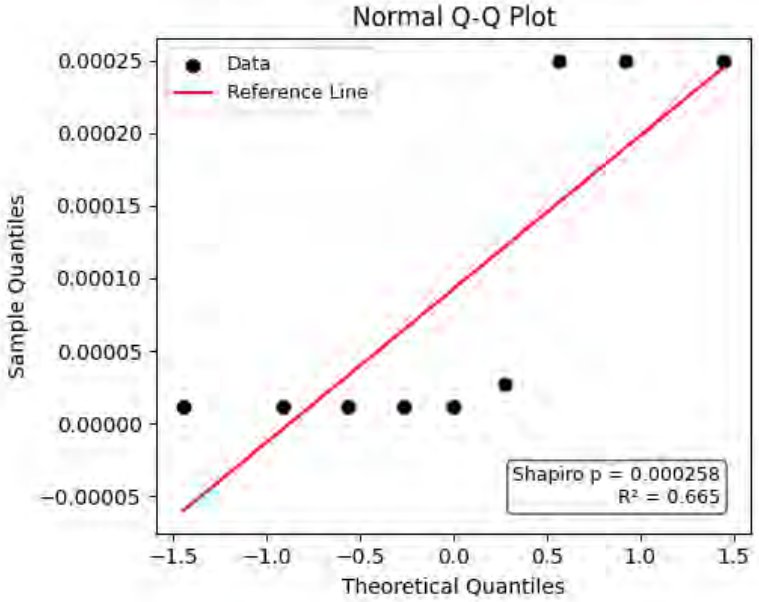
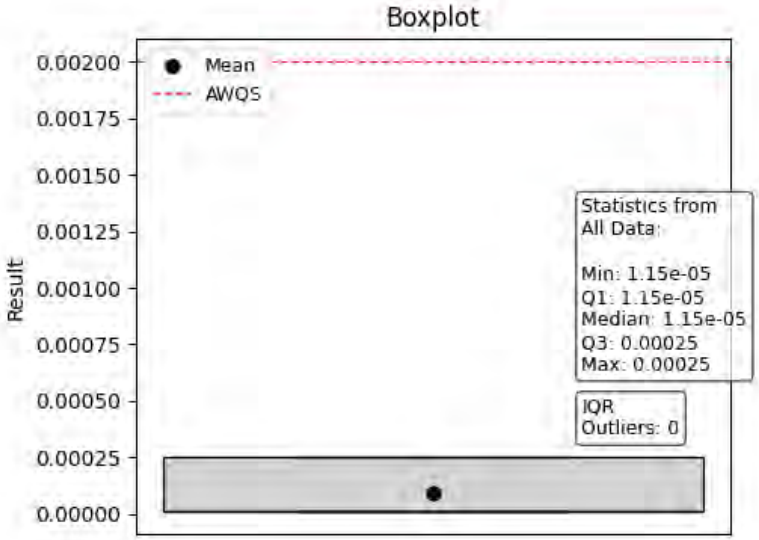
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-07 - Thallium







Well ID: POC-07
Constituent: Thallium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 9.27e-05
Median = 1.15e-05
Min = 1.15e-05
Max = 0.00025
StdDev = 0.000118
95%ile = 0.00025

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.000451
UTL (log) = 0.00327
UTL (np) = 0.00025

Trend = no trend
MK p = 0.0782
MK s = -13

Rosner
Outliers = 0
CV% = 127.33

AWQS = 0.002 mg/L

Figure: 7.20

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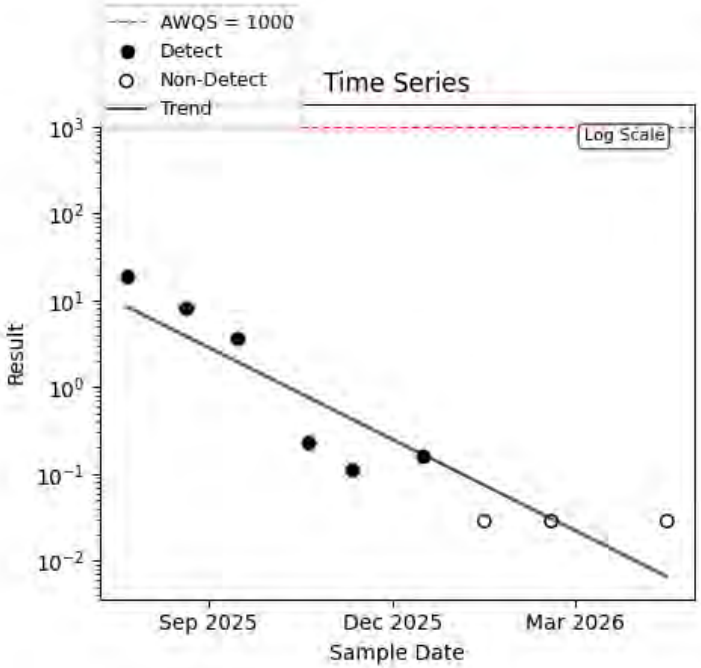
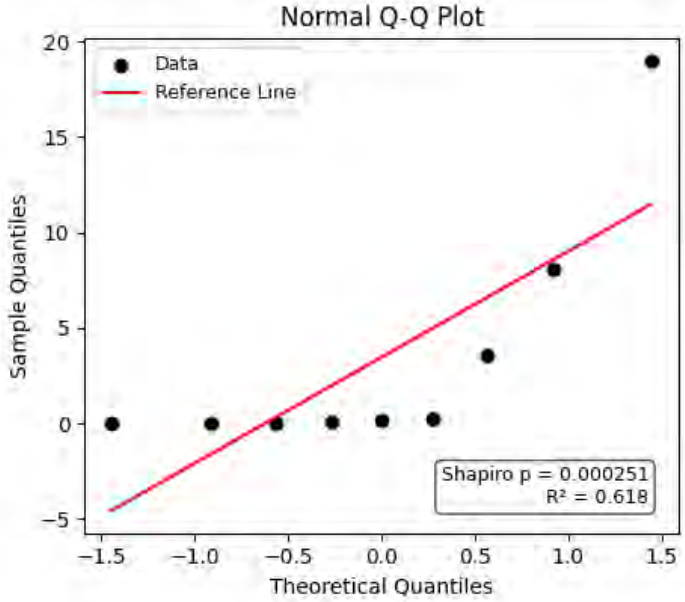
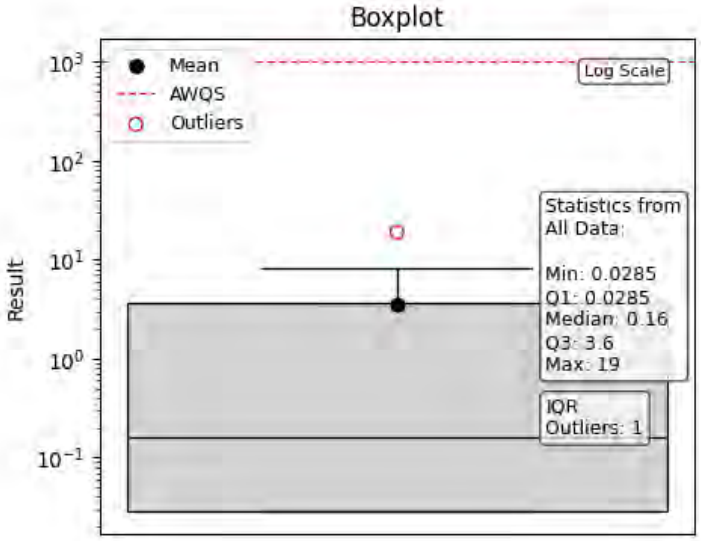
POC-07 - Toluene







Well ID: POC-07
Constituent: Toluene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 3.48
Median = 0.16
Min = 0.0285
Max = 19
StdDev = 6.43
95%ile = 14.6

% Non Detects = 33.3%

Distribution = Log-Normal
UTL (norm) = 23
UTL (log) = 772
UTL (np) = 19

Trend = decreasing
MK p = 0.000707
MK s = -31

Rosner
Outliers = 1
CV% = 185.02

AWQS = 1e+03 ug/L

Figure: 7.21

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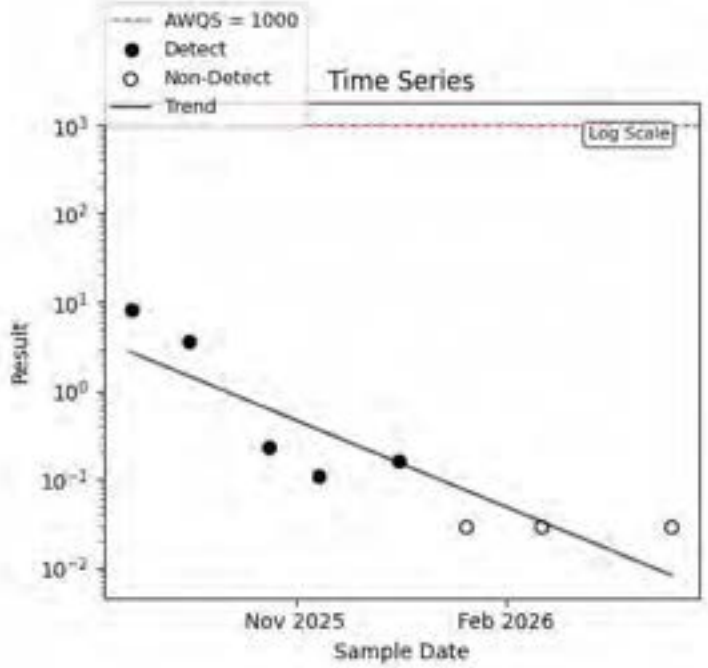
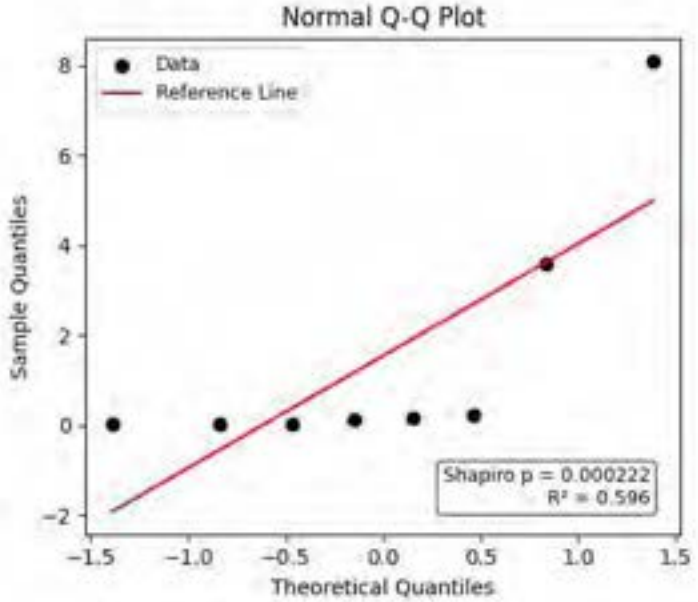
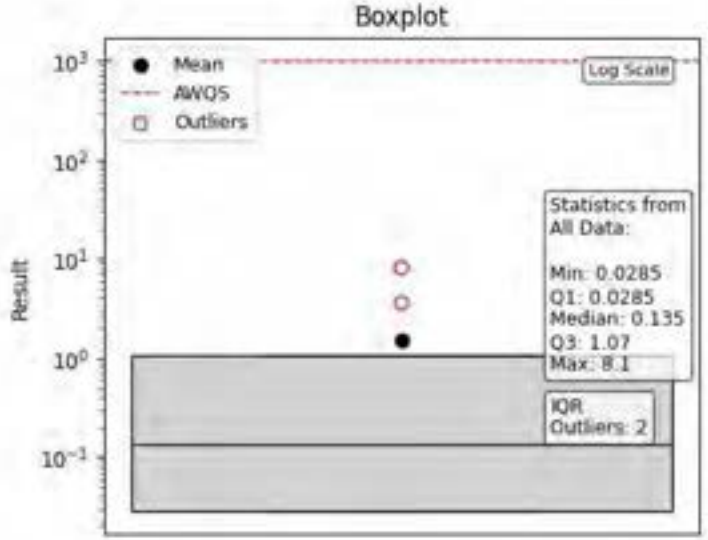
Approved: B. Giroux

POC-07 - Toluene







Well ID: POC-07
Constituent: Toluene
Units: ug/L
N = 8

Detect Only Stats:
Mean = 1.54
Median = 0.135
Min = 0.0285
Max = 8.1
StdDev = 2.92
95%ile = 6.52

% Non Detects = 37.5%

Distribution = Log-Normal
UTL (norm) = 10.9
UTL (log) = 223
UTL (np) = 8.1

Trend = decreasing
MK p = 0.00254
MK s = -23

Rosner
Outliers = 1
CV% = 190.32

AWQS = 1e+03 ug/L

Figure: 7.21B

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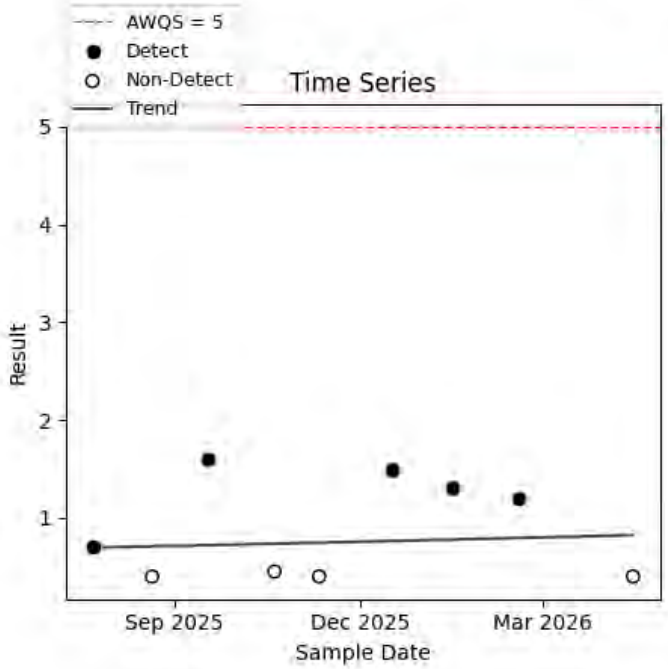
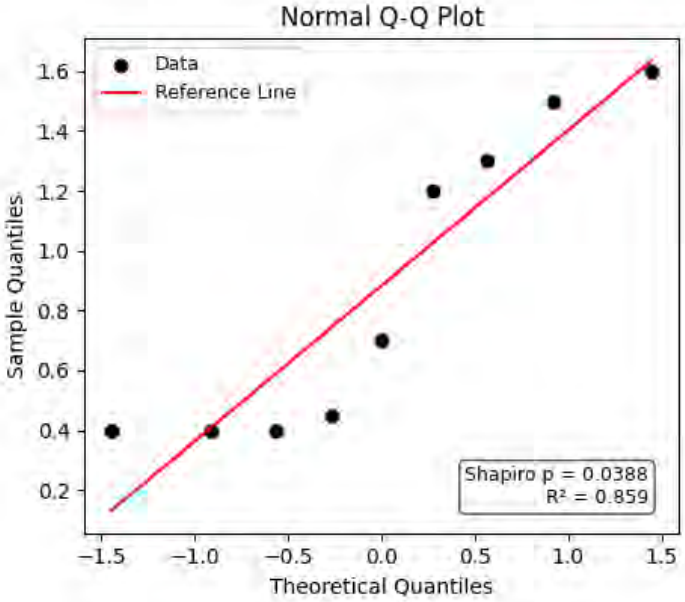
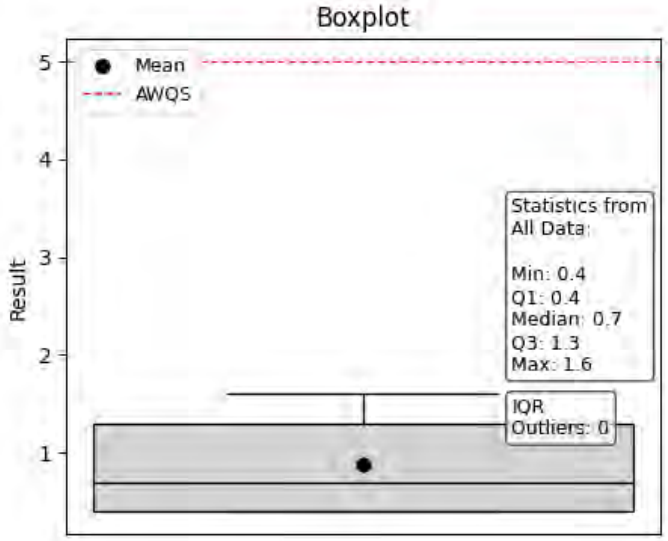
Approved: B. Giroux

POC-07 - Total Radium







Well ID: POC-07
Constituent: Total Radium
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 0.883
Median = 0.7
Min = 0.4
Max = 1.6
StdDev = 0.511
95%ile = 1.56

% Non Detects = 44.4%

Distribution = Normal
UTL (norm) = 2.43
UTL (log) = 4.85
UTL (np) = 1.6

Trend = no trend
MK p = 0.416
MK s = -3

Rosner
Outliers = 0
CV% = 57.86

AWQS = 5 pCi/L

Figure: 7.22

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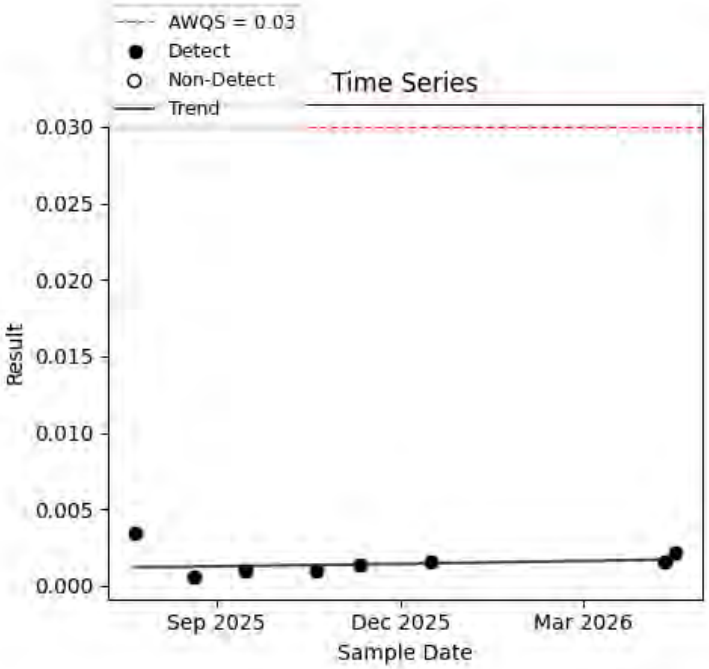
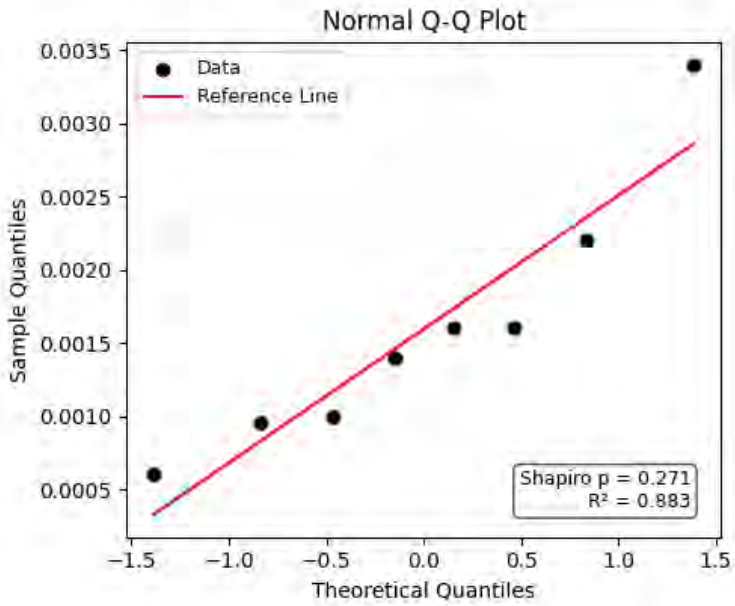
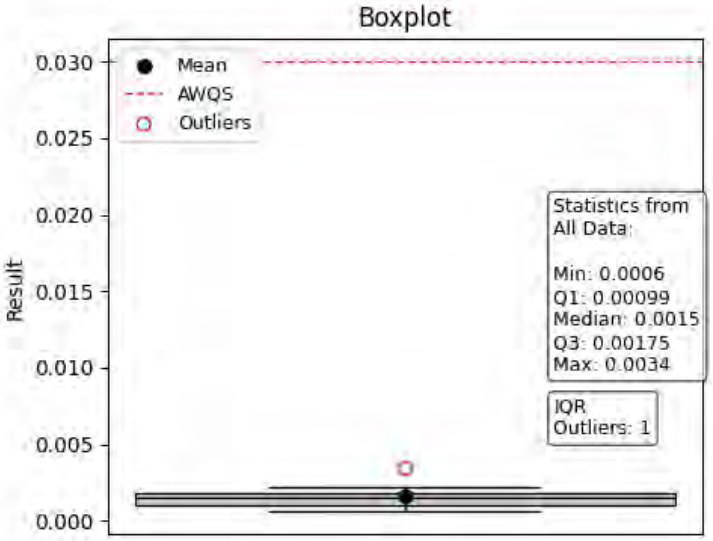
Approved: B. Giroux

POC-07 - Uranium







Well ID: POC-07
Constituent: Uranium
Units: mg/L
N = 8

Detect Only Stats:
Mean = 0.0016
Median = 0.0015
Min = 0.0006
Max = 0.0034
StdDev = 0.000879
95%ile = 0.00298

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0044
UTL (log) = 0.00774
UTL (np) = 0.0034

Trend = no trend
MK p = 0.0673
MK s = 13

Rosner
Outliers = 0
CV% = 55.11

AWQS = 0.03 mg/L

Figure: 7.23

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Helvetia, AZ

Piteau Associates
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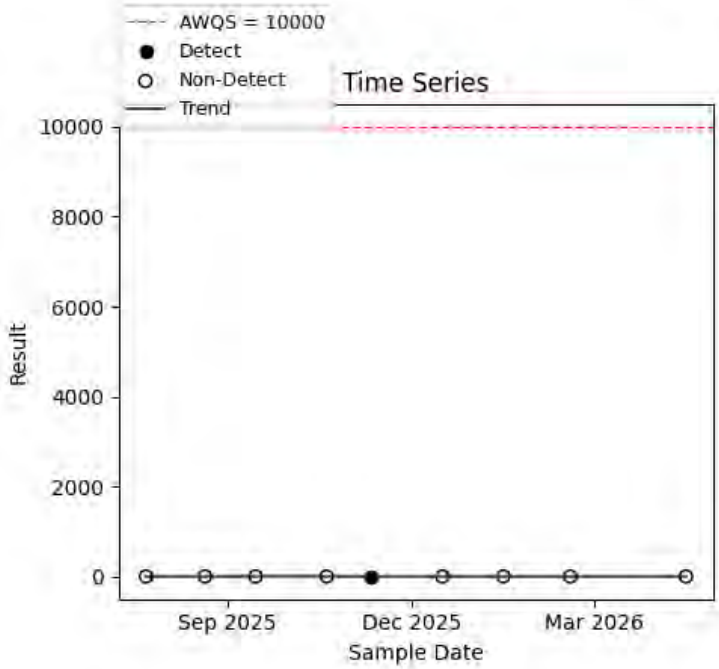
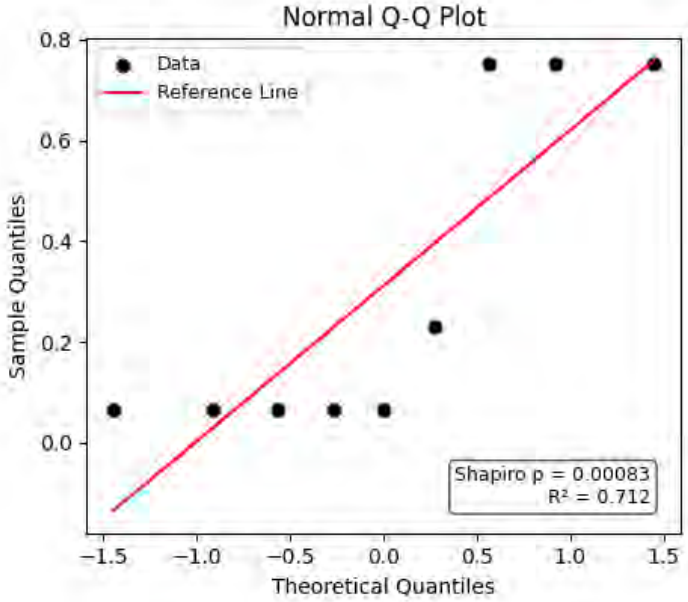
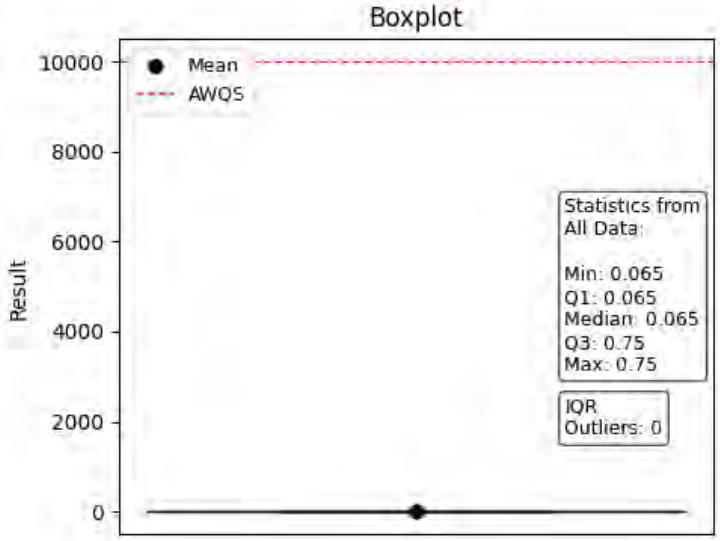
Approved: B. Giroux

POC-07 - Xylenes, Total







Well ID: POC-07
Constituent: Xylenes, Total
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.312
Median = 0.065
Min = 0.065
Max = 0.75
StdDev = 0.333
95%ile = 0.75

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 1.32
UTL (log) = 6.22
UTL (np) = 0.75

Trend = decreasing
MK p = 0.00908
MK s = -21

Rosner
Outliers = 0
CV% = 106.86

AWQS = 1e+04 ug/L

Figure: 7.24

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Helvetia, AZ

Piteau Associates
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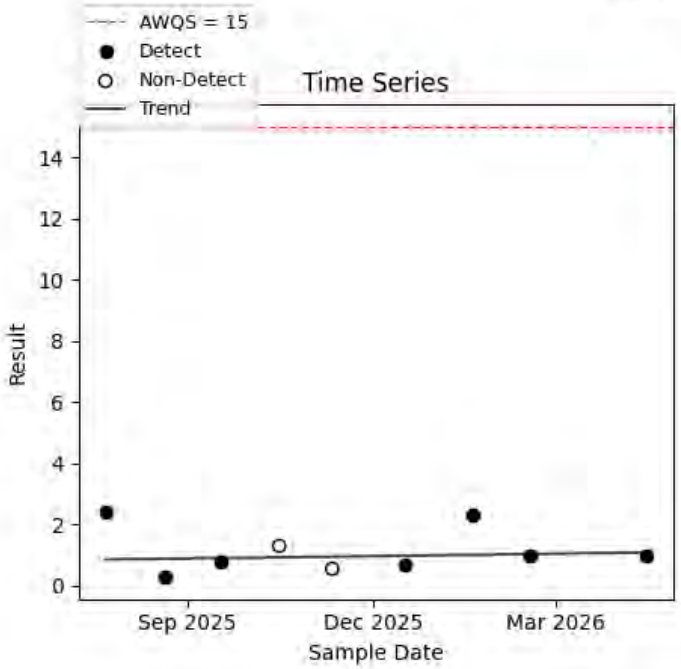
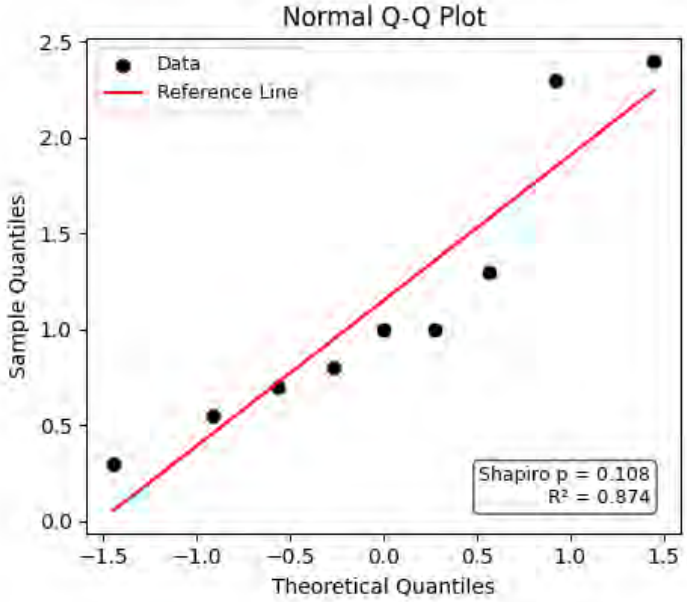
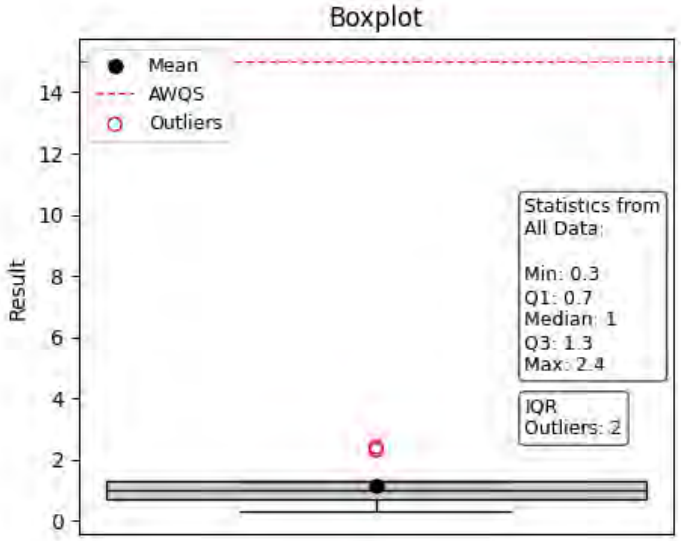
Approved: B. Giroux

POC-08 - Adjusted Gross Alpha







Well ID: POC-08
Constituent: Adjusted Gross Alpha
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 1.15
Median = 1
Min = 0.3
Max = 2.4
StdDev = 0.738
95%ile = 2.36

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 3.39
UTL (log) = 7.08
UTL (np) = 2.4

Trend = no trend
MK p = 0.417
MK s = 3

Rosner
Outliers = 0
CV% = 64.19

AWQS = 15 pCi/L

Figure: 8.1

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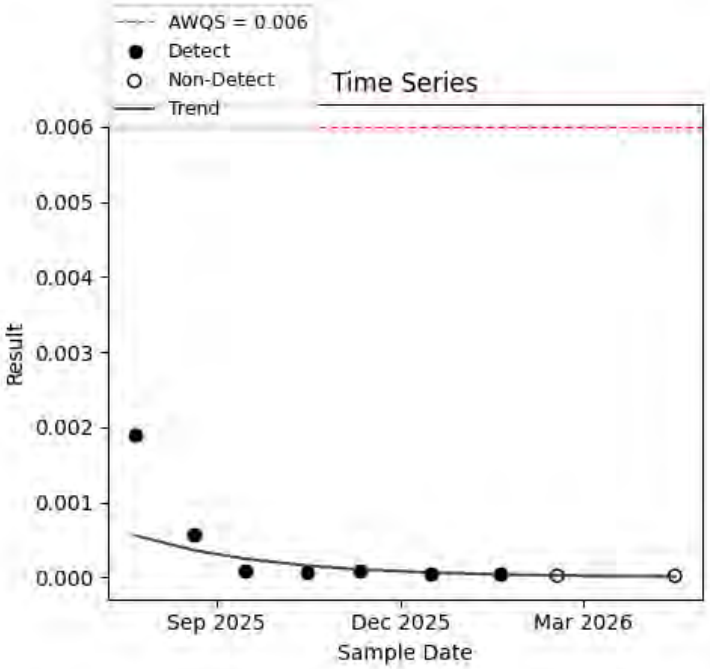
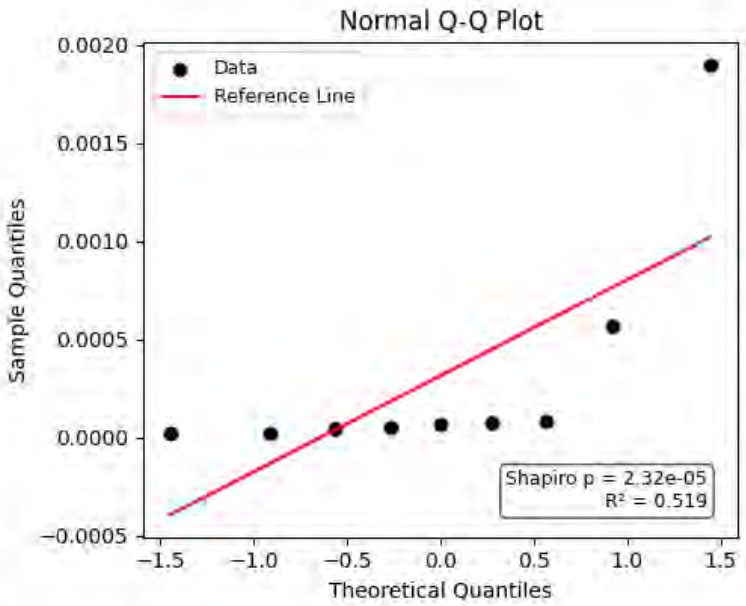
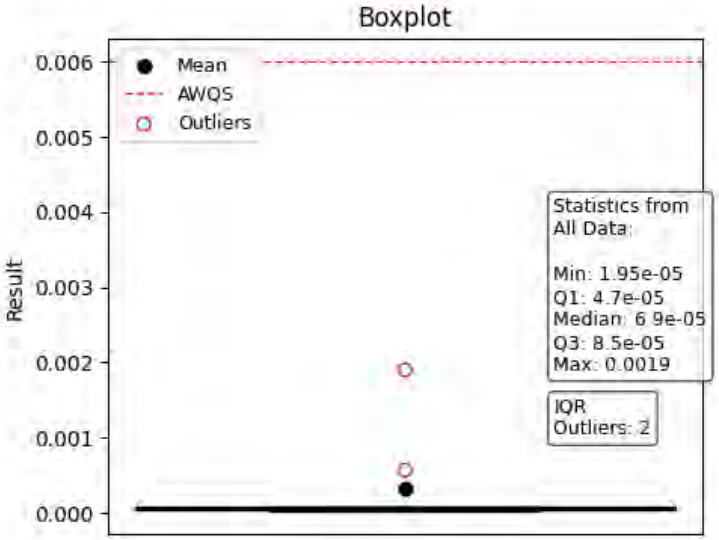
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Antimony







Well ID: POC-08
Constituent: Antimony
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000315
Median = 6.9e-05
Min = 1.95e-05
Max = 0.0019
StdDev = 0.000619
95%ile = 0.00137

% Non Detects = 22.2%

Distribution = Log-Normal
UTL (norm) = 0.00219
UTL (log) = 0.00887
UTL (np) = 0.0019

Trend = decreasing
MK p = 0.000398
MK s = -33

Rosner
Outliers = 1
CV% = 196.41

AWQS = 0.006 mg/L

Figure: 8.2

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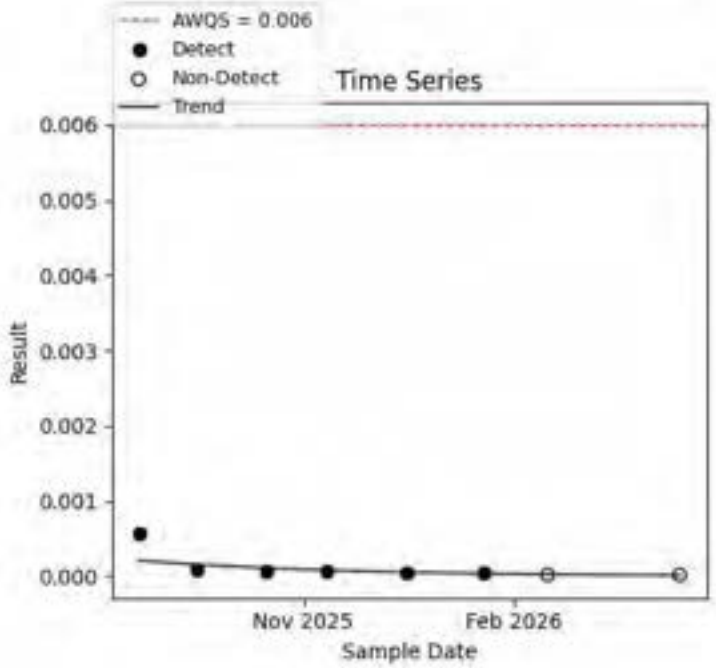
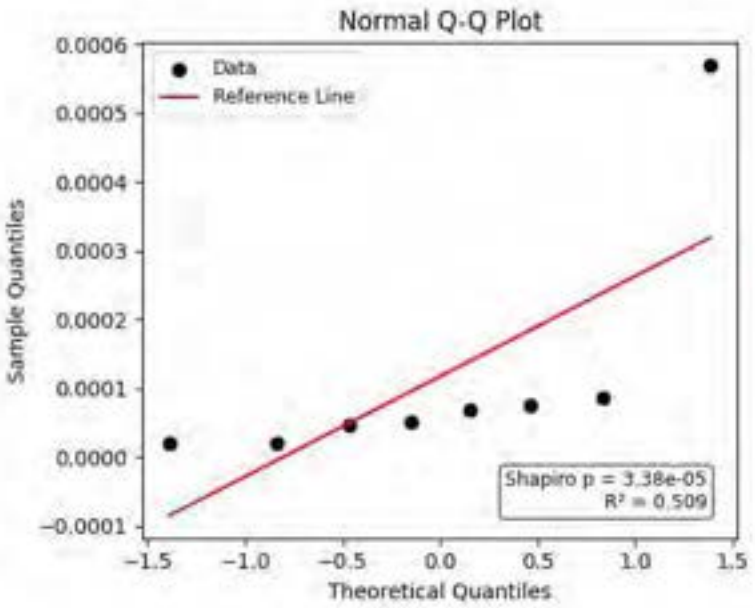
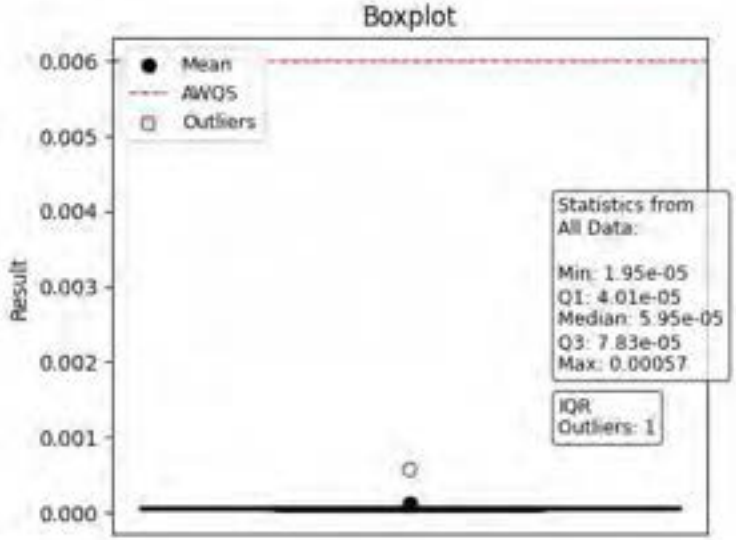
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Antimony







Well ID: POC-08
Constituent: Antimony
Units: mg/L
N = 8

Detect Only Stats:
Mean = 0.000117
Median = 5.95e-05
Min = 1.95e-05
Max = 0.00057
StdDev = 0.000185
95%ile = 0.0004

% Non Detects = 25.0%

Distribution = Log-Normal
UTL (norm) = 0.000705
UTL (log) = 0.00183
UTL (np) = 0.00057

Trend = decreasing
MK p = 0.00138
MK s = -25

Rosner
Outliers = 1
CV% = 157.80

AWQS = 0.006 mg/L

Figure: 8.2B

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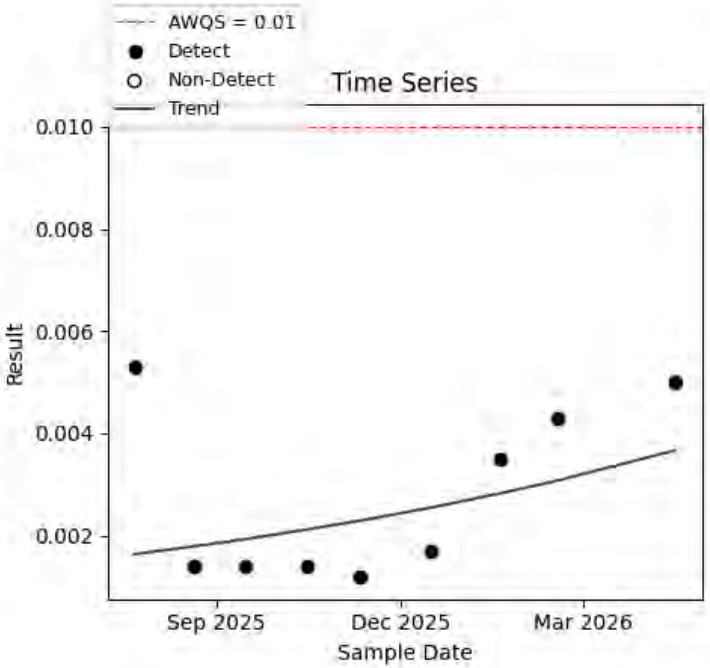
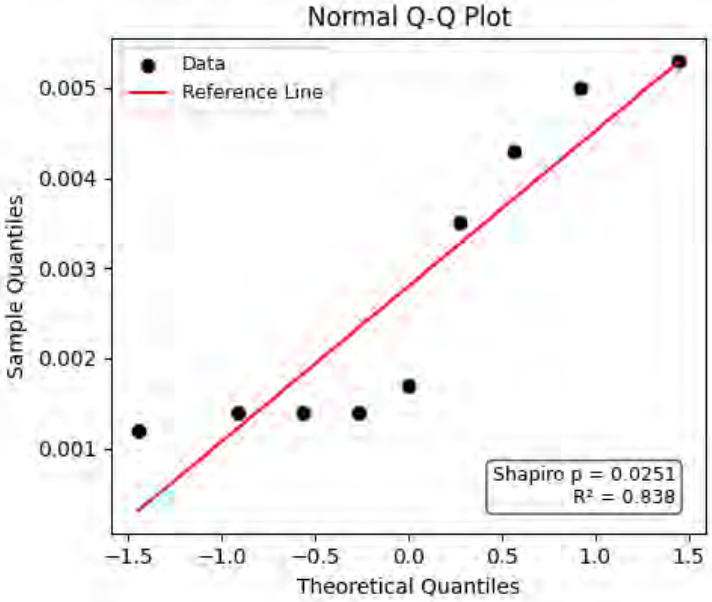
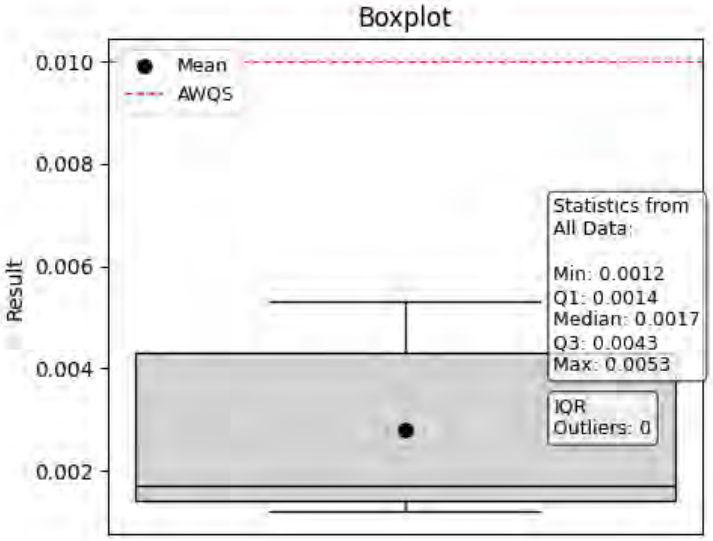
Approved: B. Giroux

POC-08 - Arsenic







Well ID: POC-08
Constituent: Arsenic
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0028
Median = 0.0017
Min = 0.0012
Max = 0.0053
StdDev = 0.00171
95%ile = 0.00518

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00799
UTL (log) = 0.0156
UTL (np) = 0.0053

Trend = no trend
MK p = 0.144
MK s = 11

Rosner
Outliers = 0
CV% = 61.19

AWQS = 0.01 mg/L

Figure: 8.3

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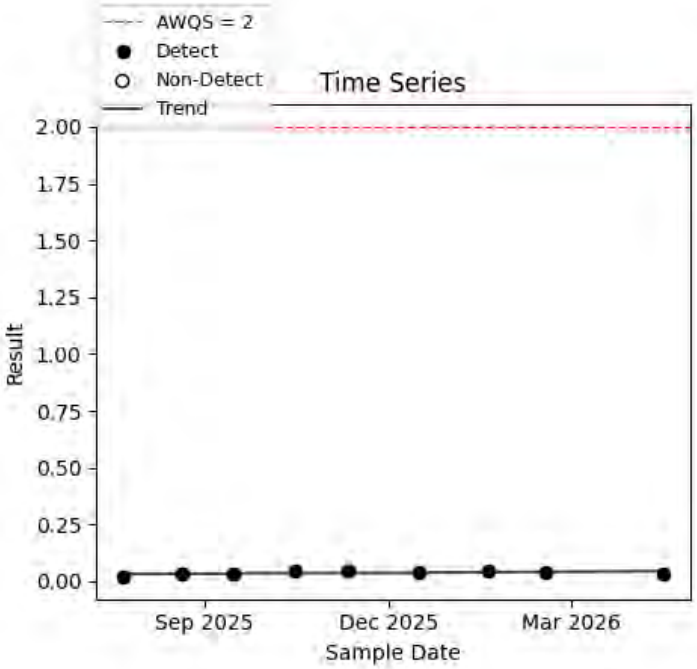
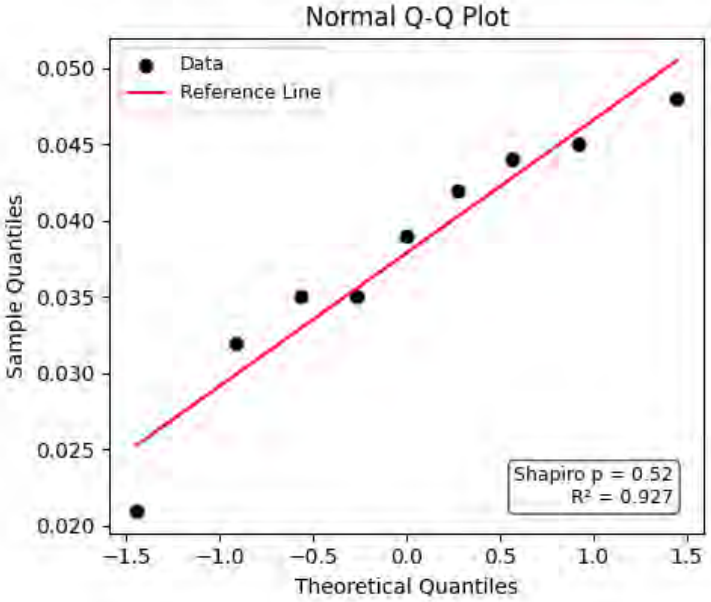
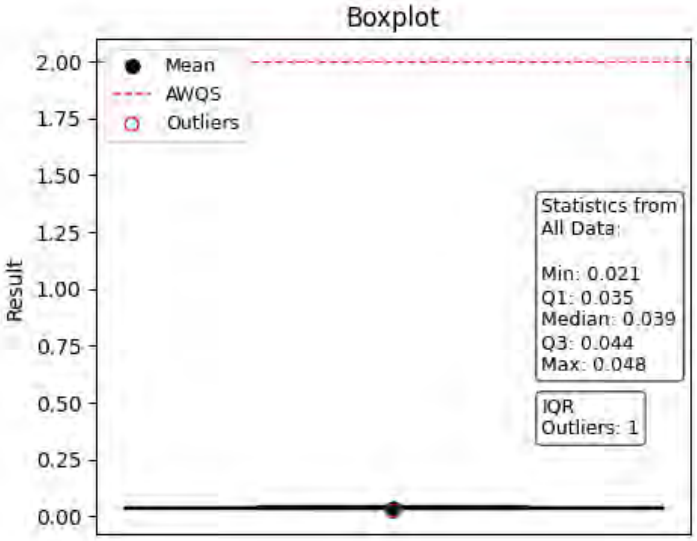
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Barium







Well ID: POC-08
Constituent: Barium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0379
Median = 0.039
Min = 0.021
Max = 0.048
StdDev = 0.00825
95%ile = 0.0468

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0629
UTL (log) = 0.079
UTL (np) = 0.048

Trend = no trend
MK p = 0.147
MK s = 11

Rosner
Outliers = 0
CV% = 21.78

AWQS = 2 mg/L

Figure: 8.4

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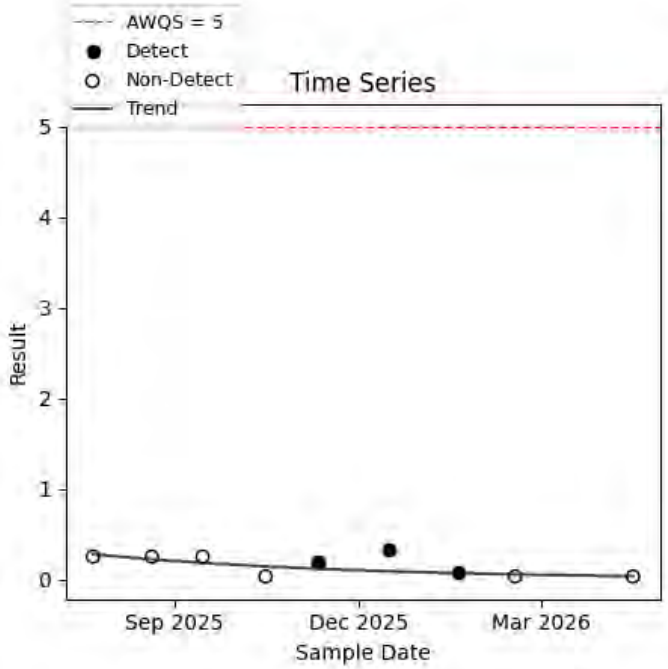
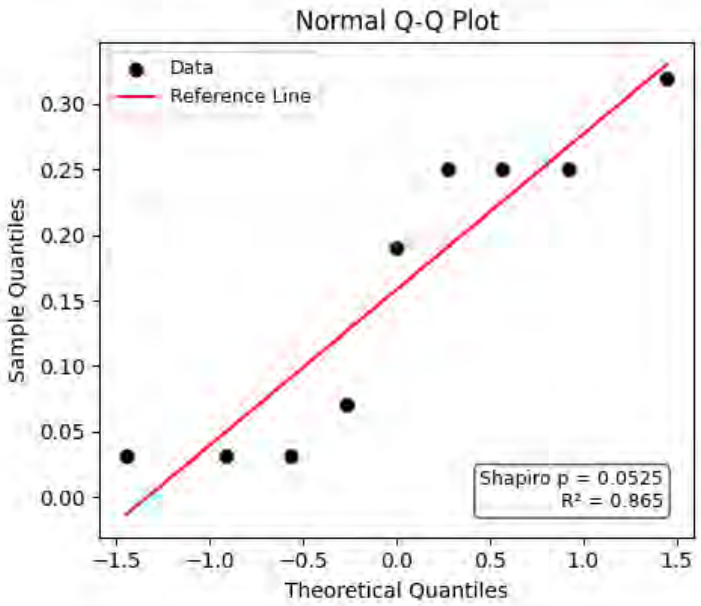
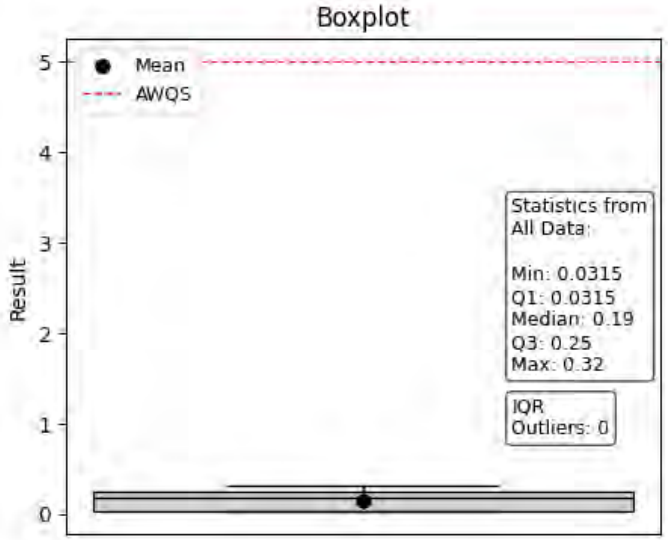
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Benzene







Well ID: POC-08
Constituent: Benzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.158
Median = 0.19
Min = 0.0315
Max = 0.32
StdDev = 0.116
95%ile = 0.292

% Non Detects = 66.7%

Distribution = Normal
UTL (norm) = 0.511
UTL (log) = 2.4
UTL (np) = 0.32

Trend = no trend
MK p = 0.0515
MK s = -16

Rosner
Outliers = 0
CV% = 73.55

AWQS = 5 ug/L

Figure: 8.5

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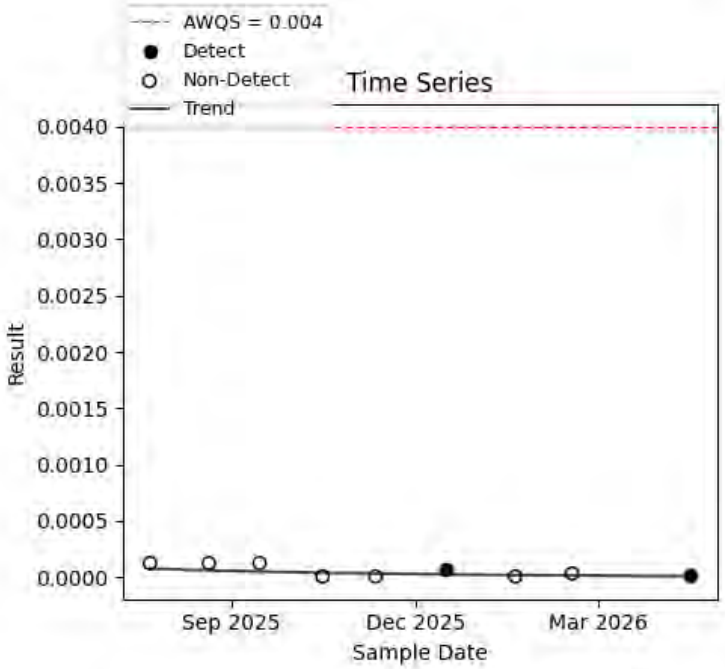
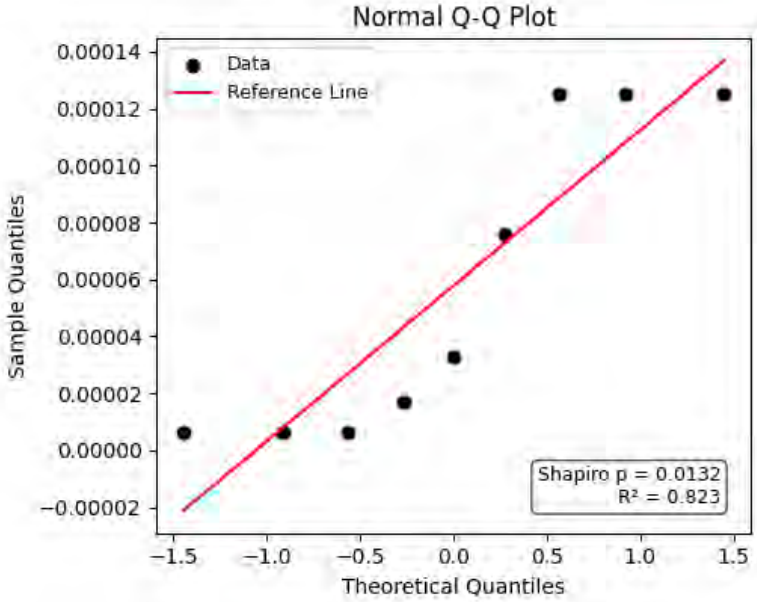
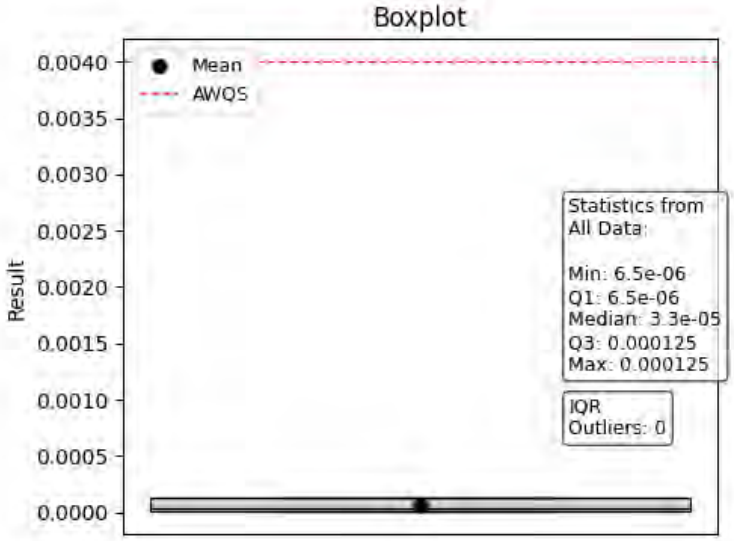
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Beryllium







Well ID: POC-08
Constituent: Beryllium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 5.78e-05
Median = 3.3e-05
Min = 6.5e-06
Max = 0.000125
StdDev = 5.48e-05
95%ile = 0.000125

% Non Detects = 77.8%

Distribution = Normal
UTL (norm) = 0.000224
UTL (log) = 0.00176
UTL (np) = 0.000125

Trend = no trend
MK p = 0.0789
MK s = -14

Rosner
Outliers = 0
CV% = 94.81

AWQS = 0.004 mg/L

Figure: 8.6

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Helvetia, AZ

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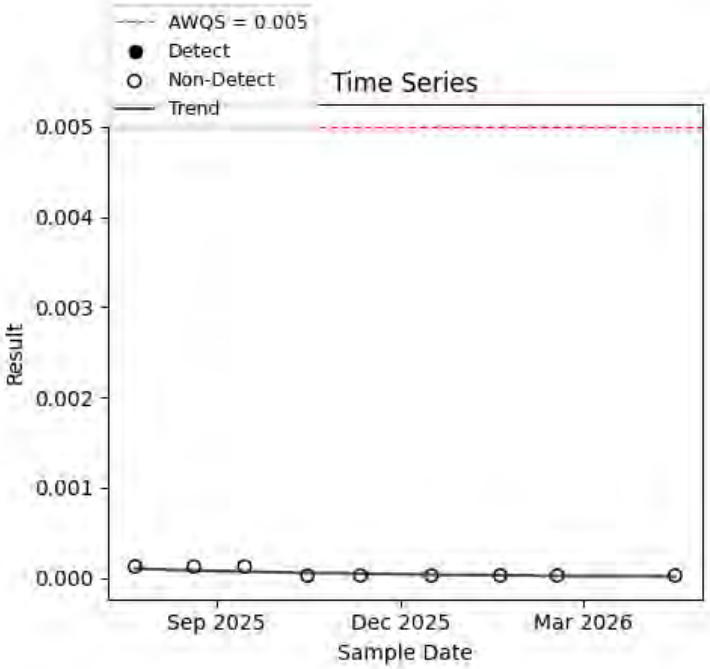
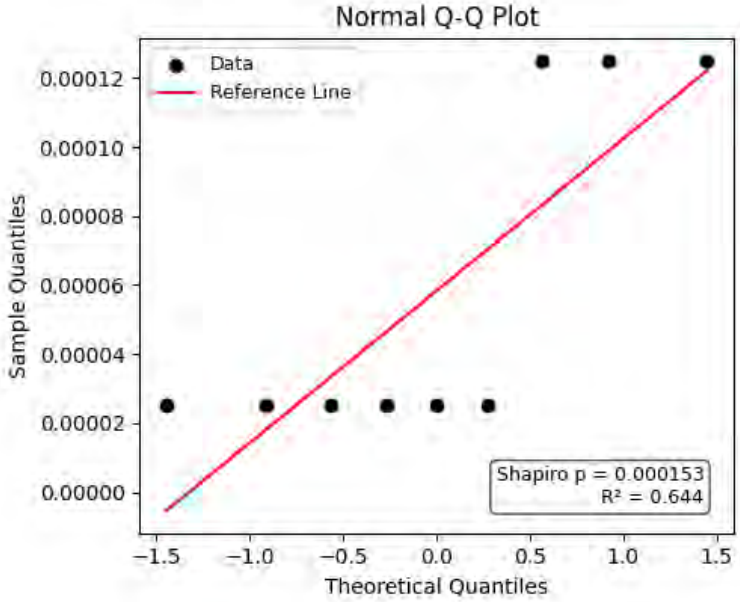
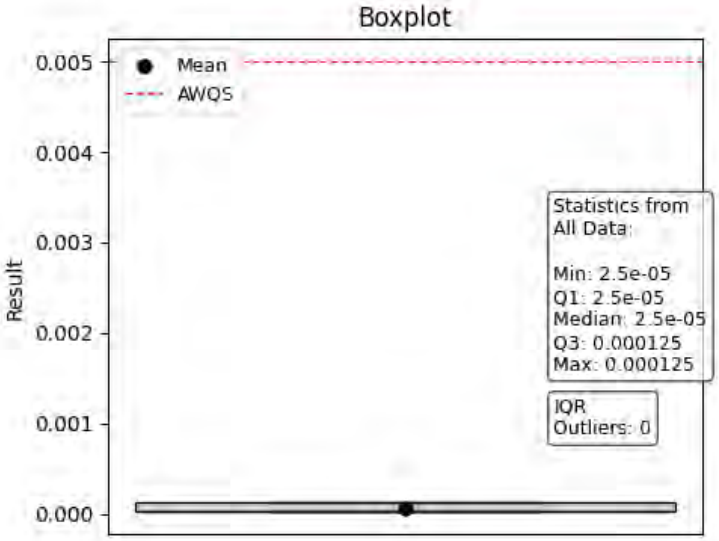
Approved: B. Giroux

POC-08 - Cadmium







Well ID: POC-08
Constituent: Cadmium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 5.83e-05
Median = 2.5e-05
Min = 2.5e-05
Max = 0.000125
StdDev = 5e-05
95%ile = 0.000125

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.00021
UTL (log) = 0.00049
UTL (np) = 0.000125

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 85.71

AWQS = 0.005 mg/L

Figure: 8.7

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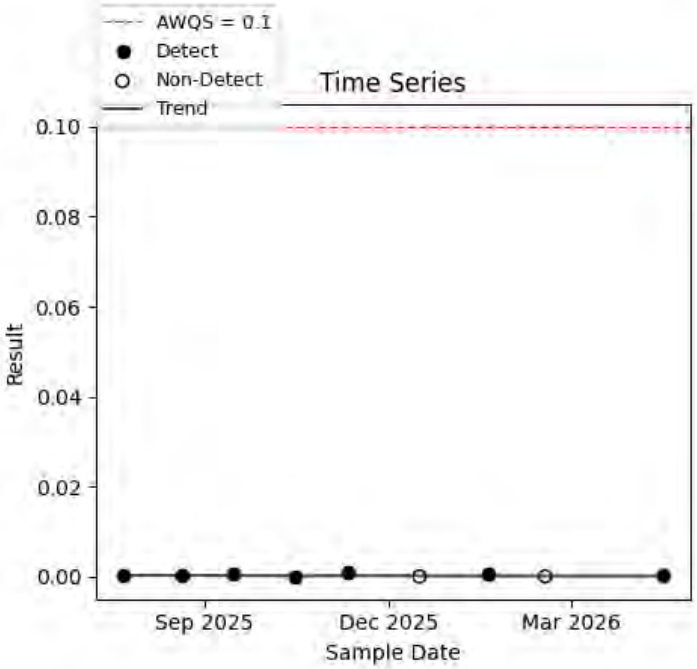
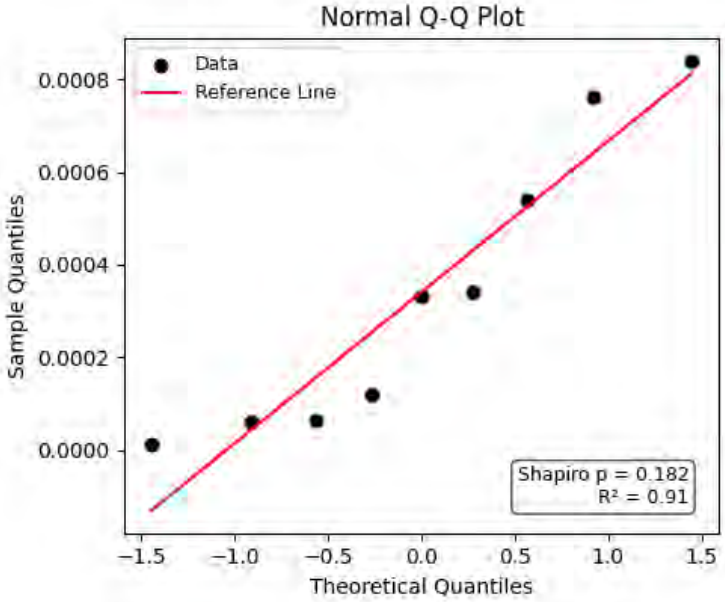
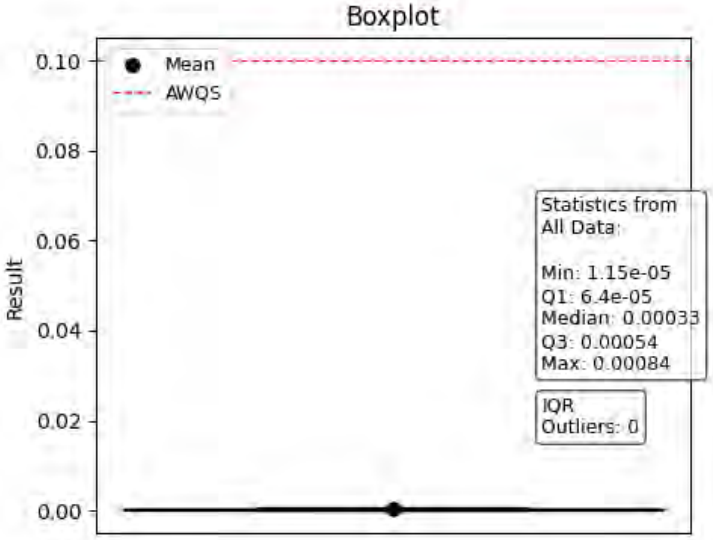
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Chromium







Well ID: POC-08
Constituent: Chromium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000341
Median = 0.00033
Min = 1.15e-05
Max = 0.00084
StdDev = 0.000312
95%ile = 0.000808

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 0.00129
UTL (log) = 0.0139
UTL (np) = 0.00084

Trend = no trend
MK p = 0.377
MK s = -4

Rosner
Outliers = 0
CV% = 91.52

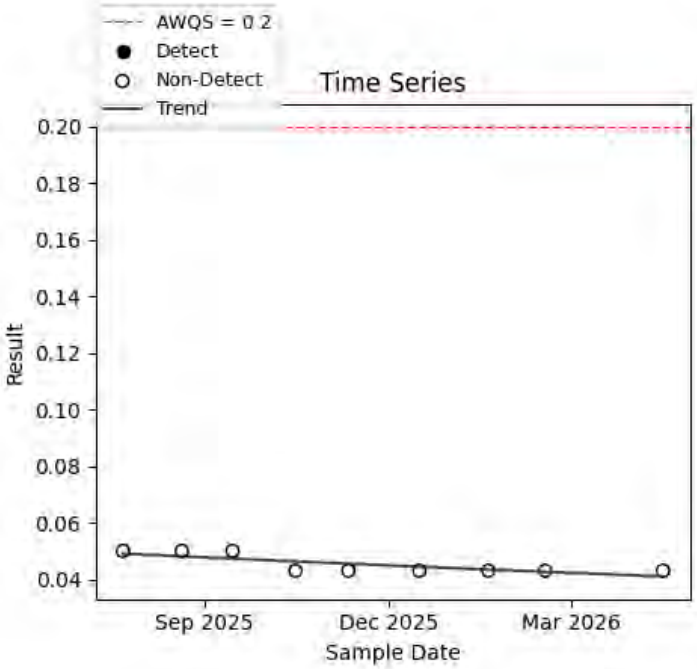
AWQS = 0.1 mg/L

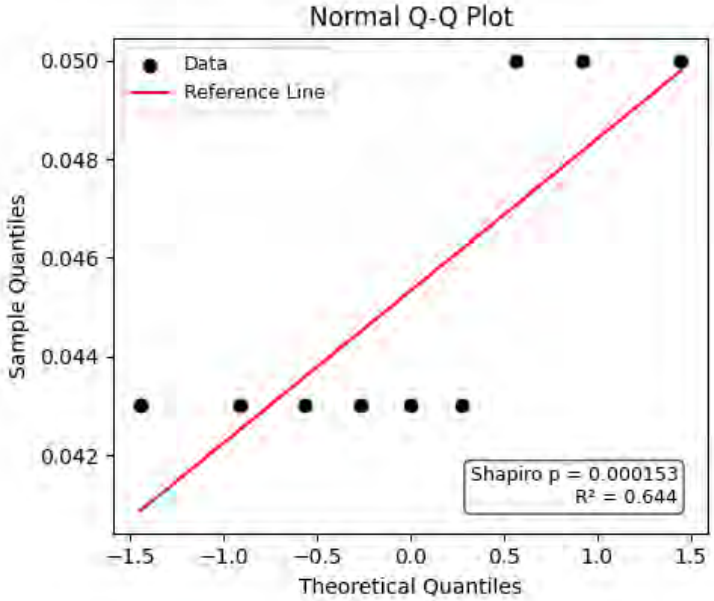
Figure: 8.8

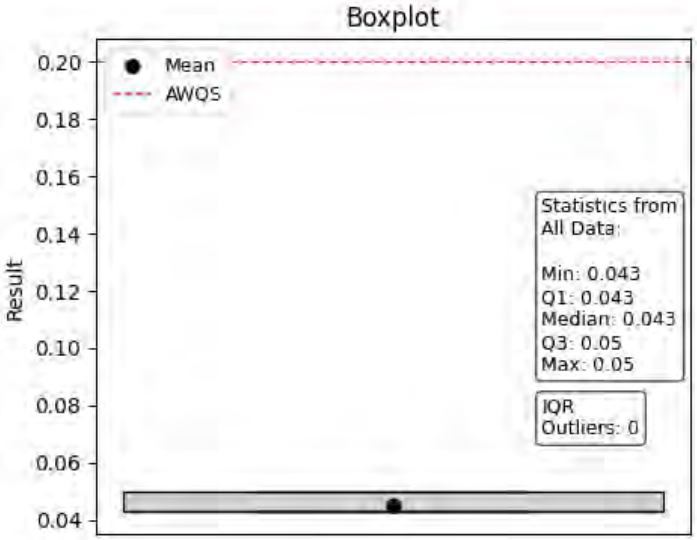
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Cyanide







Well ID: POC-08
Constituent: Cyanide
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0453
Median = 0.043
Min = 0.043
Max = 0.05
StdDev = 0.0035
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0559
UTL (log) = 0.0568
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 7.72

AWQS = 0.2 mg/L

Figure: 8.9

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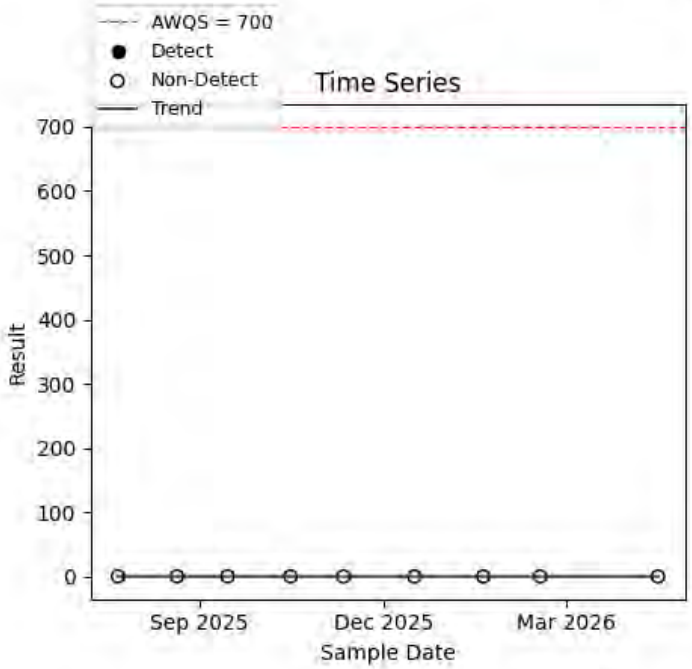
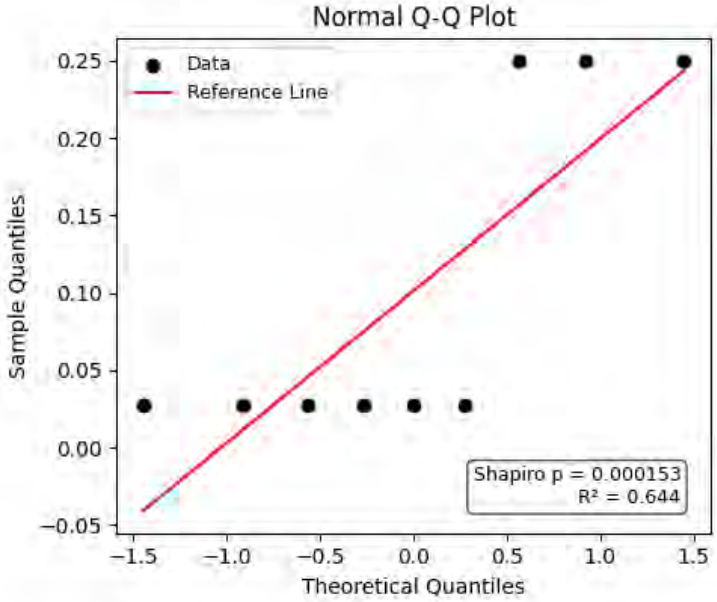
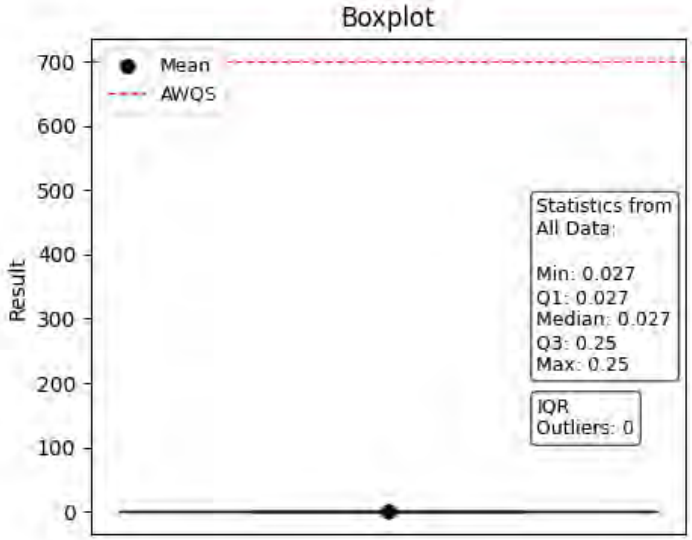
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Ethylbenzene







Well ID: POC-08
Constituent: Ethylbenzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.101
Median = 0.027
Min = 0.027
Max = 0.25
StdDev = 0.112
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.439
UTL (log) = 1.65
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 110.03

AWQS = 700 ug/L

Figure: 8.10

Copper World, Inc.
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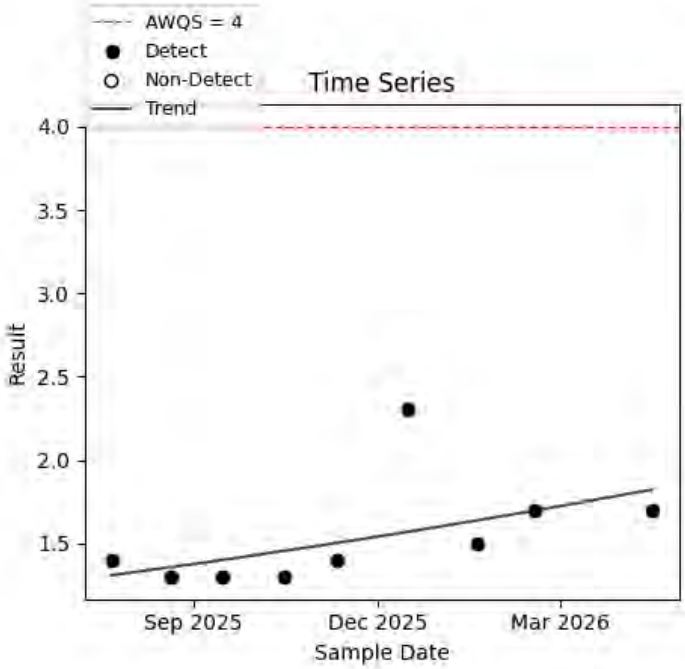
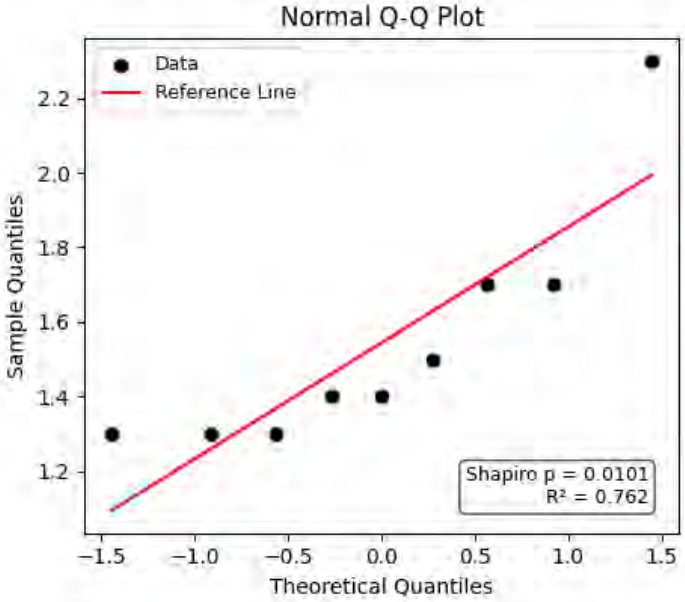
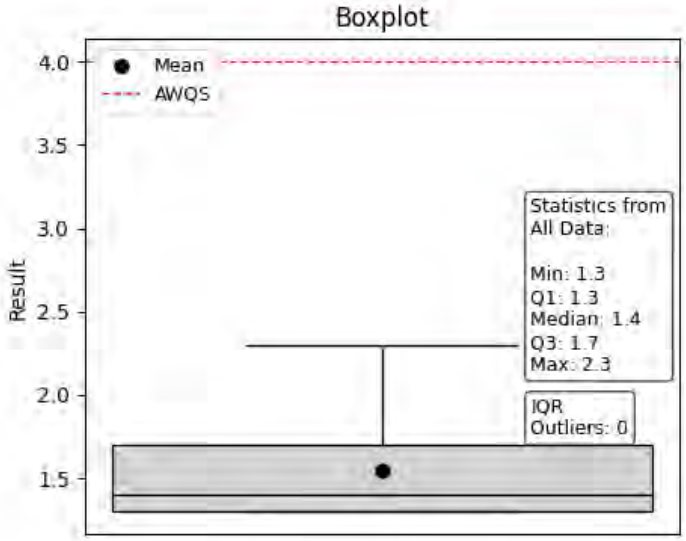
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Fluoride







Well ID: POC-08
Constituent: Fluoride
Units: mg/L
N = 9

Detect Only Stats:
Mean = 1.54
Median = 1.4
Min = 1.3
Max = 2.3
StdDev = 0.324
95%ile = 2.06

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 2.53
UTL (log) = 2.69
UTL (np) = 2.3

Trend = increasing
MK p = 0.0264
MK s = 19

Rosner
Outliers = 1
CV% = 21.01

AWQS = 4 mg/L

Figure: 8.11

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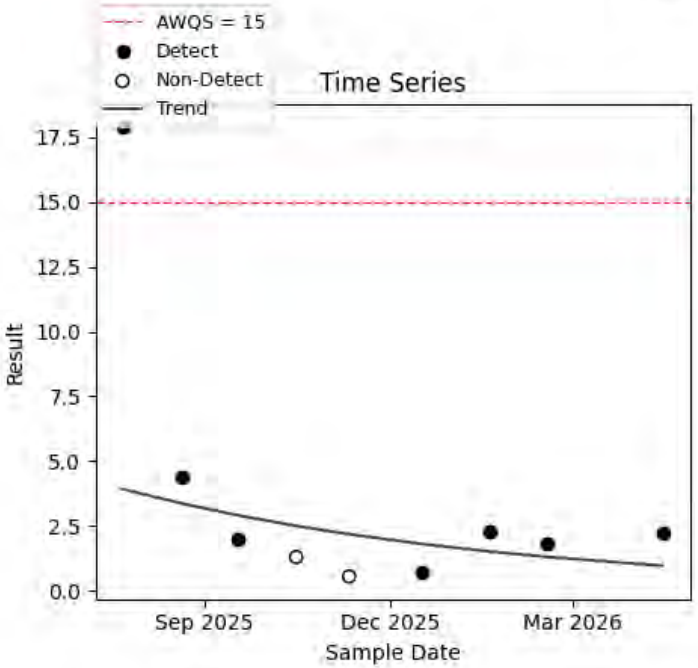
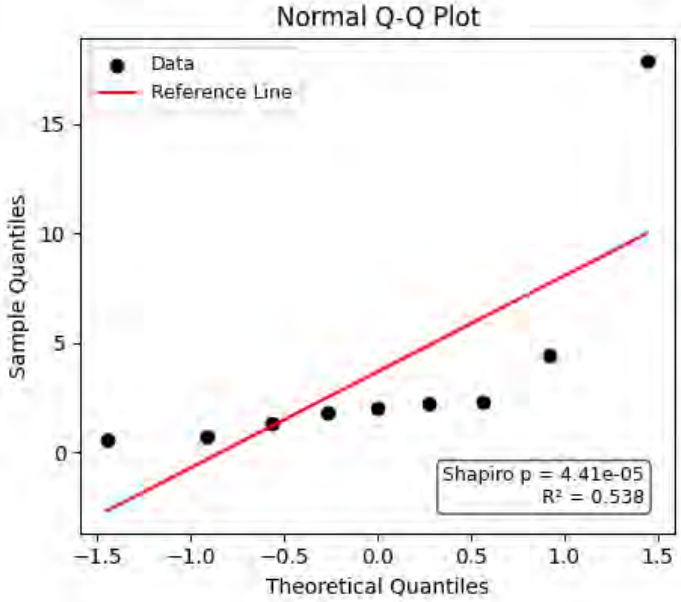
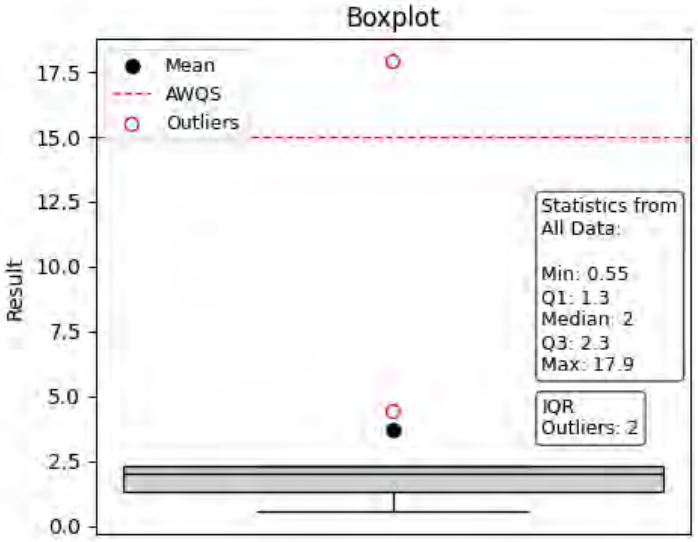
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Gross Alpha Activity







⚠ **Exceeds AWQS**

Well ID: POC-08
Constituent: Gross Alpha Activity
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 3.68
Median = 2
Min = 0.55
Max = 17.9
StdDev = 5.45
95%ile = 12.5

% Non Detects = 22.2%

Distribution = Log-Normal
UTL (norm) = 20.2
UTL (log) = 46.4
UTL (np) = 17.9

Trend = no trend
MK p = 0.174
MK s = -10

Rosner
Outliers = 1
CV% = 147.93

AWQS = 15 pCi/L

Figure: 8.12

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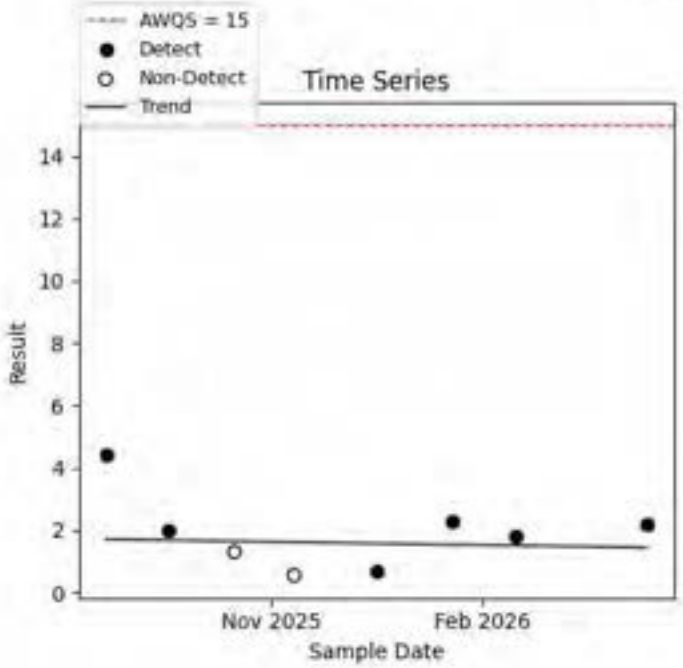
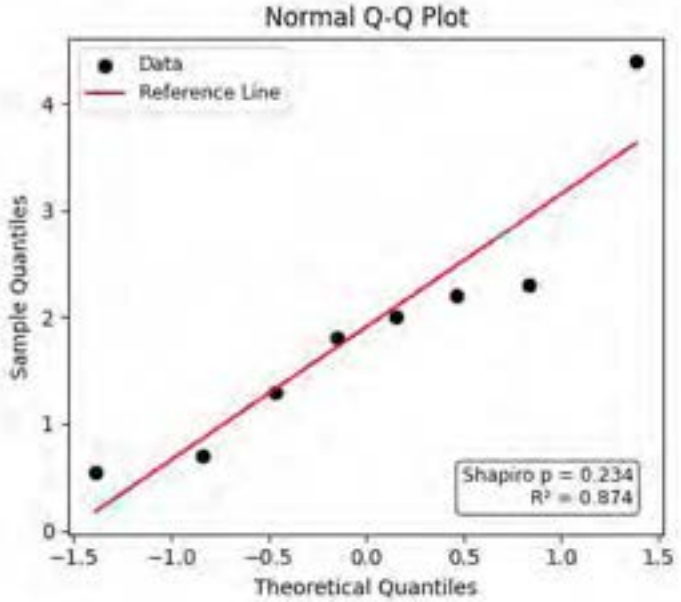
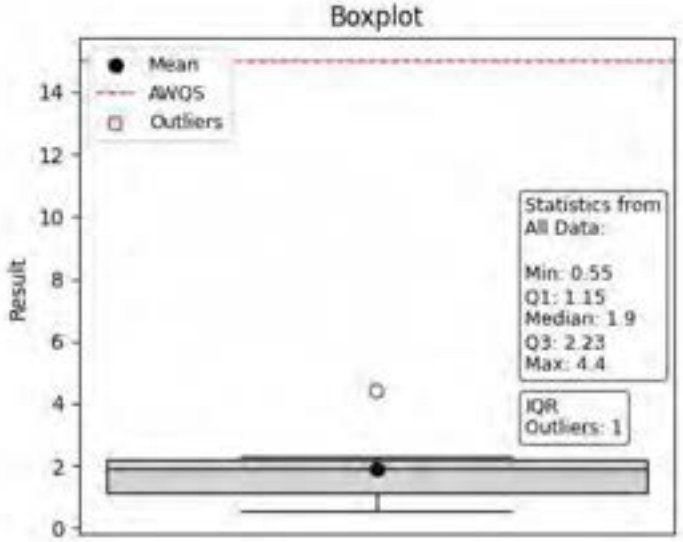
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Gross Alpha Activity







Well ID: POC-08
Constituent: Gross Alpha Activity
Units: pCi/L
N = 8

Detect Only Stats:
Mean = 1.91
Median = 1.9
Min = 0.55
Max = 4.4
StdDev = 1.2
95%ile = 3.66

% Non Detects = 25.0%

Distribution = Normal
UTL (norm) = 5.74
UTL (log) = 13.6
UTL (np) = 4.4

Trend = no trend
MK p = 0.451
MK s = -2

Rosner
Outliers = 0
CV% = 63.14

AWQS = 15 pCi/L

Figure: 8.12B

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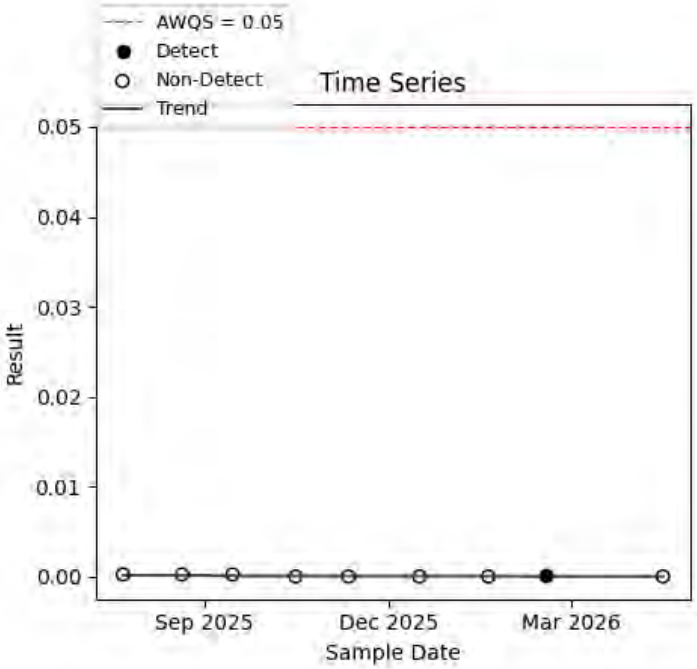
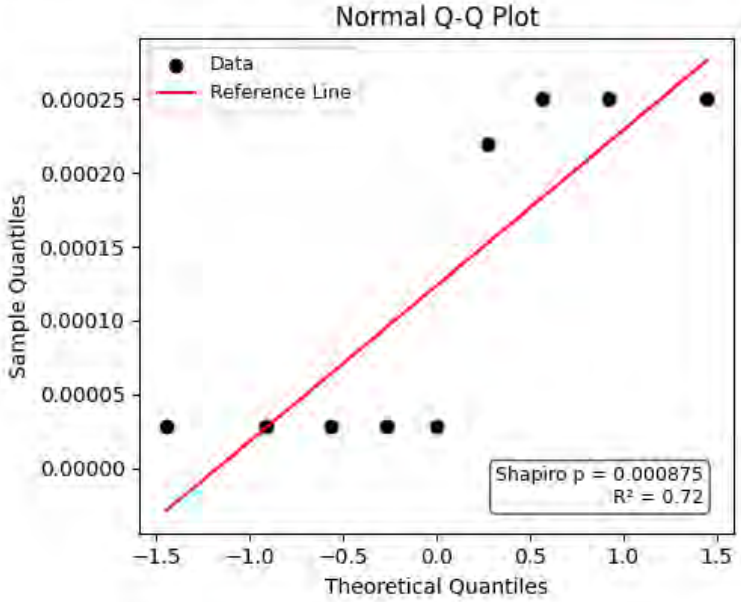
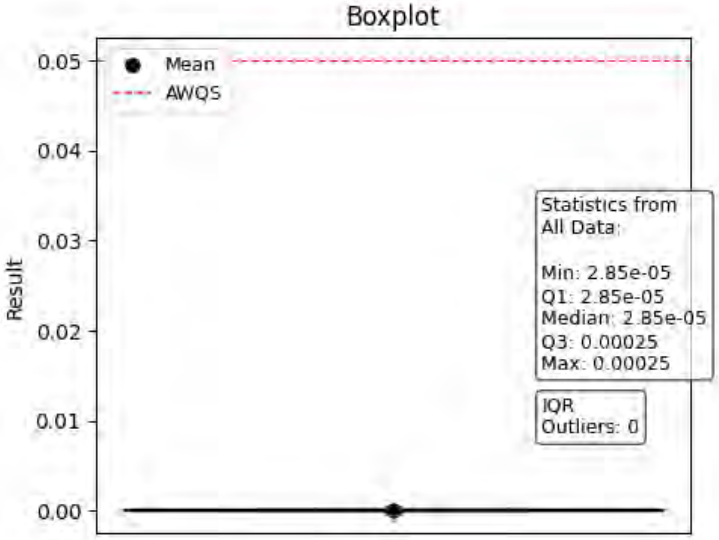
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Lead







Well ID: POC-08
Constituent: Lead
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000124
Median = 2.85e-05
Min = 2.85e-05
Max = 0.00025
StdDev = 0.000113
95%ile = 0.00025

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.000467
UTL (log) = 0.00225
UTL (np) = 0.00025

Trend = decreasing
MK p = 0.0491
MK s = -15

Rosner
Outliers = 0
CV% = 91.55

AWQS = 0.05 mg/L

Figure: 8.13

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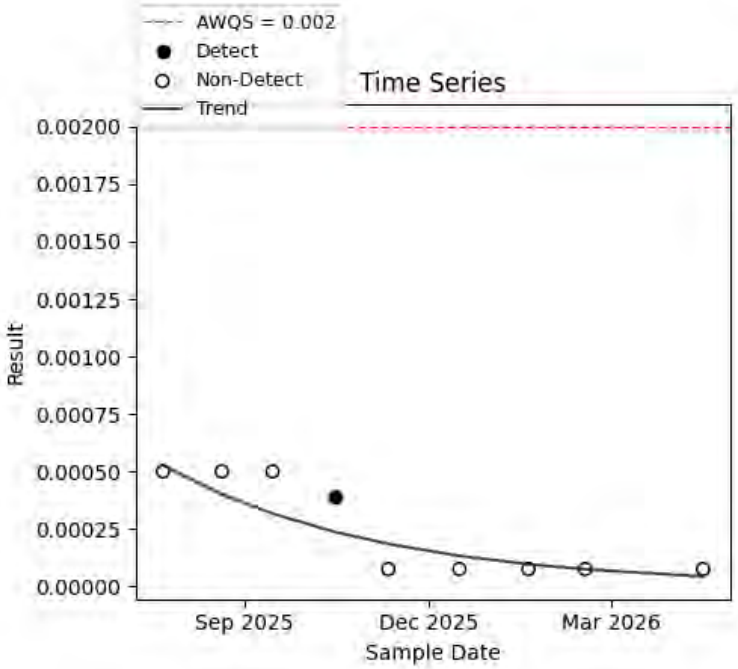
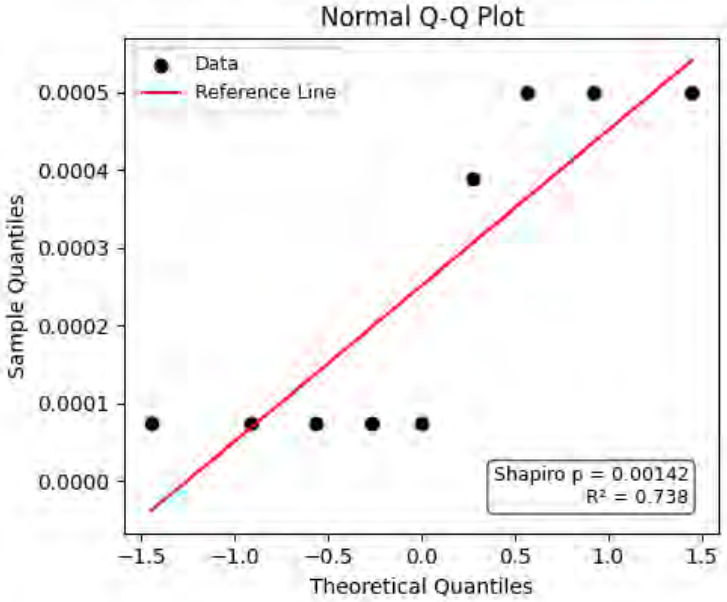
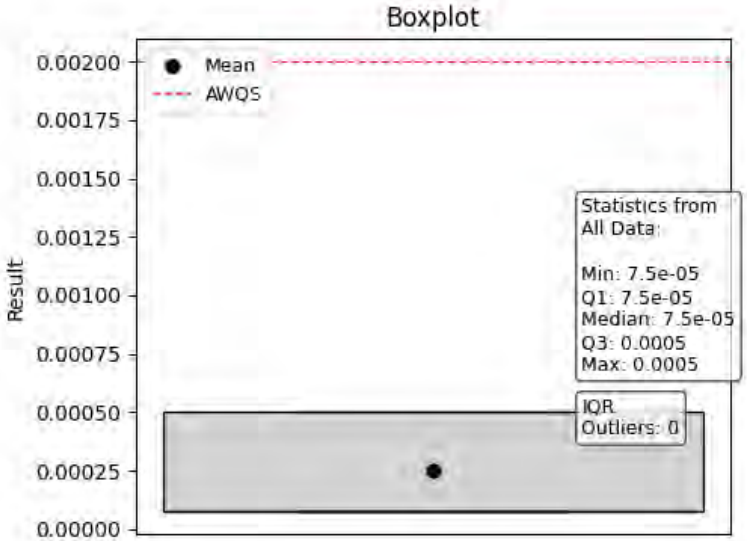
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Mercury







Well ID: POC-08
Constituent: Mercury
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000252
Median = 7.5e-05
Min = 7.5e-05
Max = 0.0005
StdDev = 0.000212
95%ile = 0.0005

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.000895
UTL (log) = 0.00321
UTL (np) = 0.0005

Trend = decreasing
MK p = 0.00468
MK s = -23

Rosner
Outliers = 0
CV% = 84.31

AWQS = 0.002 mg/L

Figure: 8.14

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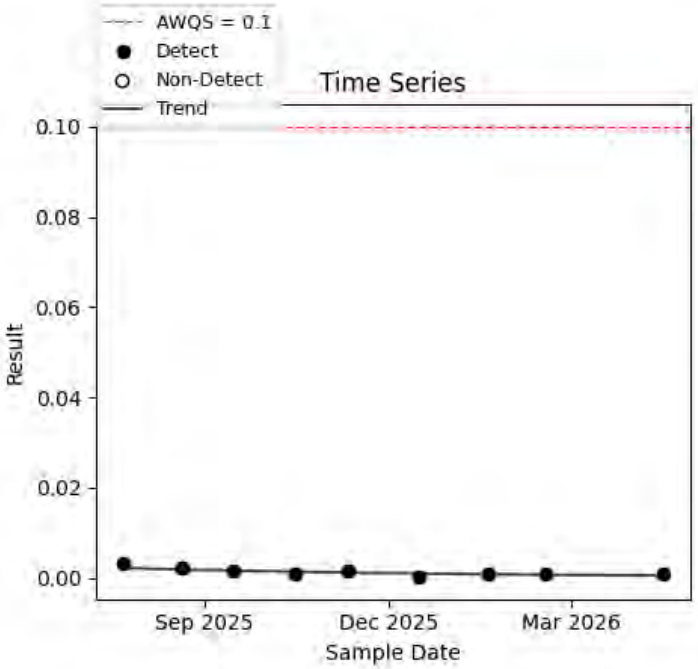
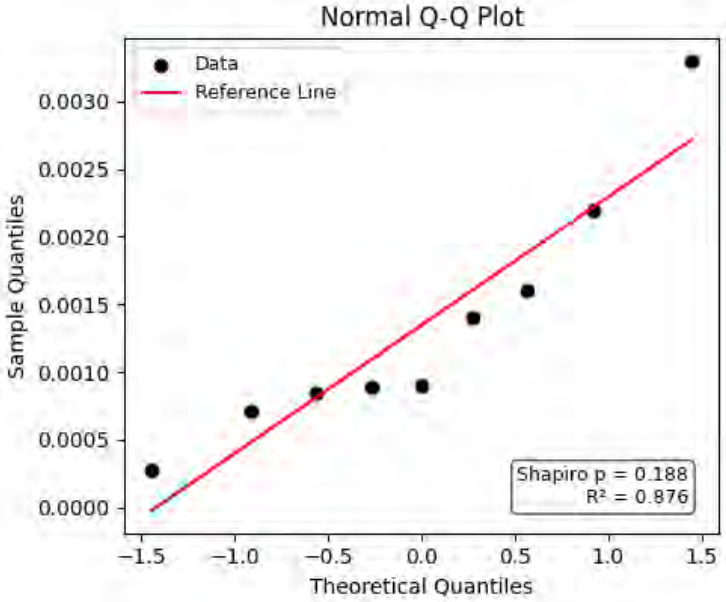
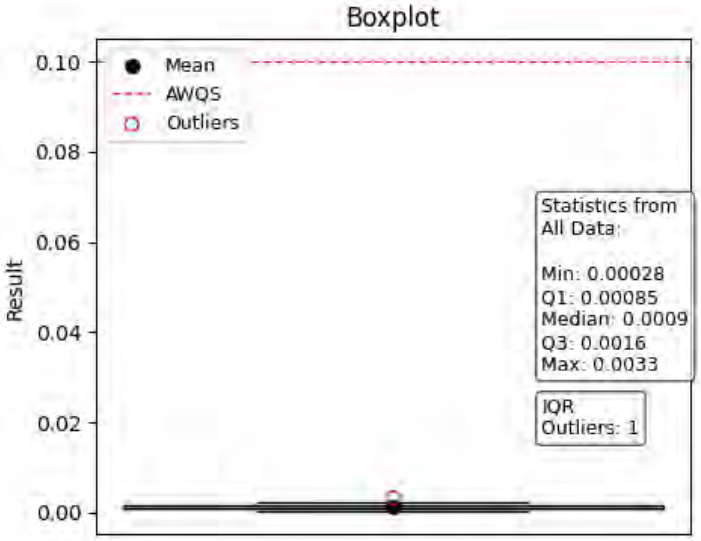
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Nickel







Well ID: POC-08
Constituent: Nickel
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00135
Median = 0.0009
Min = 0.00028
Max = 0.0033
StdDev = 0.000923
95%ile = 0.00286

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00414
UTL (log) = 0.00956
UTL (np) = 0.0033

Trend = decreasing
MK p = 0.00244
MK s = -28

Rosner
Outliers = 0
CV% = 68.45

AWQS = 0.1 mg/L

Figure: 8.15

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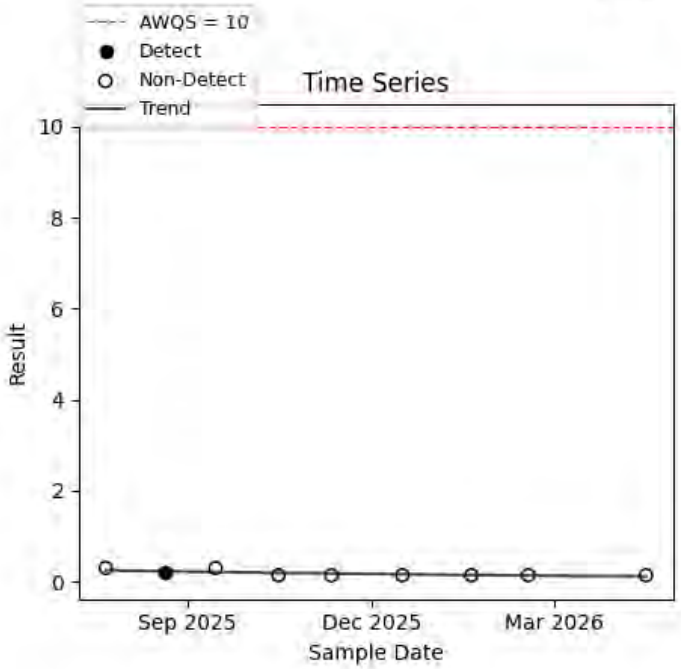
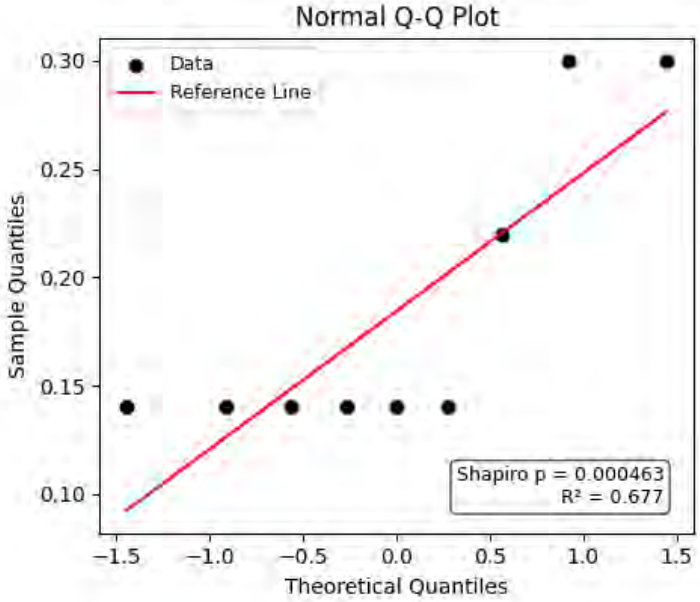
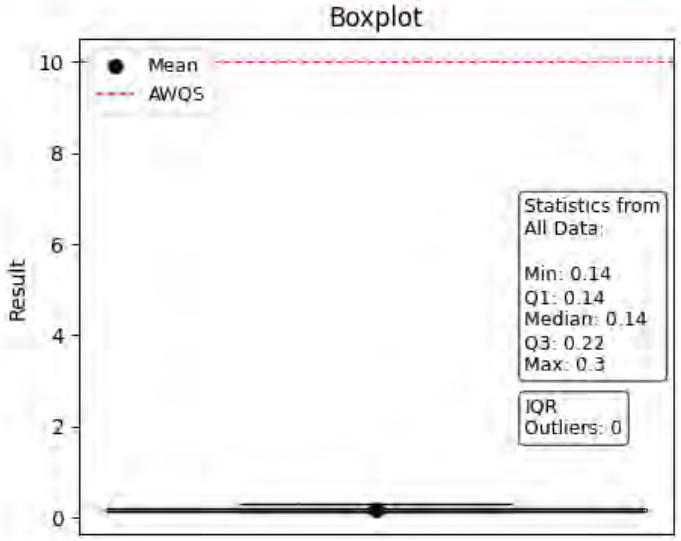
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Nitrate and Nitrite Sum







Well ID: POC-08
Constituent: Nitrate and Nitrite Sum
Units: nan
N = 9

Detect Only Stats:
Mean = 0.184
Median = 0.14
Min = 0.14
Max = 0.3
StdDev = 0.0706
95%ile = 0.3

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.398
UTL (log) = 0.491
UTL (np) = 0.3

Trend = decreasing
MK p = 0.0159
MK s = -18

Rosner
Outliers = 0
CV% = 38.25

AWQS = 10 nan

Figure: 8.16

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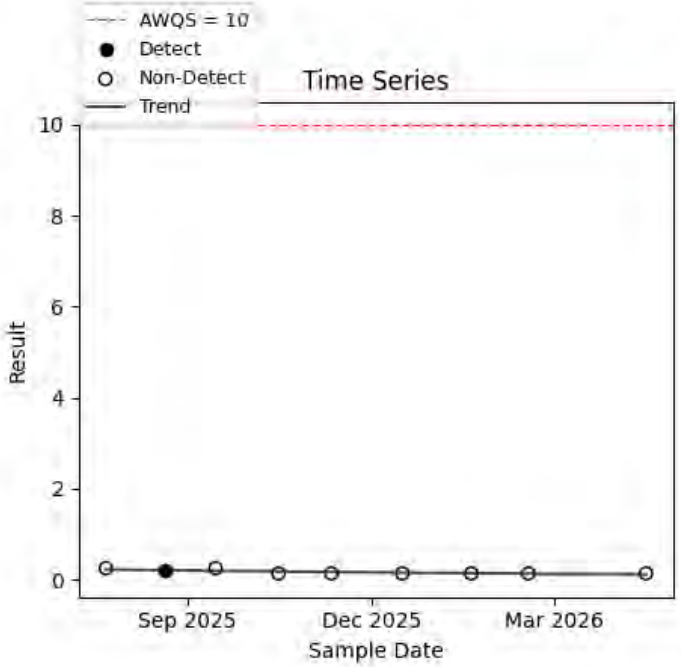
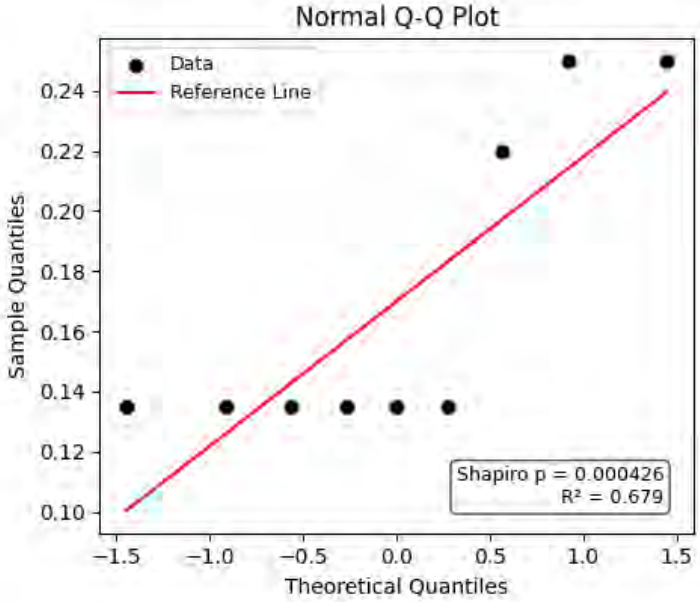
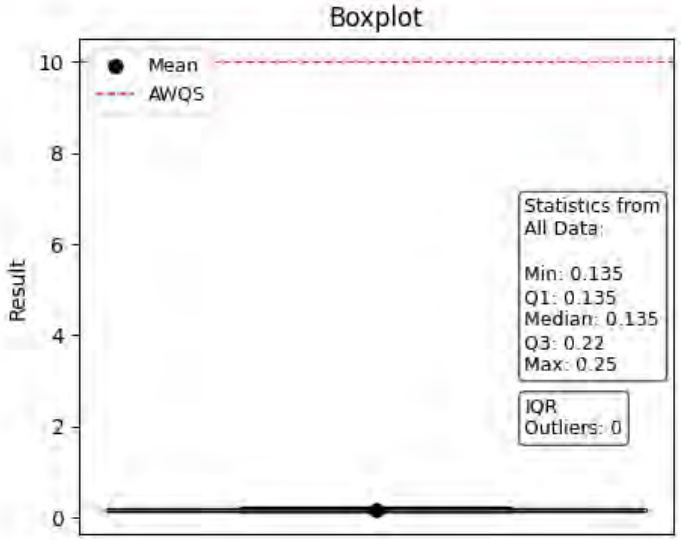
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Nitrogen, Nitrate (As N)







Well ID: POC-08
Constituent: Nitrogen, Nitrate (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.17
Median = 0.135
Min = 0.135
Max = 0.25
StdDev = 0.0532
95%ile = 0.25

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.331
UTL (log) = 0.393
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0159
MK s = -18

Rosner
Outliers = 0
CV% = 31.30

AWQS = 10 mg/L

Figure: 8.17

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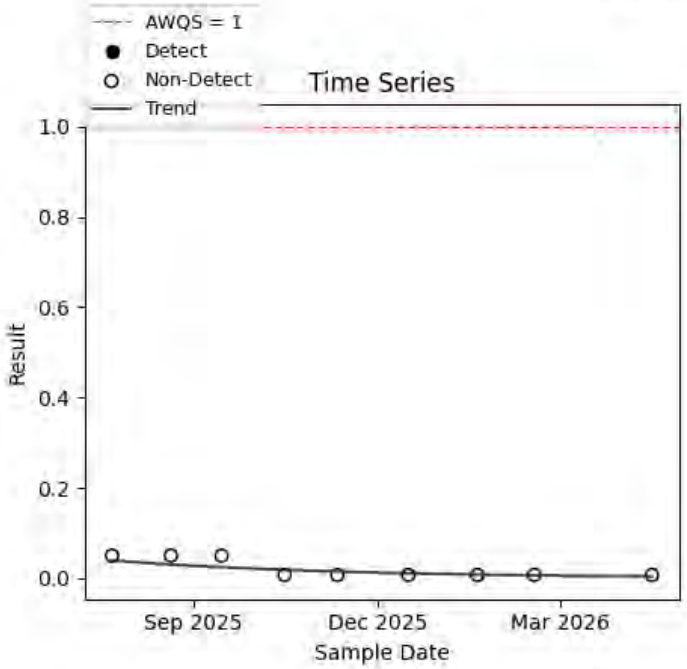
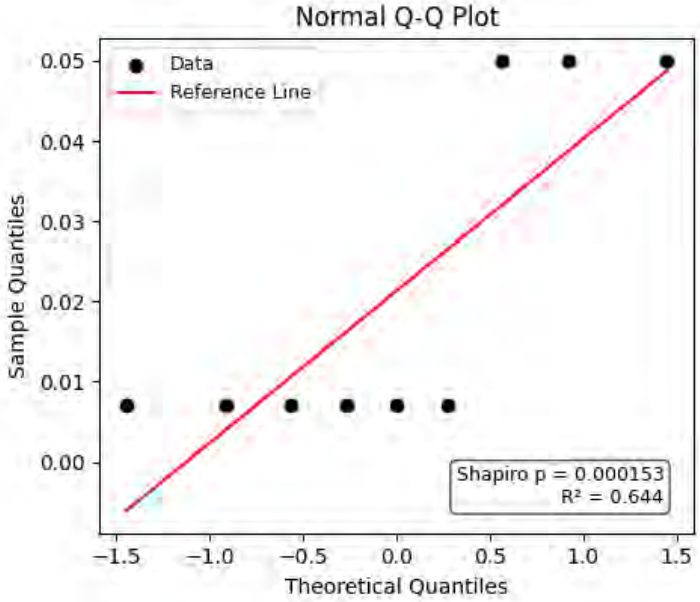
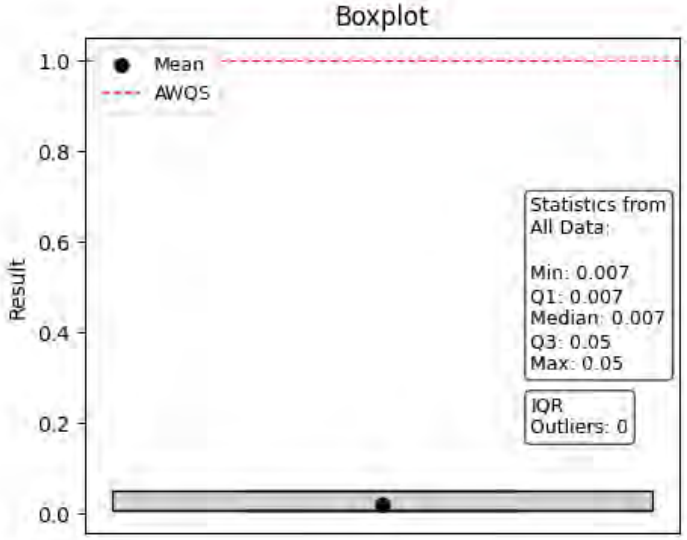
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Nitrogen, Nitrite (As N)







Well ID: POC-08
Constituent: Nitrogen, Nitrite (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0213
Median = 0.007
Min = 0.007
Max = 0.05
StdDev = 0.0215
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0865
UTL (log) = 0.265
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 100.78

AWQS = 1 mg/L

Figure: 8.18

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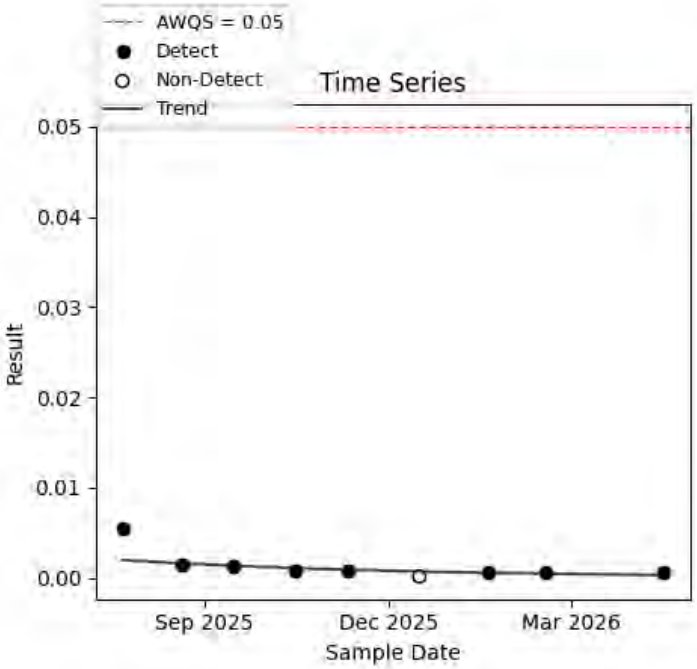
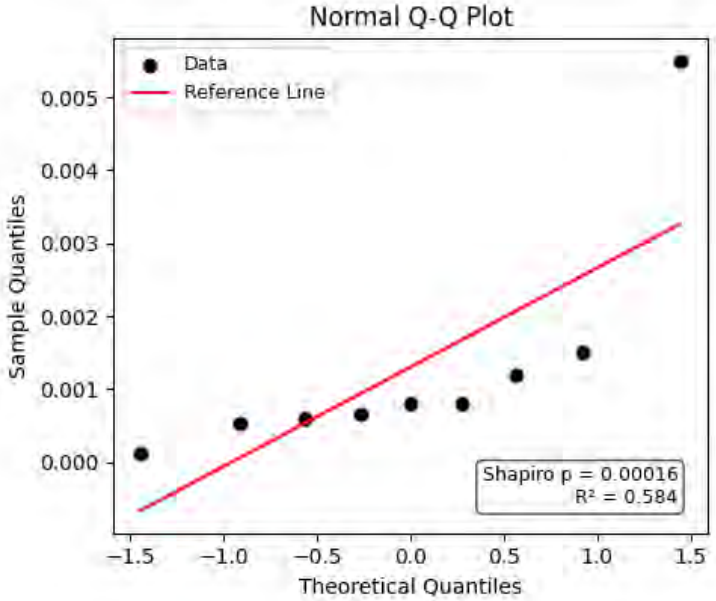
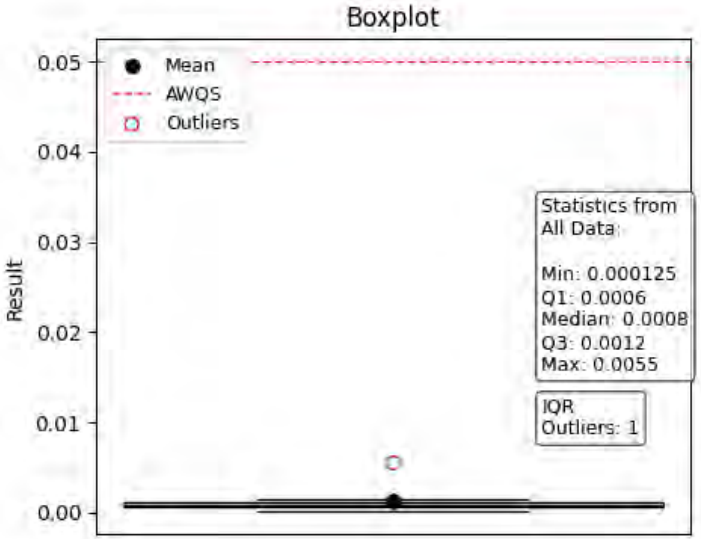
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Selenium







Well ID: POC-08
Constituent: Selenium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0013
Median = 0.0008
Min = 0.000125
Max = 0.0055
StdDev = 0.00162
95%ile = 0.0039

% Non Detects = 11.1%

Distribution = Log-Normal
UTL (norm) = 0.00622
UTL (log) = 0.017
UTL (np) = 0.0055

Trend = decreasing
MK p = 0.00594
MK s = -25

Rosner
Outliers = 1
CV% = 124.66

AWQS = 0.05 mg/L

Figure: 8.19

Copper World, Inc.
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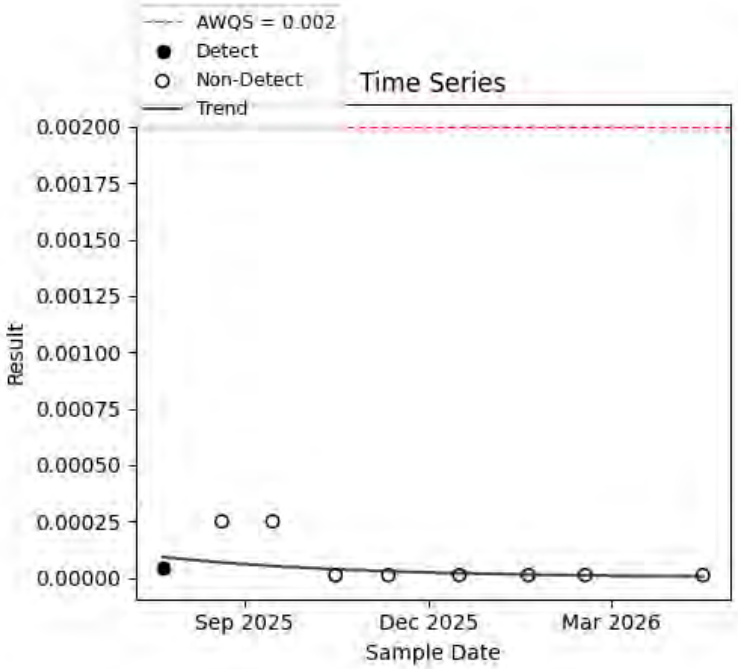
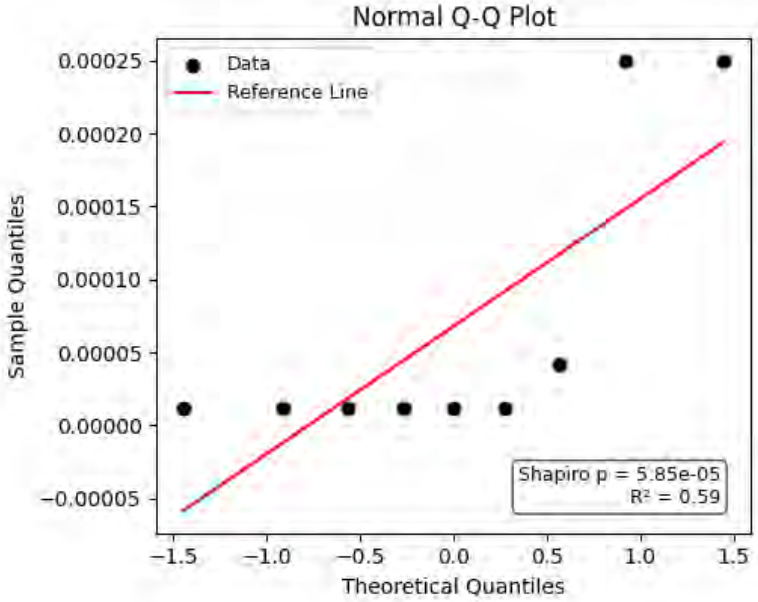
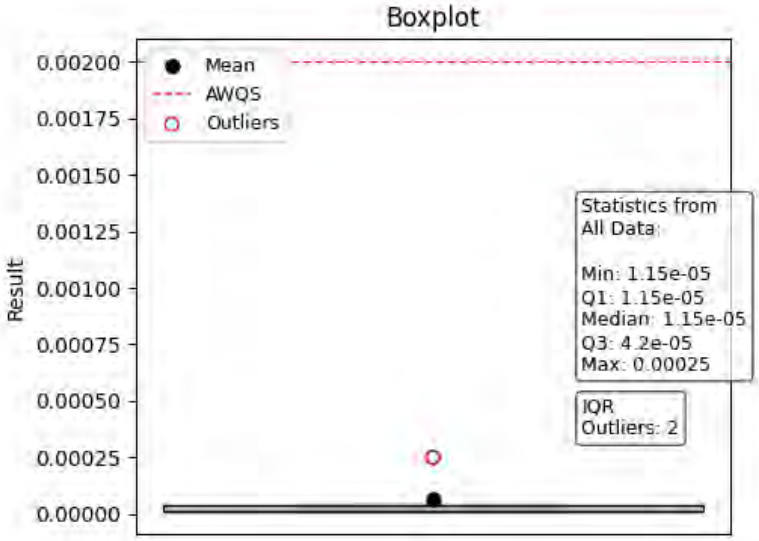
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Thallium







Well ID: POC-08
Constituent: Thallium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 6.79e-05
Median = 1.15e-05
Min = 1.15e-05
Max = 0.00025
StdDev = 0.000104
95%ile = 0.00025

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.000382
UTL (log) = 0.00155
UTL (np) = 0.00025

Trend = decreasing
MK p = 0.0291
MK s = -16

Rosner
Outliers = 0
CV% = 152.79

AWQS = 0.002 mg/L

Figure: 8.20

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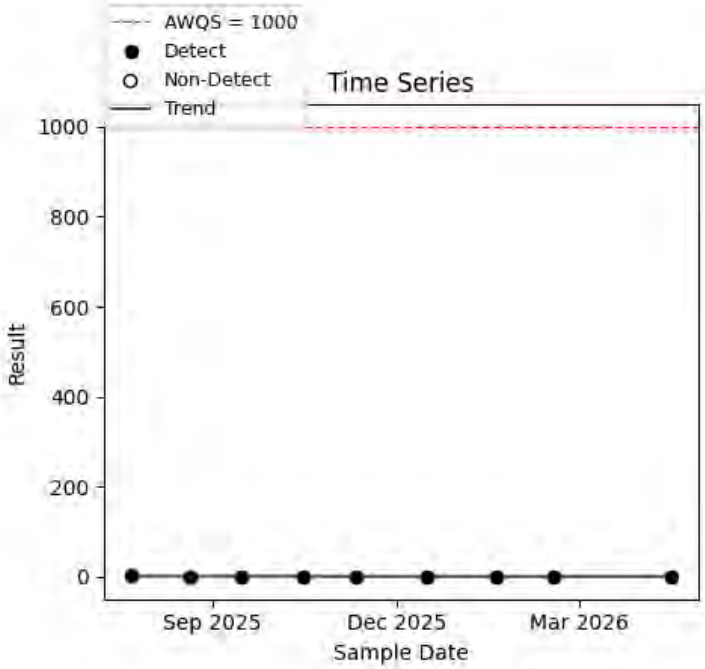
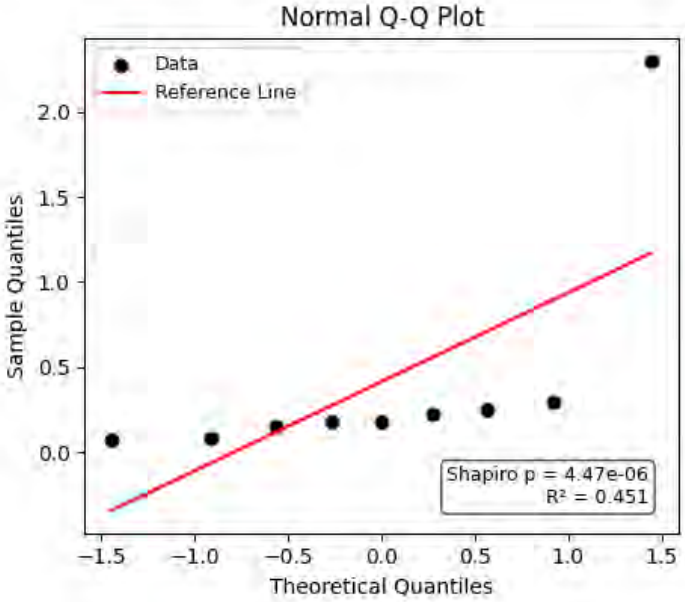
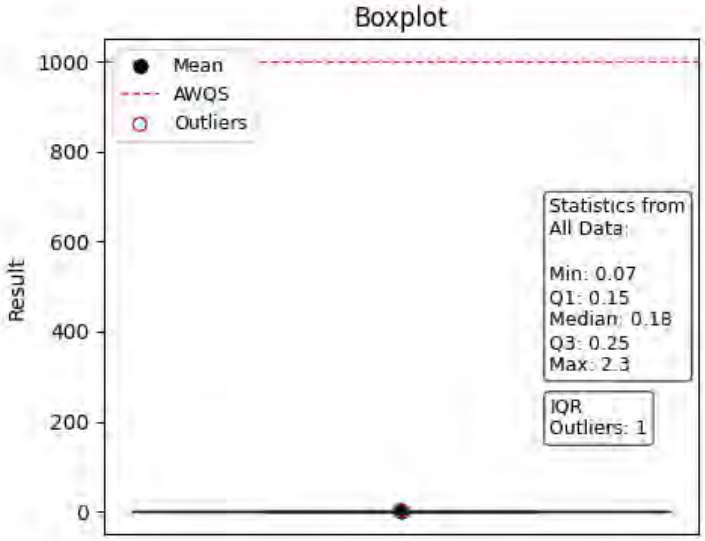
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Toluene







Well ID: POC-08
Constituent: Toluene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.414
Median = 0.18
Min = 0.07
Max = 2.3
StdDev = 0.711
95%ile = 1.5

% Non Detects = 0.0%

Distribution = Log-Normal
UTL (norm) = 2.57
UTL (log) = 4.53
UTL (np) = 2.3

Trend = decreasing
MK p = 0.0105
MK s = -23

Rosner
Outliers = 1
CV% = 171.75

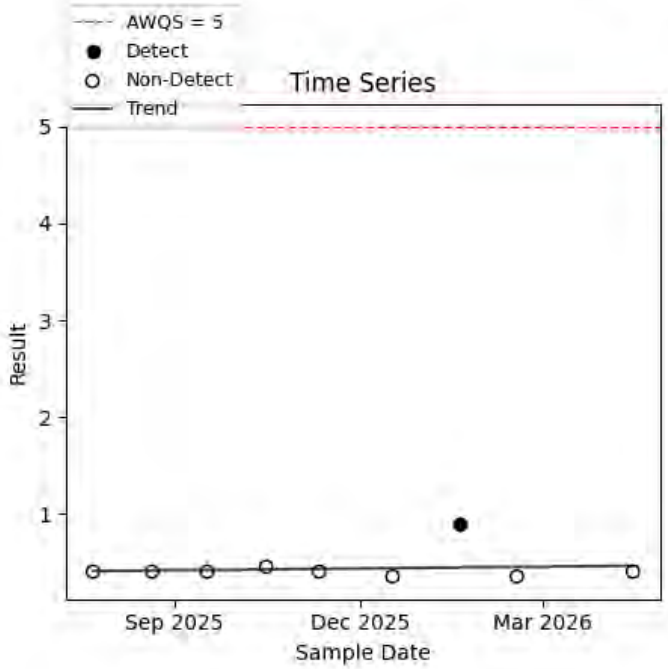
AWQS = 1e+03 ug/L

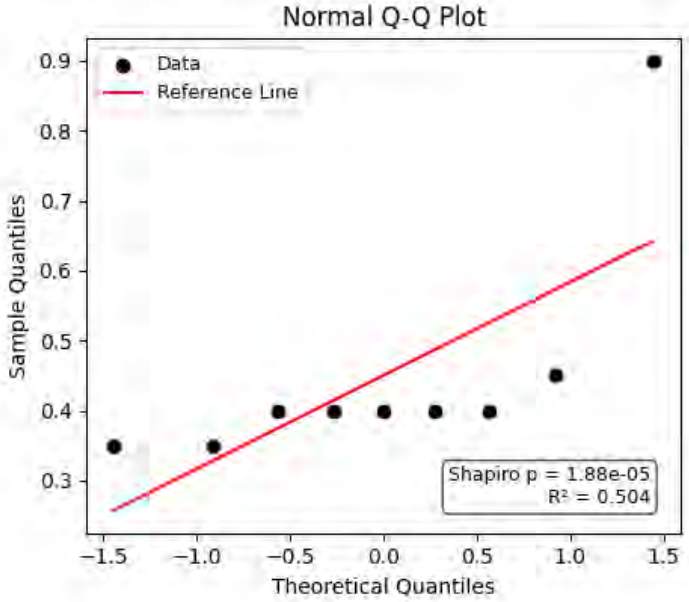
Figure: 8.21

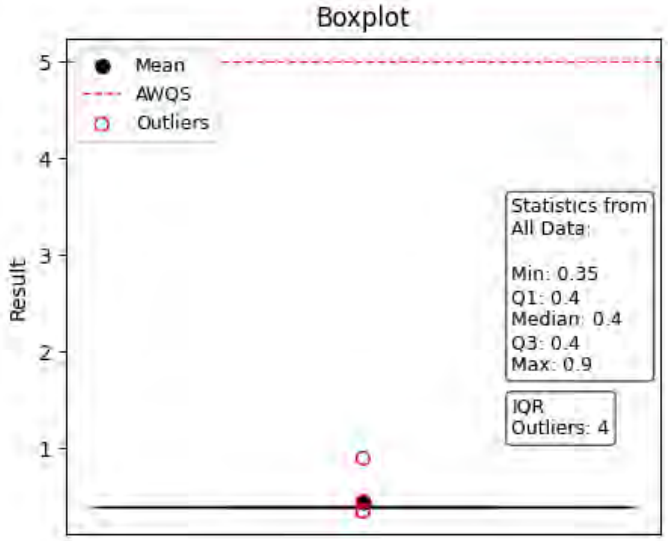
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Total Radium







Well ID: POC-08
Constituent: Total Radium
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 0.45
Median = 0.4
Min = 0.35
Max = 0.9
StdDev = 0.171
95%ile = 0.72

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.969
UTL (log) = 1.03
UTL (np) = 0.9

Trend = no trend
MK p = 0.408
MK s = -3

Rosner
Outliers = 1
CV% = 38.09

AWQS = 5 pCi/L

Figure: 8.22

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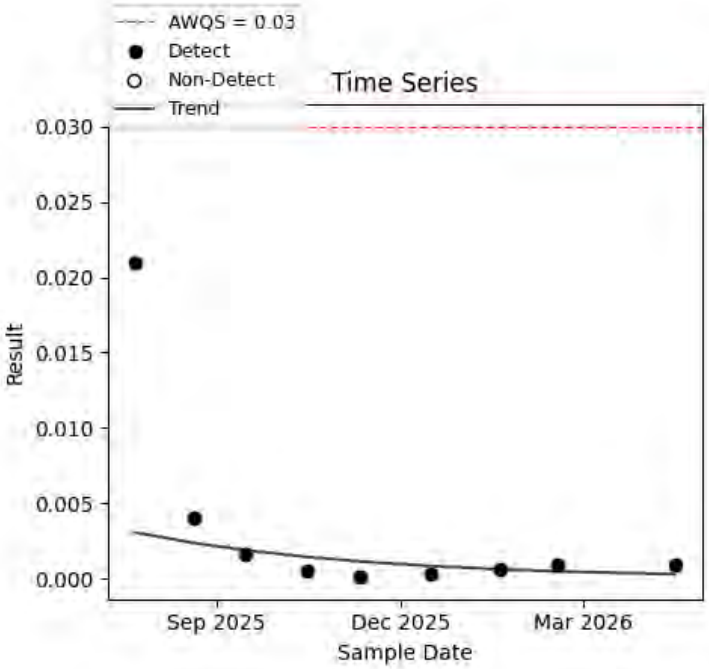
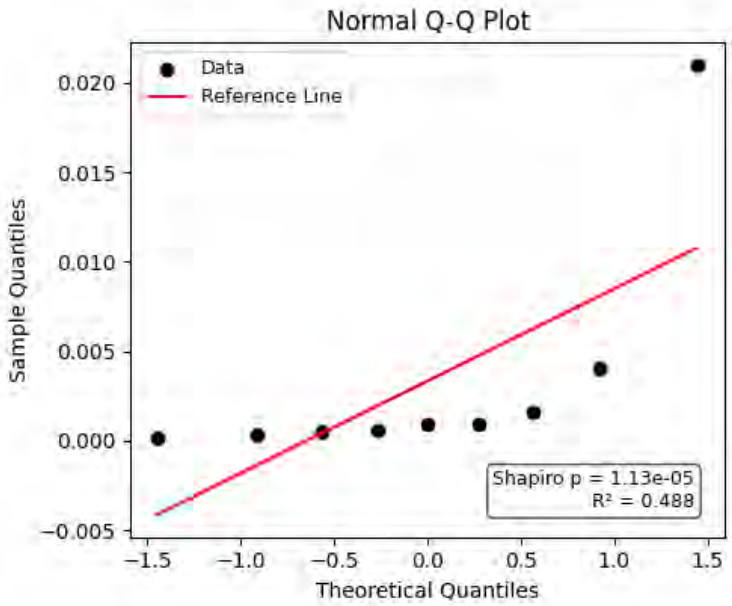
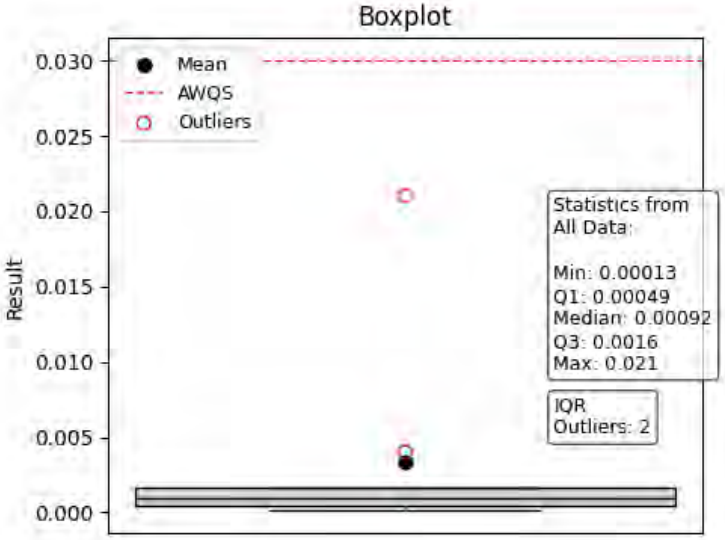
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Uranium







Well ID: POC-08
Constituent: Uranium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00333
Median = 0.00092
Min = 0.00013
Max = 0.021
StdDev = 0.00673
95%ile = 0.0142

% Non Detects = 0.0%

Distribution = Log-Normal
UTL (norm) = 0.0237
UTL (log) = 0.0938
UTL (np) = 0.021

Trend = no trend
MK p = 0.174
MK s = -10

Rosner
Outliers = 1
CV% = 201.73

AWQS = 0.03 mg/L

Figure: 8.23

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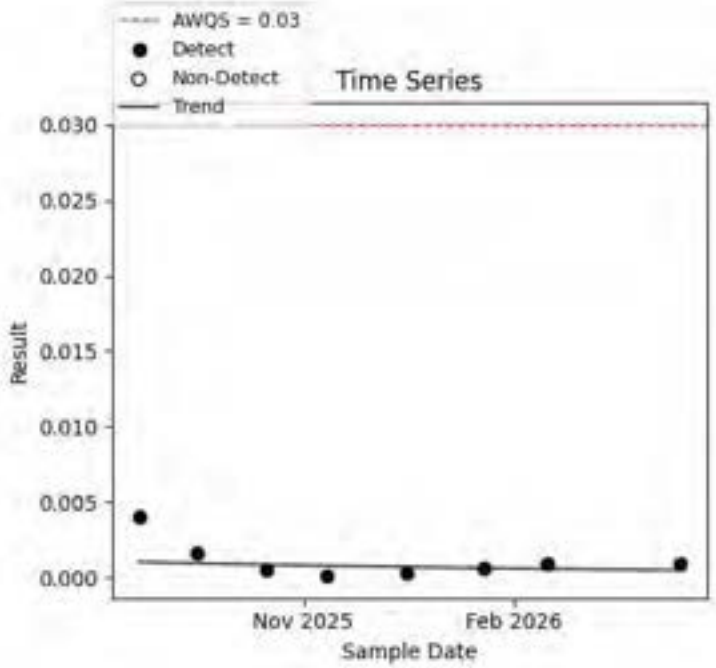
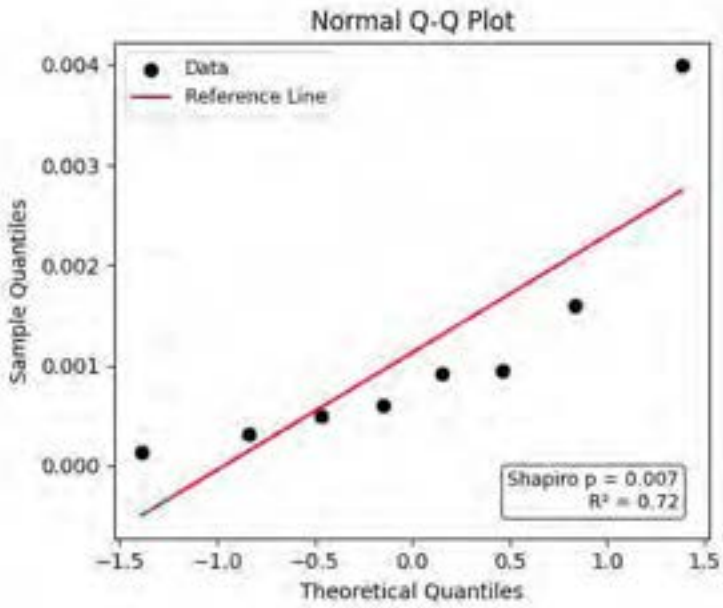
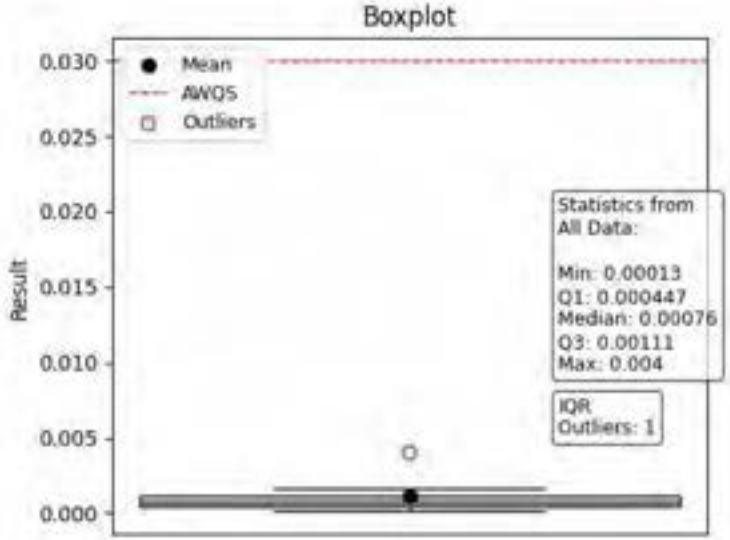
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Uranium







Well ID: POC-08
Constituent: Uranium
Units: mg/L
N = 8

Detect Only Stats:
Mean = 0.00113
Median = 0.00076
Min = 0.00013
Max = 0.004
StdDev = 0.00125
95%ile = 0.00316

% Non Detects = 0.0%

Distribution = Log-Normal
UTL (norm) = 0.0051
UTL (log) = 0.0193
UTL (np) = 0.004

Trend = no trend
MK p = 0.451
MK s = -2

Rosner
Outliers = 1
CV% = 110.70

AWQS = 0.03 mg/L

Figure: 8.23B

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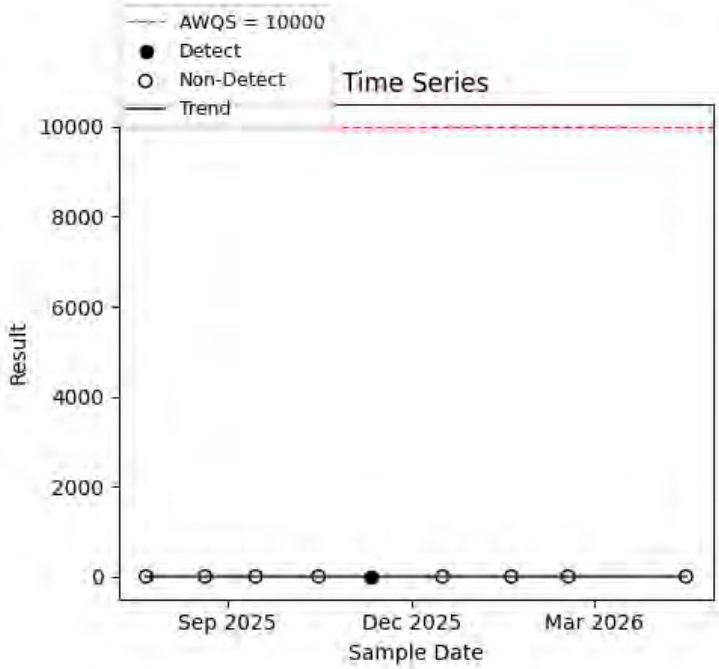
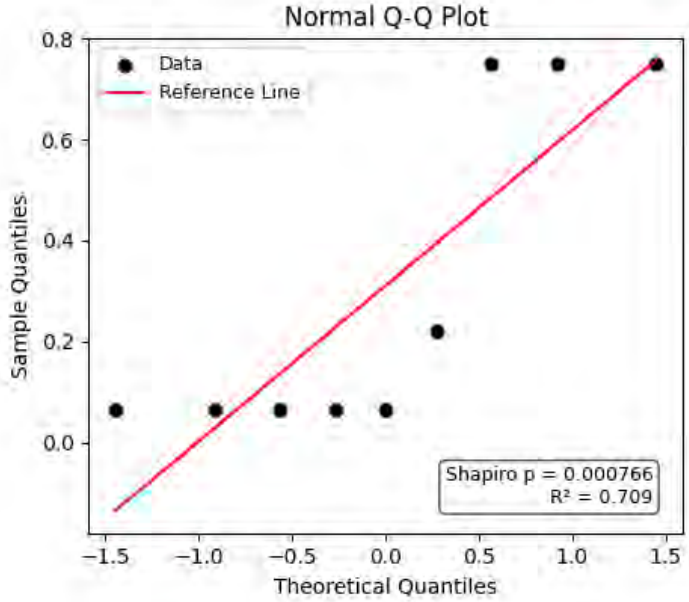
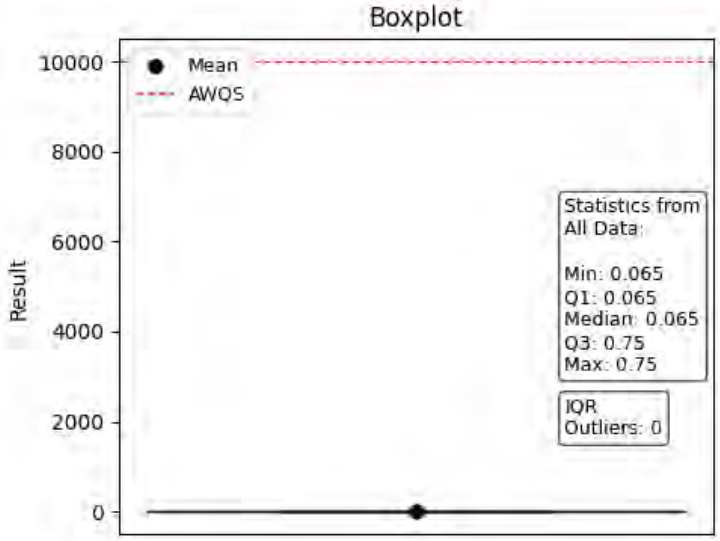
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-08 - Xylenes, Total







Well ID: POC-08
Constituent: Xylenes, Total
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.311
Median = 0.065
Min = 0.065
Max = 0.75
StdDev = 0.333
95%ile = 0.75

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 1.32
UTL (log) = 6.17
UTL (np) = 0.75

Trend = decreasing
MK p = 0.00908
MK s = -21

Rosner
Outliers = 0
CV% = 107.34

AWQS = 1e+04 ug/L

Figure: 8.24

Copper World, Inc.
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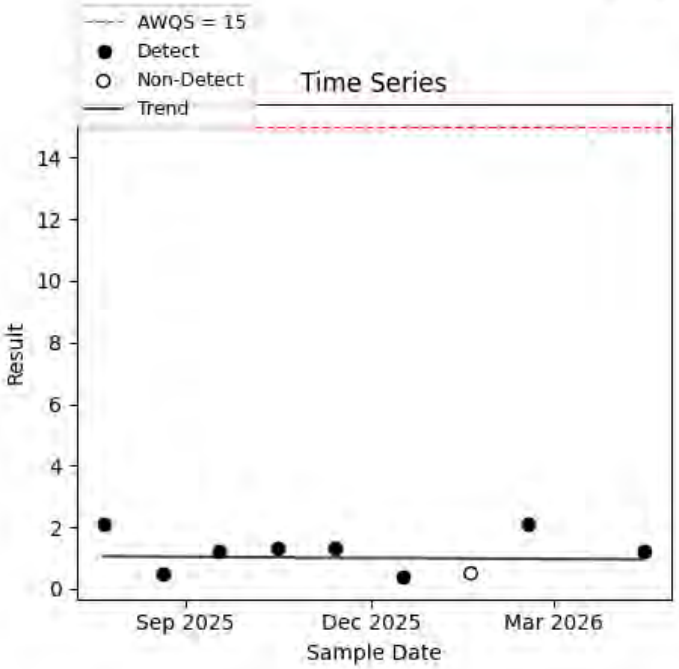
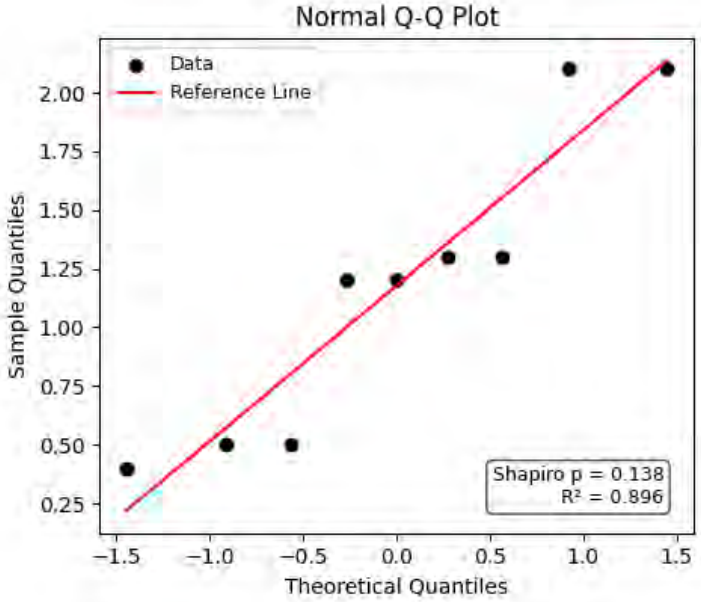
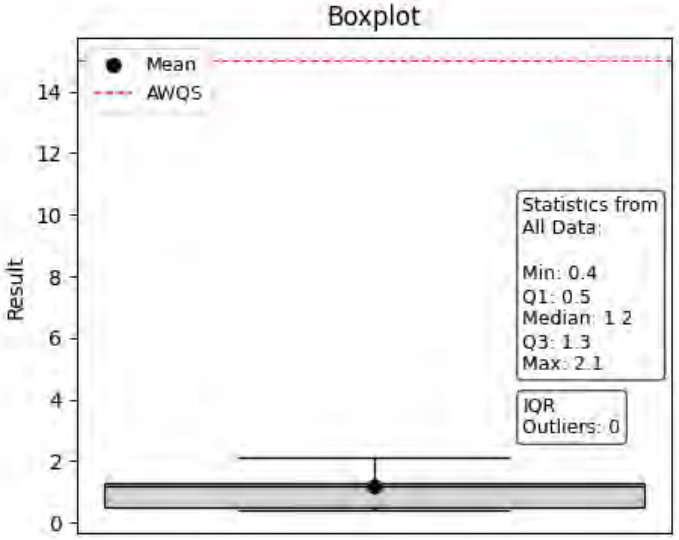
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Adjusted Gross Alpha







Well ID: POC-09
Constituent: Adjusted Gross Alpha
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 1.18
Median = 1.2
Min = 0.4
Max = 2.1
StdDev = 0.638
95%ile = 2.1

% Non Detects = 11.1%

Distribution = Normal
UTL (norm) = 3.11
UTL (log) = 6.66
UTL (np) = 2.1

Trend = no trend
MK p = 0.458
MK s = -2

Rosner
Outliers = 0
CV% = 54.16

AWQS = 15 pCi/L

Figure: 9.1

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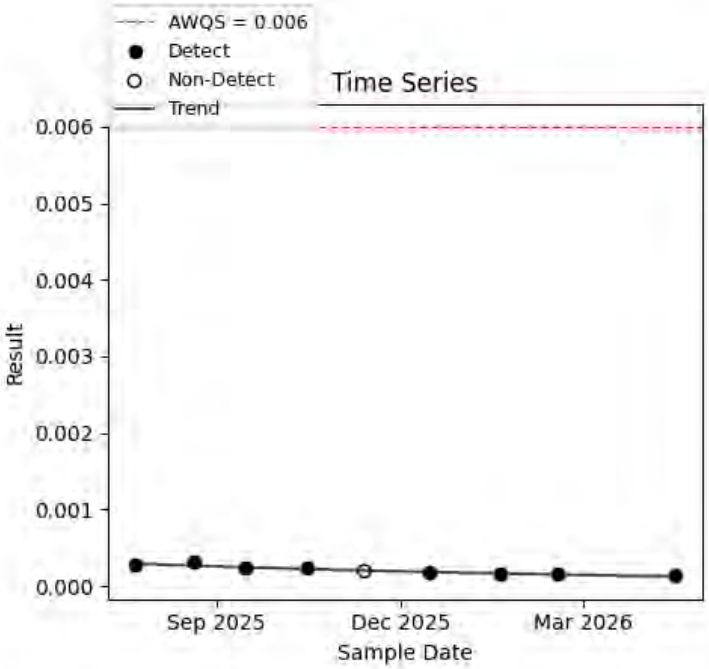
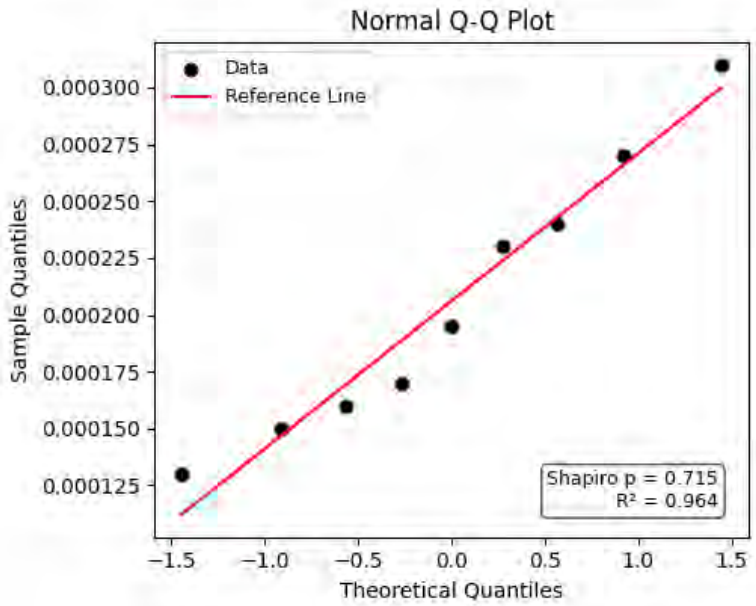
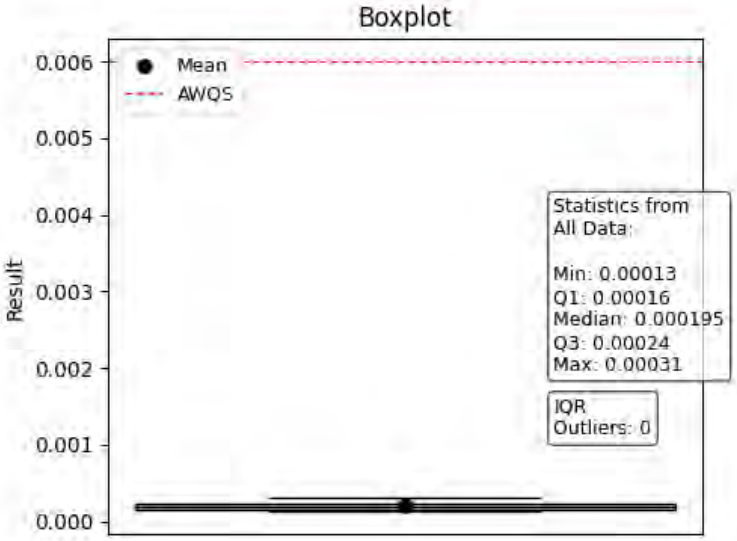
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Antimony







Well ID: POC-09
Constituent: Antimony
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000206
Median = 0.000195
Min = 0.00013
Max = 0.00031
StdDev = 6.03e-05
95%ile = 0.000294

% Non Detects = 11.1%

Distribution = Normal
UTL (norm) = 0.000389
UTL (log) = 0.00048
UTL (np) = 0.00031

Trend = decreasing
MK p = 0.000615
MK s = -32

Rosner
Outliers = 0
CV% = 29.26

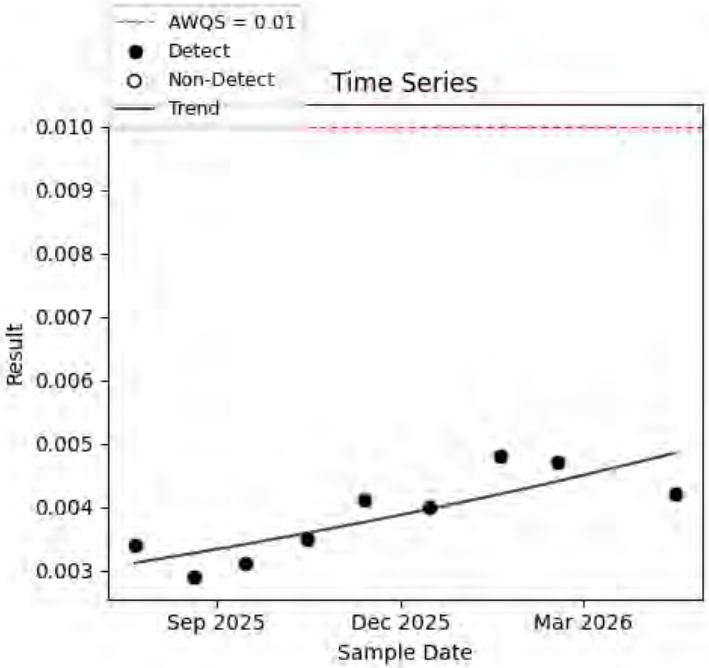
AWQS = 0.006 mg/L

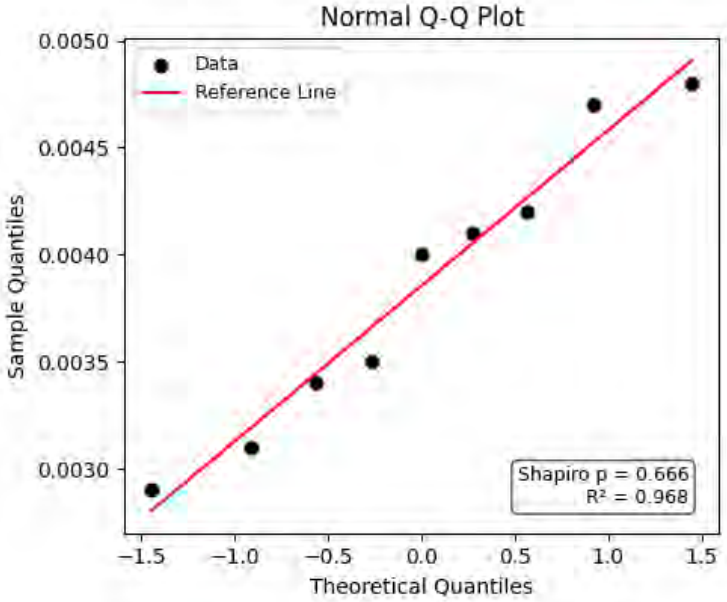
Figure: 9.2

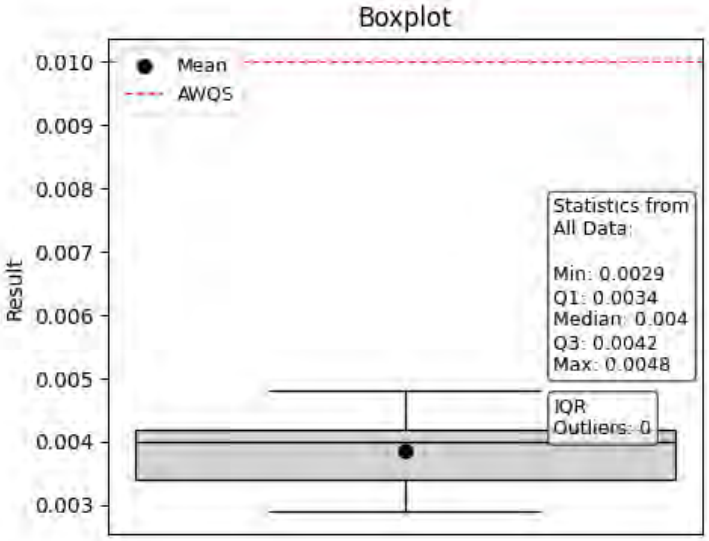
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Arsenic







Well ID: POC-09
Constituent: Arsenic
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00386
Median = 0.004
Min = 0.0029
Max = 0.0048
StdDev = 0.000673
95%ile = 0.00476

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0059
UTL (log) = 0.00651
UTL (np) = 0.0048

Trend = increasing
MK p = 0.00824
MK s = 24

Rosner
Outliers = 0
CV% = 17.45

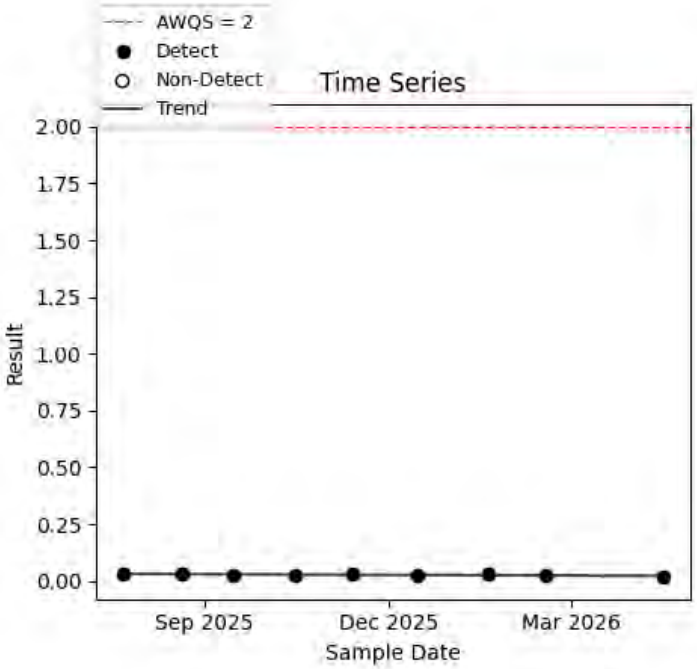
AWQS = 0.01 mg/L

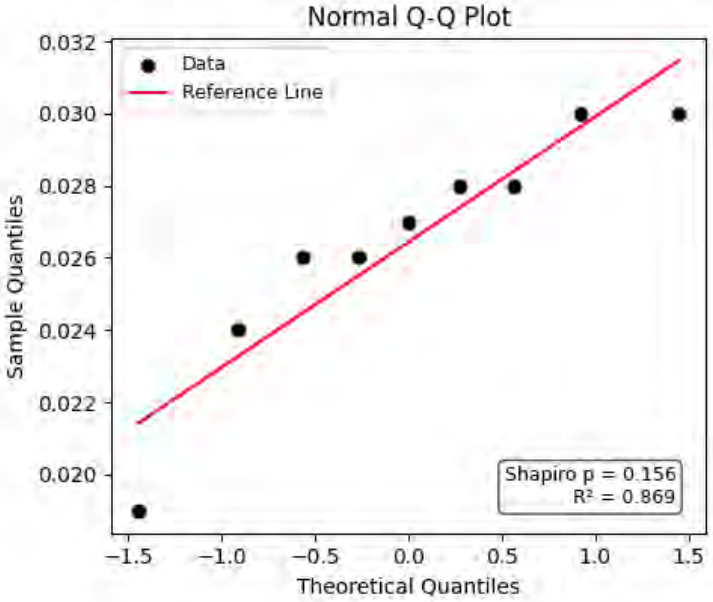
Figure: 9.3

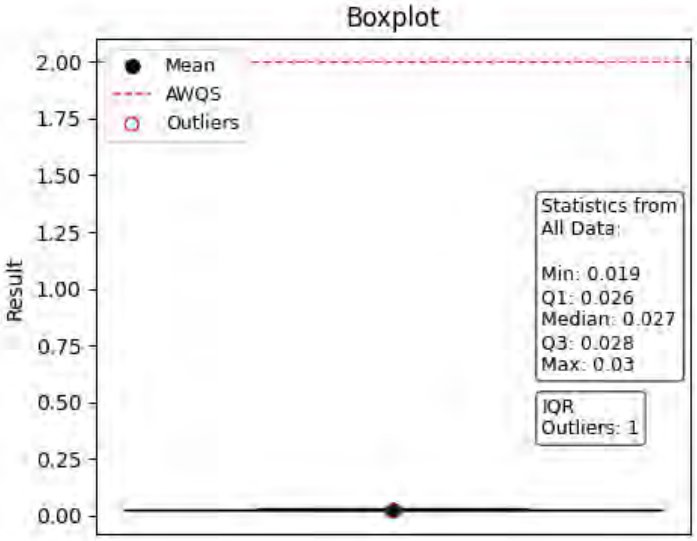
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Barium







Well ID: POC-09
Constituent: Barium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0264
Median = 0.027
Min = 0.019
Max = 0.03
StdDev = 0.0034
95%ile = 0.03

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0367
UTL (log) = 0.0401
UTL (np) = 0.03

Trend = decreasing
MK p = 0.0282
MK s = -19

Rosner
Outliers = 0
CV% = 12.84

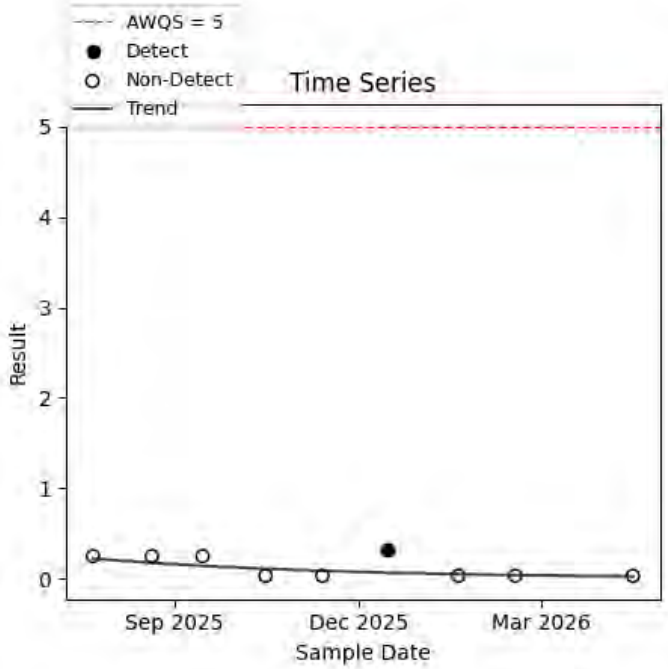
AWQS = 2 mg/L

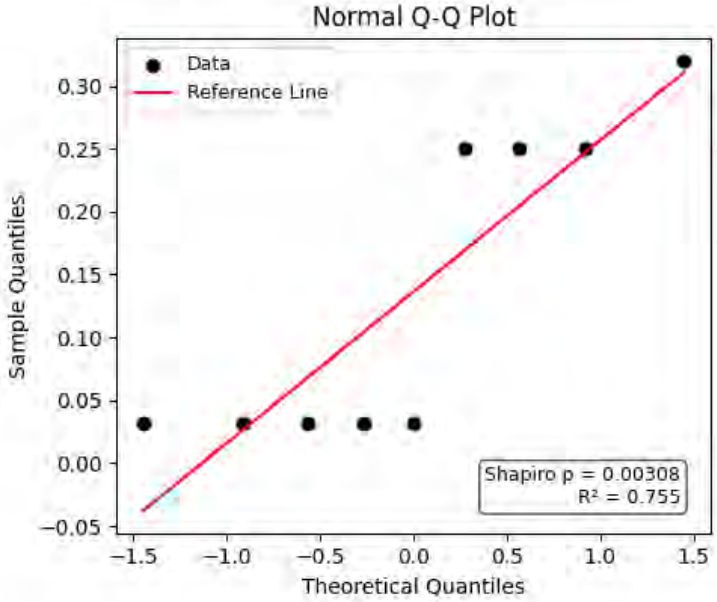
Figure: 9.4

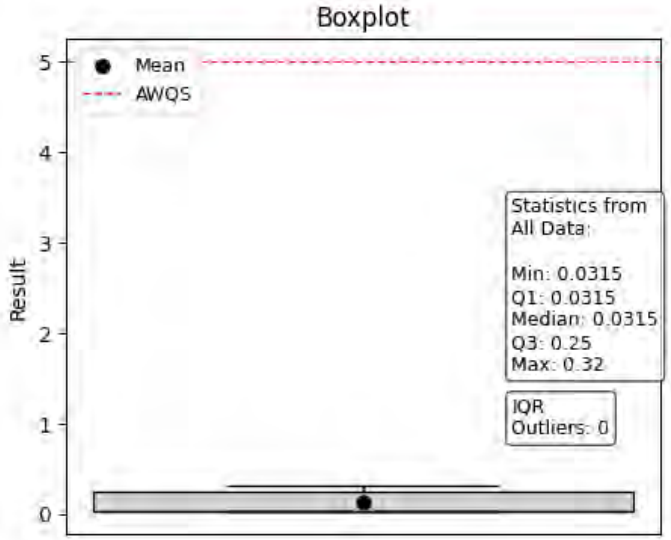
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Benzene







Well ID: POC-09
Constituent: Benzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.136
Median = 0.0315
Min = 0.0315
Max = 0.32
StdDev = 0.126
95%ile = 0.292

% Non Detects = 88.9%

Distribution = Normal
UTL (norm) = 0.519
UTL (log) = 2.47
UTL (np) = 0.32

Trend = no trend
MK p = 0.0782
MK s = -13

Rosner
Outliers = 0
CV% = 92.54

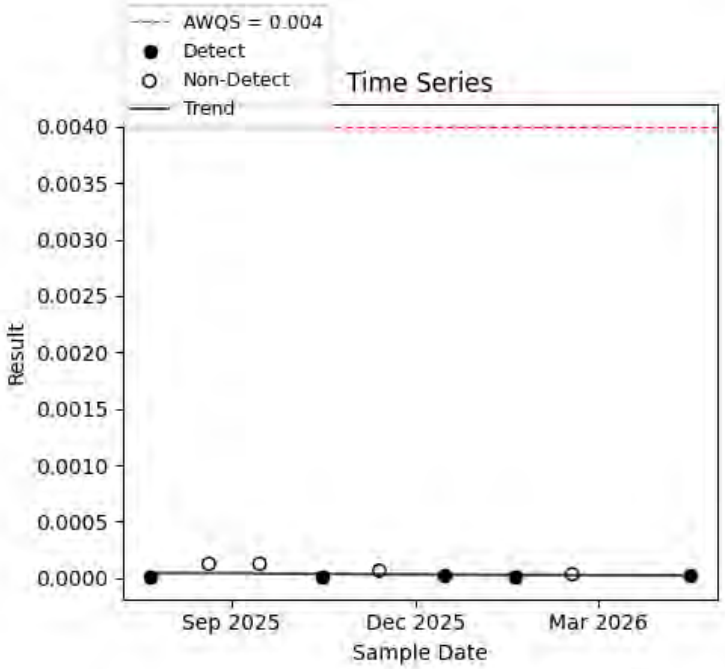
AWQS = 5 ug/L

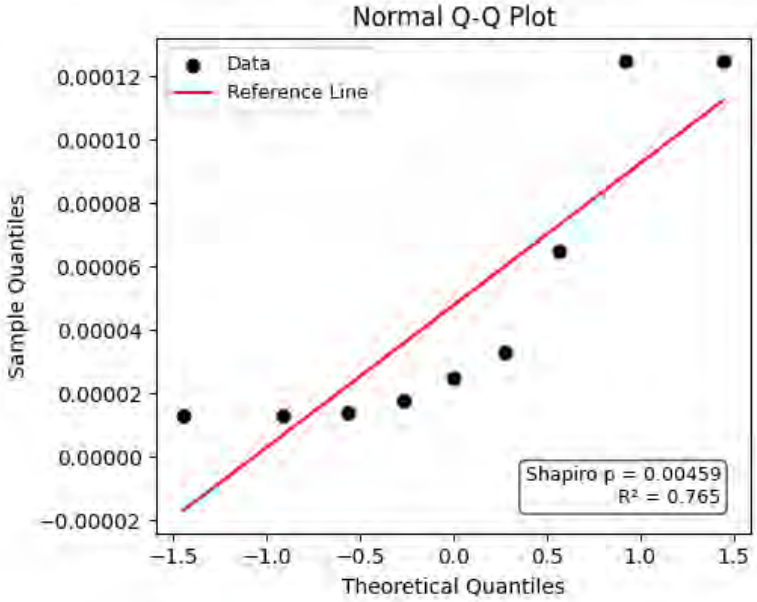
Figure: 9.5

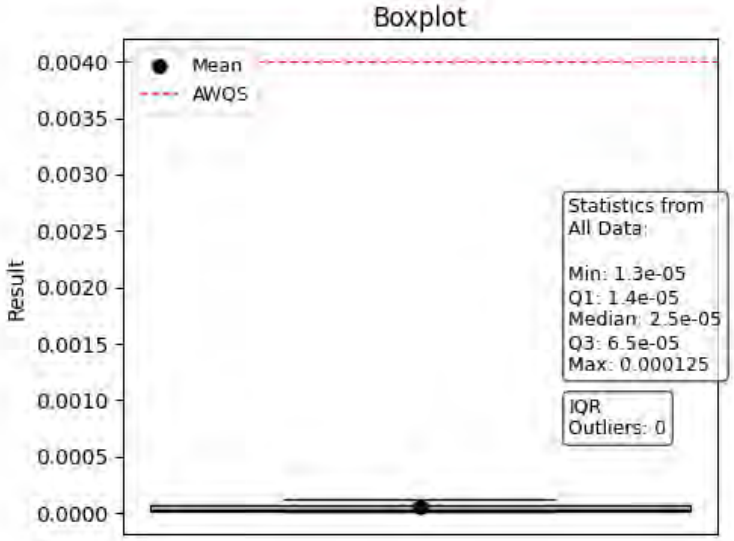
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Beryllium







Well ID: POC-09
Constituent: Beryllium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 4.79e-05
Median = 2.5e-05
Min = 1.3e-05
Max = 0.000125
StdDev = 4.66e-05
95%ile = 0.000125

% Non Detects = 44.4%

Distribution = Normal
UTL (norm) = 0.000189
UTL (log) = 0.000537
UTL (np) = 0.000125

Trend = no trend
MK p = 0.376
MK s = -4

Rosner
Outliers = 0
CV% = 97.40

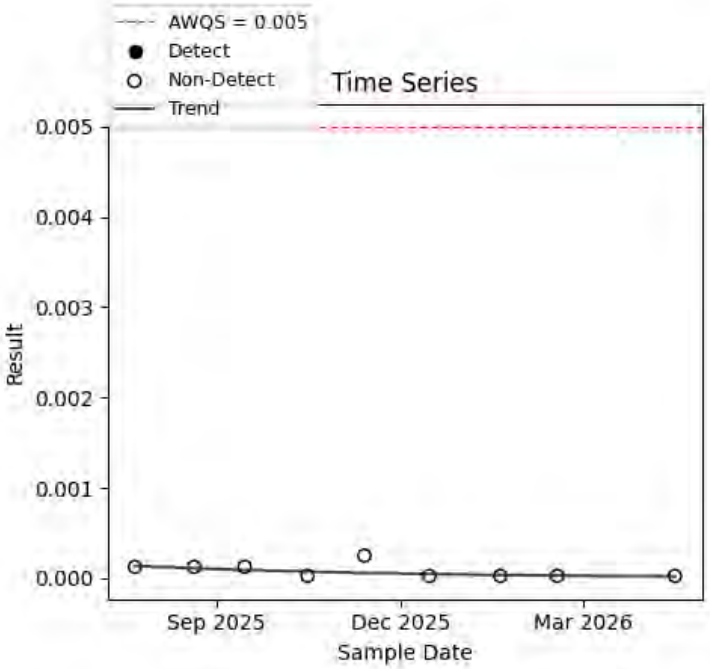
AWQS = 0.004 mg/L

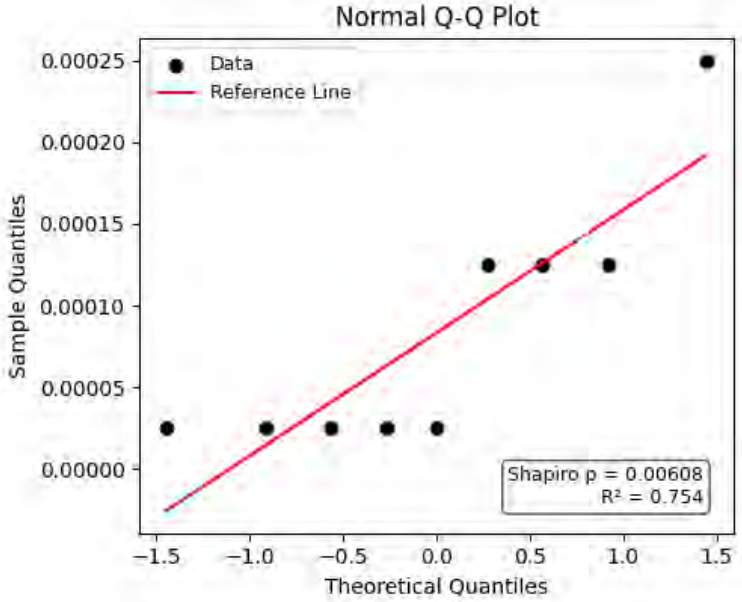
Figure: 9.6

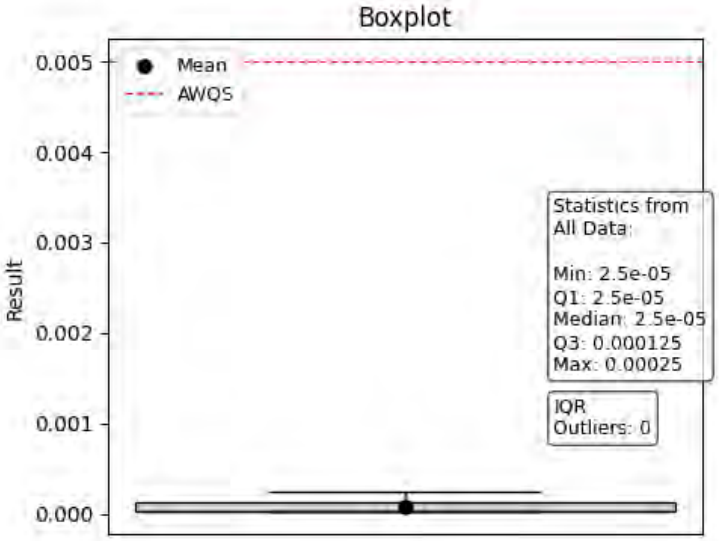
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Cadmium







Well ID: POC-09
Constituent: Cadmium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 8.33e-05
Median = 2.5e-05
Min = 2.5e-05
Max = 0.00025
StdDev = 7.91e-05
95%ile = 0.0002

% Non Detects = 100.0%

Distribution = Normal
UTL (norm) = 0.000323
UTL (log) = 0.00102
UTL (np) = 0.00025

Trend = decreasing
MK p = 0.0491
MK s = -15

Rosner
Outliers = 0
CV% = 94.87

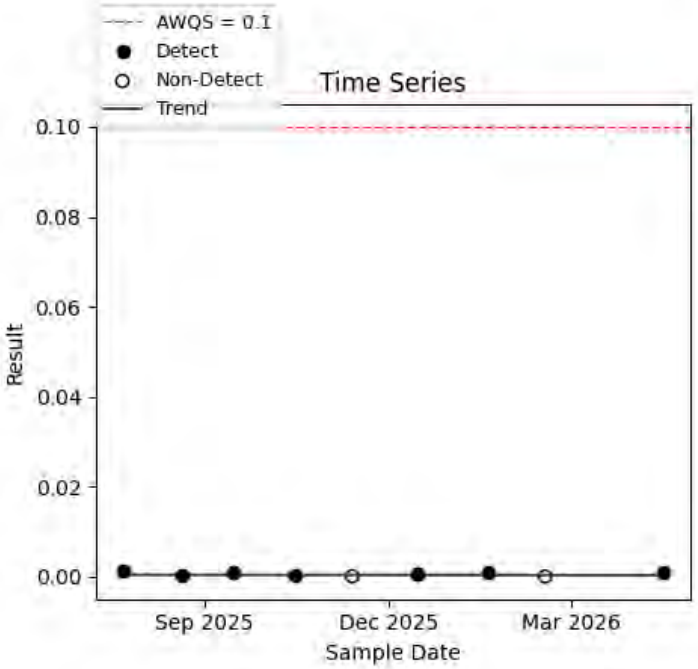
AWQS = 0.005 mg/L

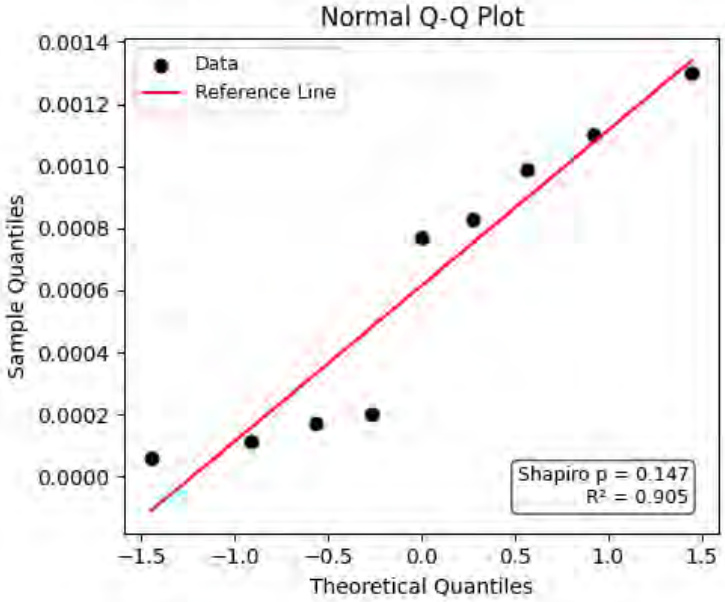
Figure: 9.7

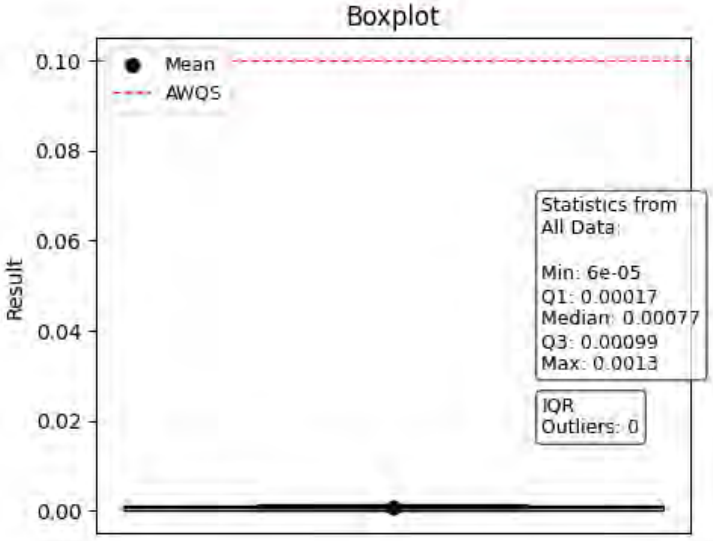
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Chromium







Well ID: POC-09
Constituent: Chromium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000615
Median = 0.00077
Min = 6e-05
Max = 0.0013
StdDev = 0.00048
95%ile = 0.00122

% Non Detects = 22.2%

Distribution = Normal
UTL (norm) = 0.00207
UTL (log) = 0.0127
UTL (np) = 0.0013

Trend = no trend
MK p = 0.301
MK s = -6

Rosner
Outliers = 0
CV% = 78.06

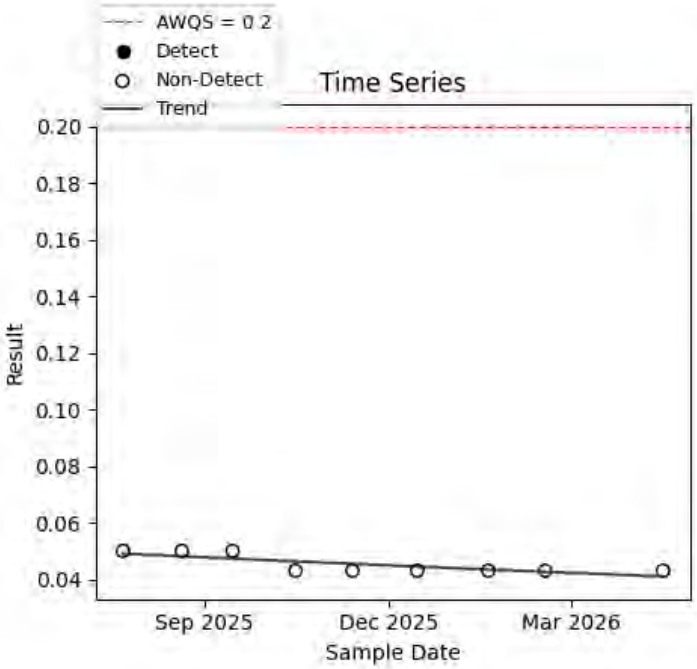
AWQS = 0.1 mg/L

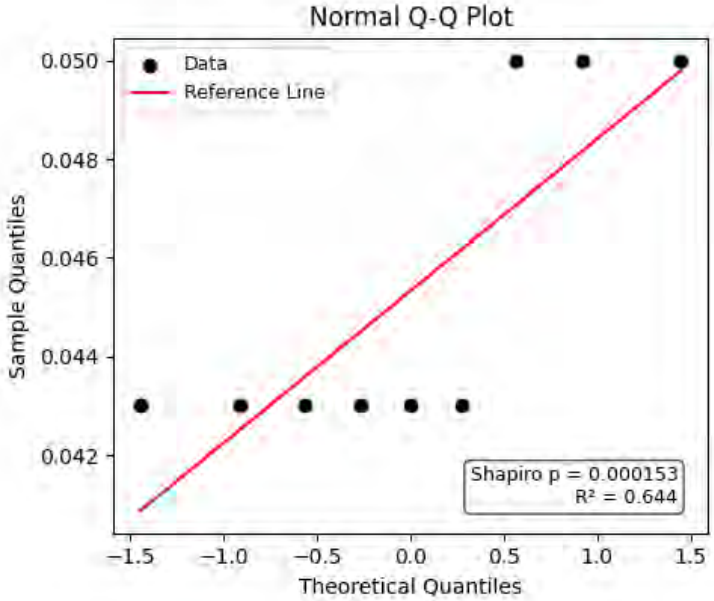
Figure: 9.8

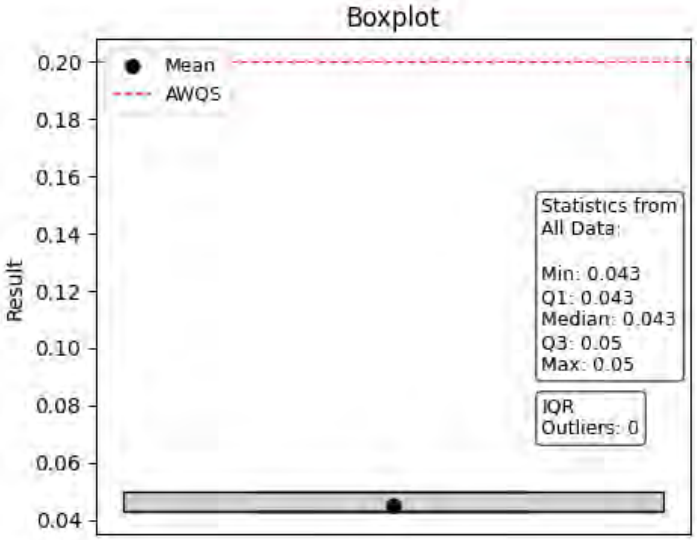
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Cyanide







Well ID: POC-09
Constituent: Cyanide
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0453
Median = 0.043
Min = 0.043
Max = 0.05
StdDev = 0.0035
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0559
UTL (log) = 0.0568
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 7.72

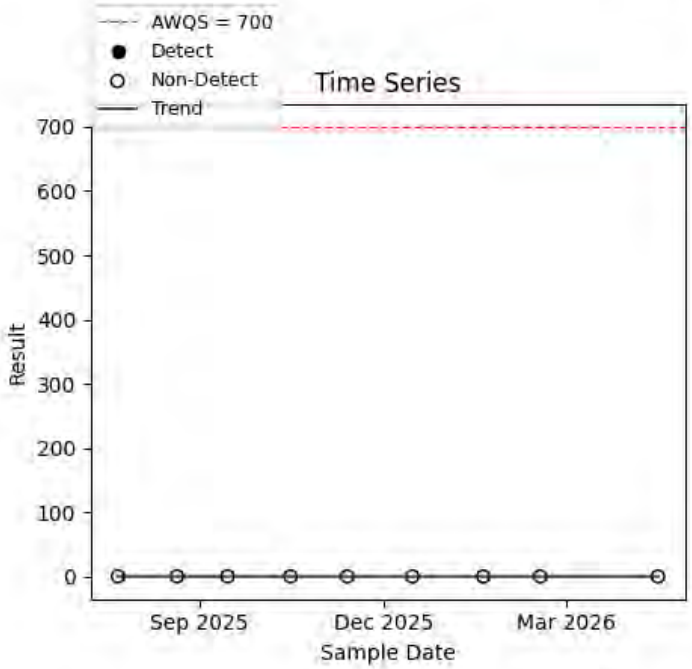
AWQS = 0.2 mg/L

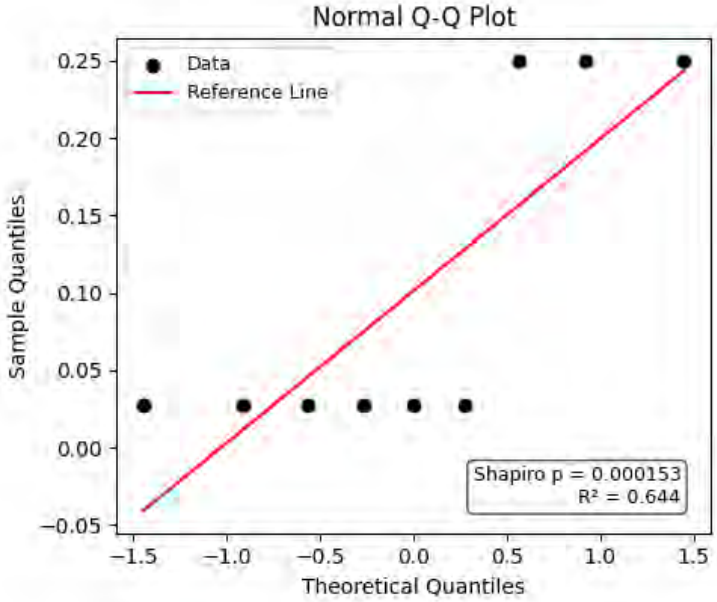
Figure: 9.9

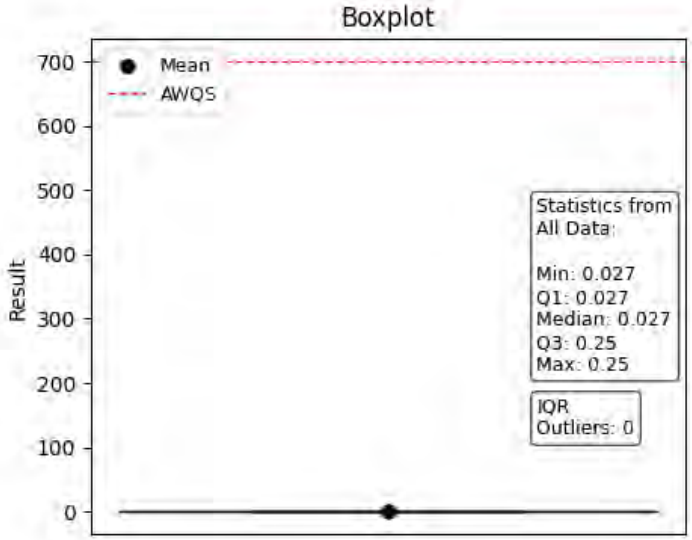
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Ethylbenzene







Well ID: POC-09
Constituent: Ethylbenzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.101
Median = 0.027
Min = 0.027
Max = 0.25
StdDev = 0.112
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.439
UTL (log) = 1.65
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 110.03

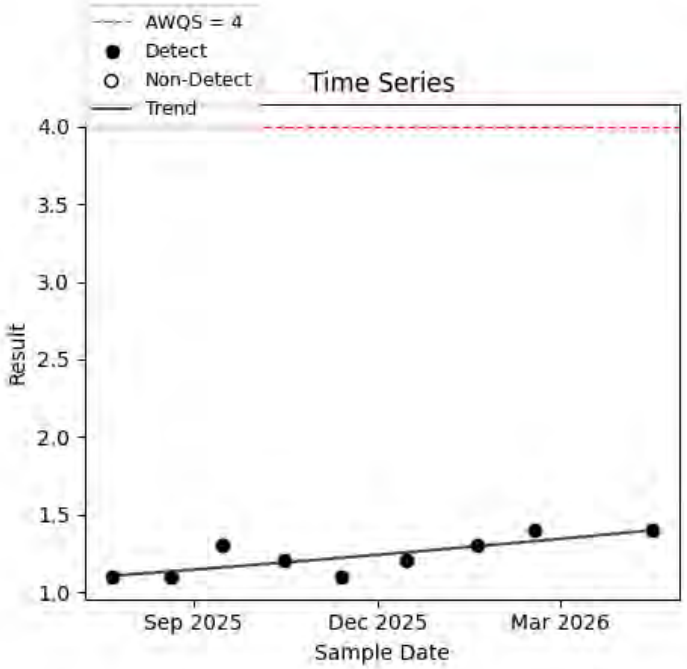
AWQS = 700 ug/L

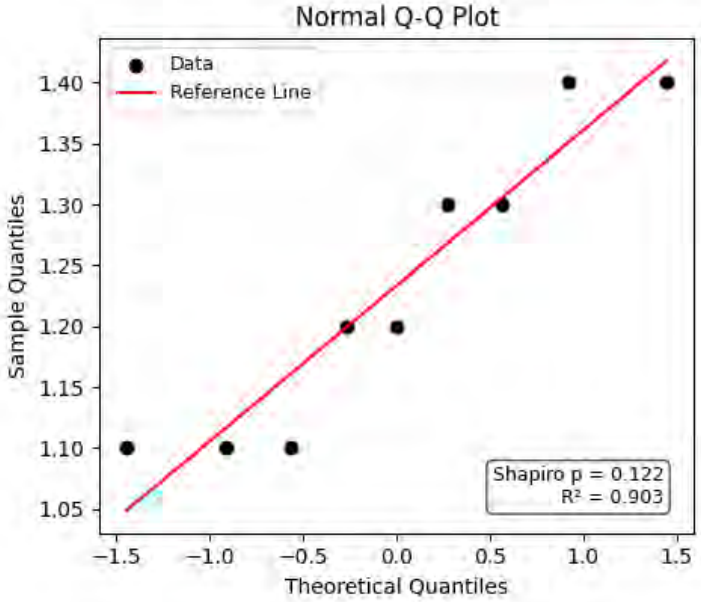
Figure: 9.10

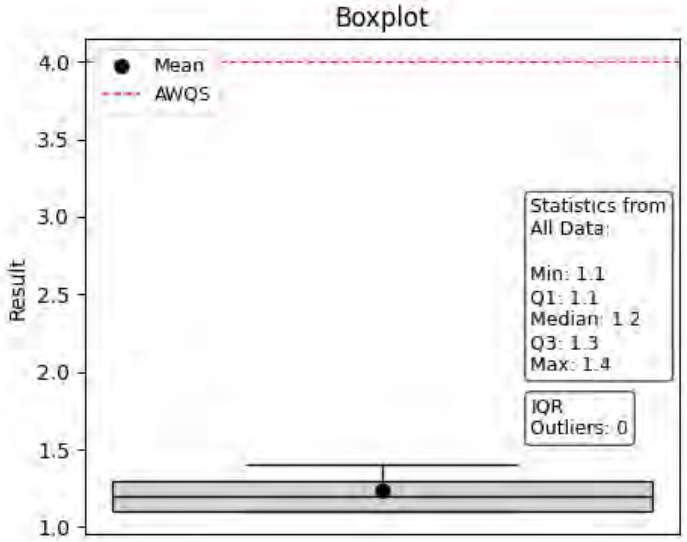
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Fluoride







Well ID: POC-09
Constituent: Fluoride
Units: mg/L
N = 9

Detect Only Stats:
Mean = 1.23
Median = 1.2
Min = 1.1
Max = 1.4
StdDev = 0.122
95%ile = 1.4

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 1.6
UTL (log) = 1.66
UTL (np) = 1.4

Trend = increasing
MK p = 0.0115
MK s = 22

Rosner
Outliers = 0
CV% = 9.93

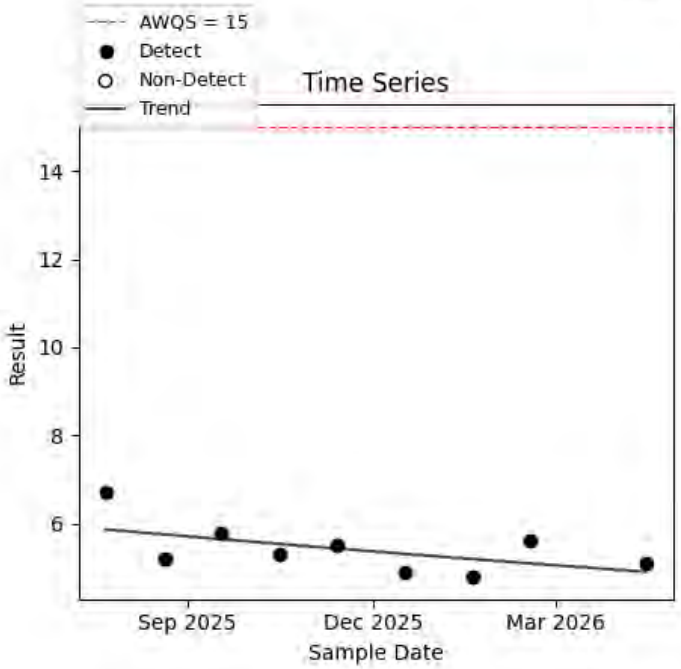
AWQS = 4 mg/L

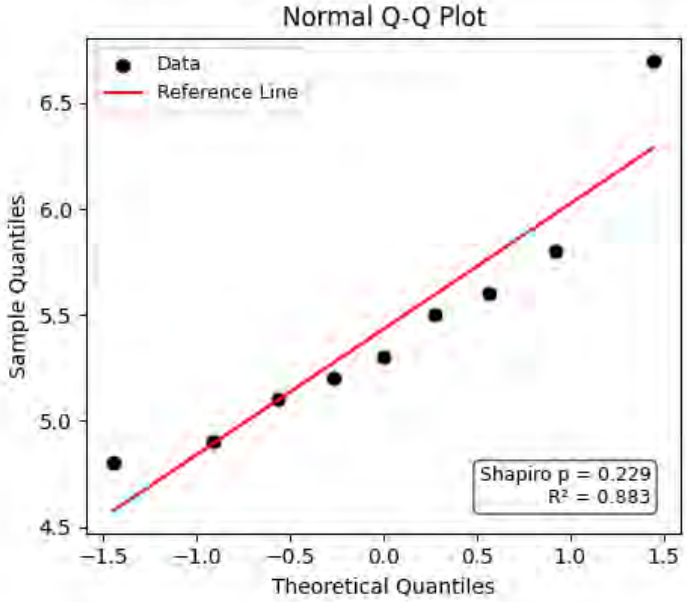
Figure: 9.11

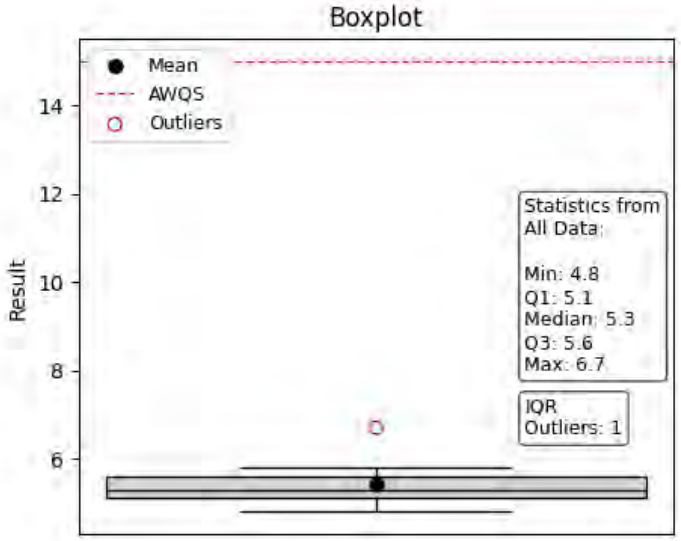
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Gross Alpha Activity







Well ID: POC-09
Constituent: Gross Alpha Activity
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 5.43
Median = 5.3
Min = 4.8
Max = 6.7
StdDev = 0.574
95%ile = 6.34

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 7.17
UTL (log) = 7.35
UTL (np) = 6.7

Trend = no trend
MK p = 0.0877
MK s = -14

Rosner
Outliers = 0
CV% = 10.57

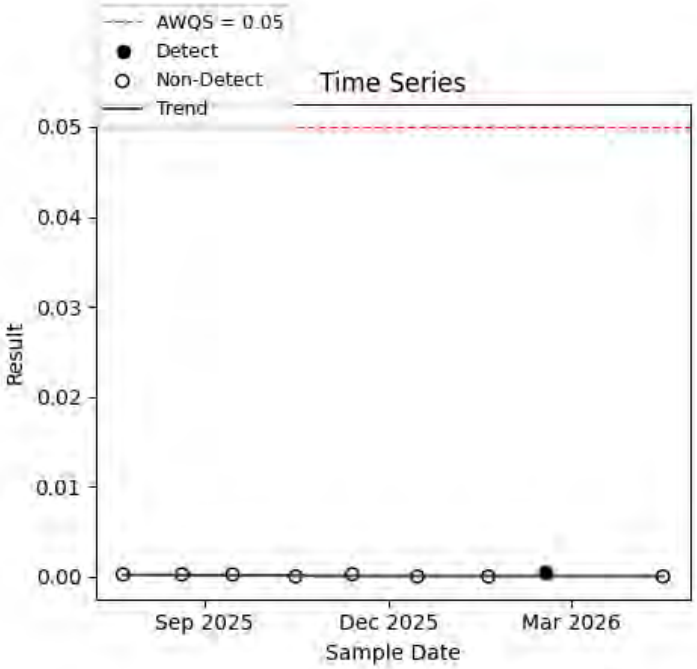
AWQS = 15 pCi/L

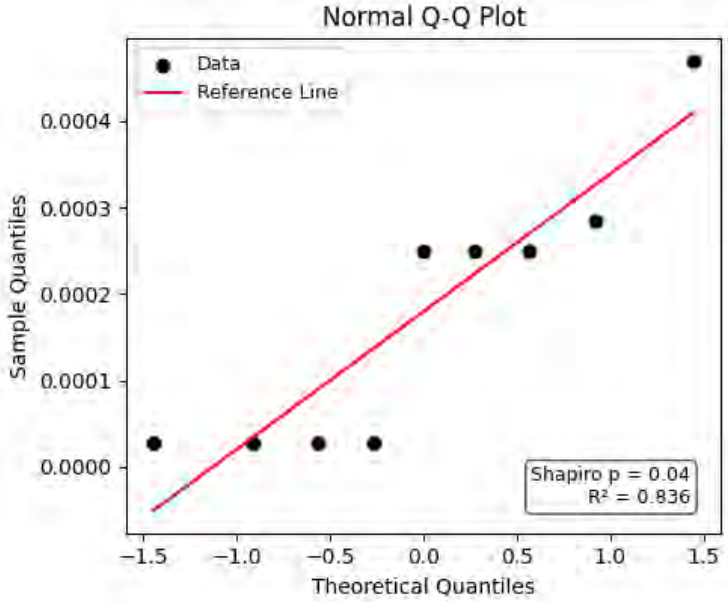
Figure: 9.12

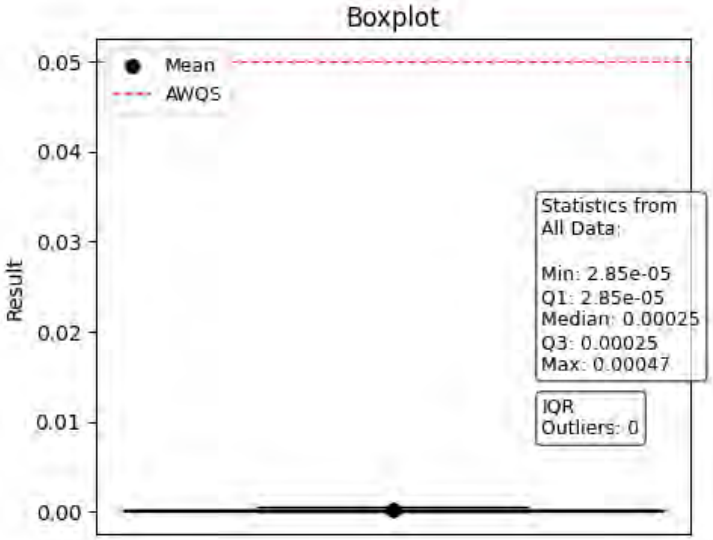
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Lead







Well ID: POC-09
Constituent: Lead
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00018
Median = 0.00025
Min = 2.85e-05
Max = 0.00047
StdDev = 0.000159
95%ile = 0.000396

% Non Detects = 88.9%

Distribution = Normal
UTL (norm) = 0.000661
UTL (log) = 0.00445
UTL (np) = 0.00047

Trend = no trend
MK p = 0.327
MK s = -5

Rosner
Outliers = 0
CV% = 88.25

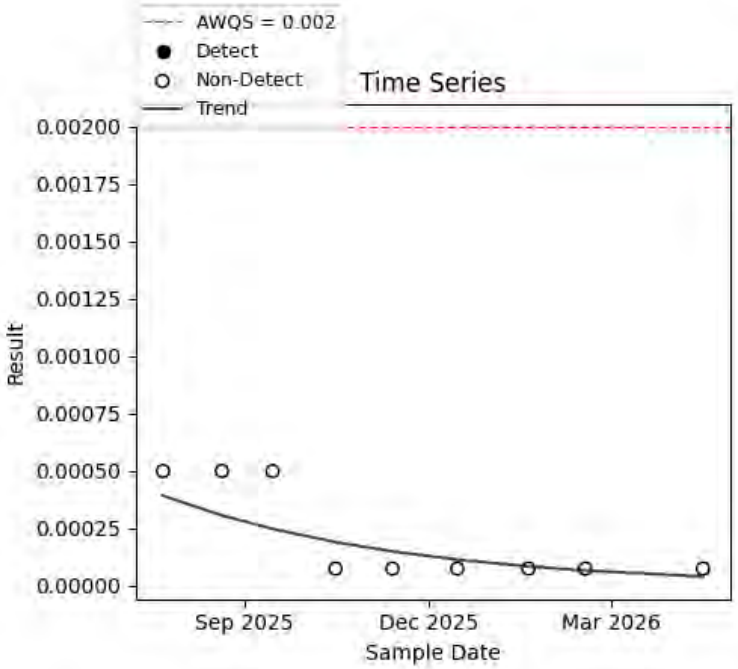
AWQS = 0.05 mg/L

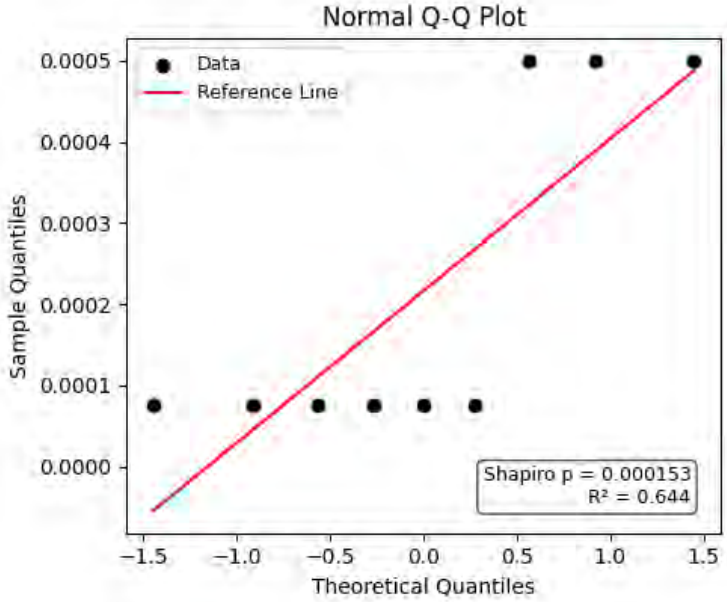
Figure: 9.13

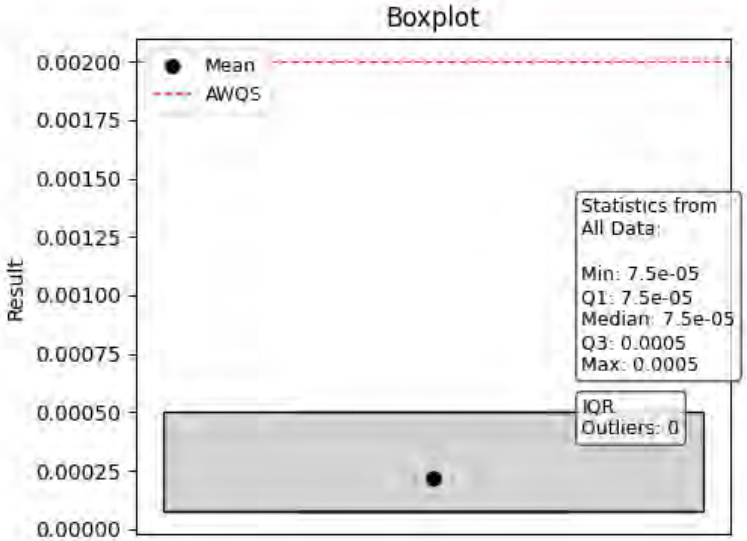
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Mercury







Well ID: POC-09
Constituent: Mercury
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000217
Median = 7.5e-05
Min = 7.5e-05
Max = 0.0005
StdDev = 0.000213
95%ile = 0.0005

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.000861
UTL (log) = 0.0025
UTL (np) = 0.0005

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 98.08

AWQS = 0.002 mg/L

Figure: 9.14

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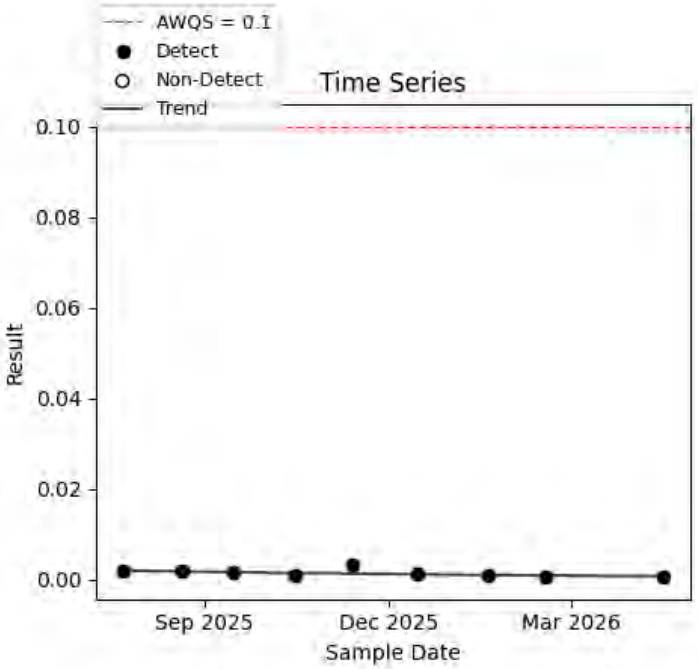
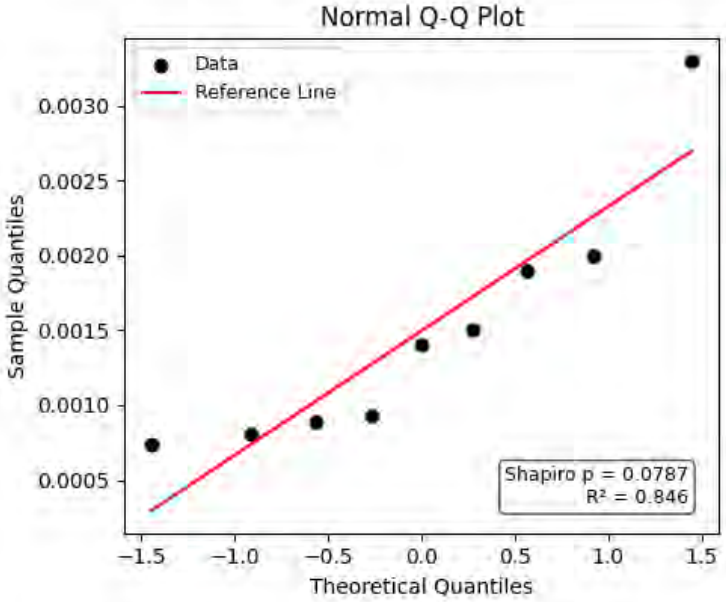
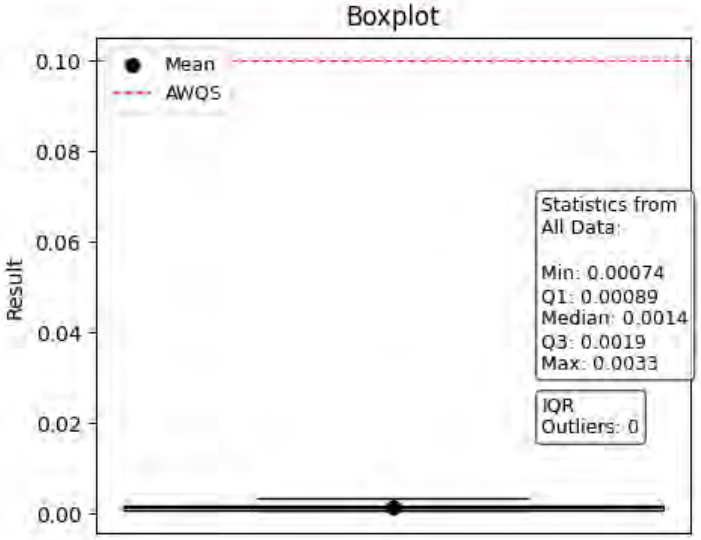
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Nickel







Well ID: POC-09
Constituent: Nickel
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0015
Median = 0.0014
Min = 0.00074
Max = 0.0033
StdDev = 0.000822
95%ile = 0.00278

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00399
UTL (log) = 0.00609
UTL (np) = 0.0033

Trend = decreasing
MK p = 0.0238
MK s = -20

Rosner
Outliers = 0
CV% = 54.95

AWQS = 0.1 mg/L

Figure: 9.15

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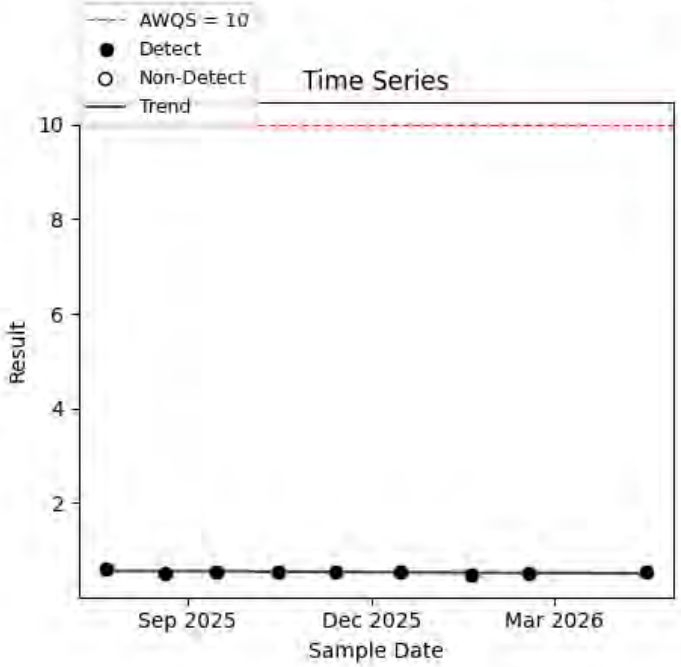
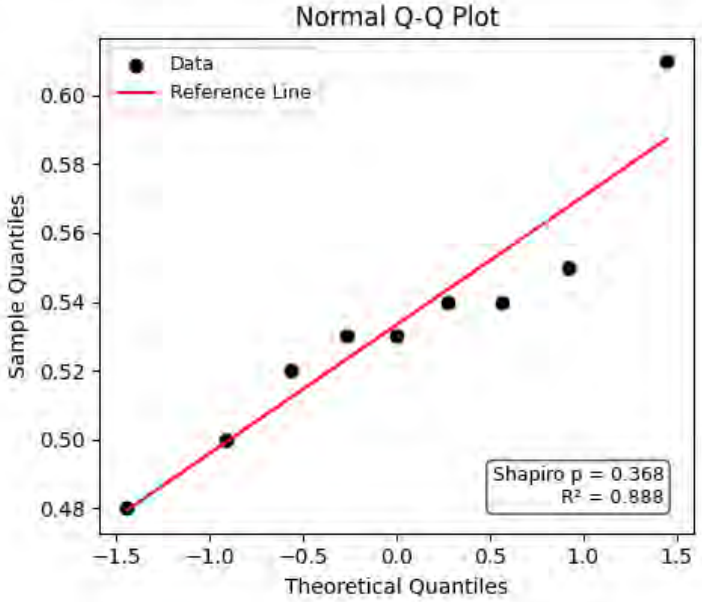
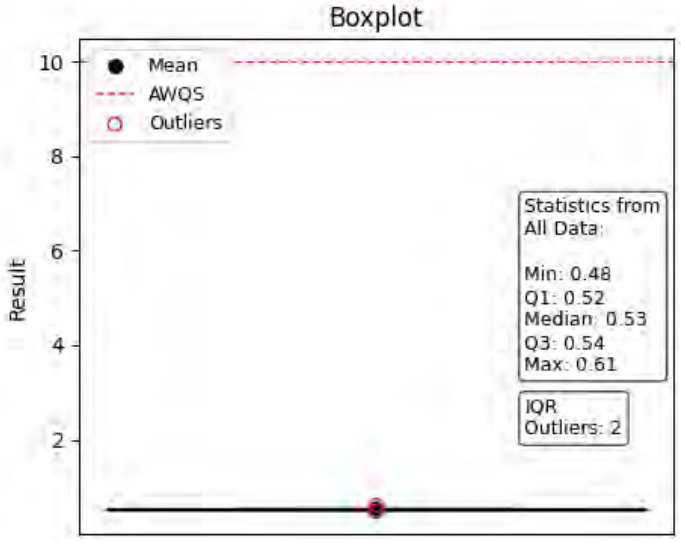
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Nitrate and Nitrite Sum







Well ID: POC-09
Constituent: Nitrate and Nitrite Sum
Units: nan
N = 9

Detect Only Stats:
Mean = 0.533
Median = 0.53
Min = 0.48
Max = 0.61
StdDev = 0.0361
95%ile = 0.586

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.643
UTL (log) = 0.651
UTL (np) = 0.61

Trend = no trend
MK p = 0.171
MK s = -10

Rosner
Outliers = 0
CV% = 6.76

AWQS = 10 nan

Figure: 9.16

Copper World, Inc.
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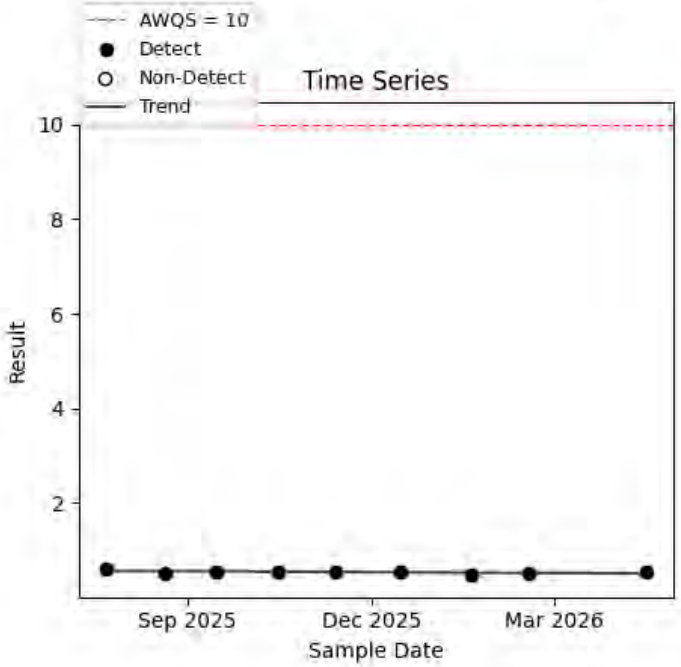
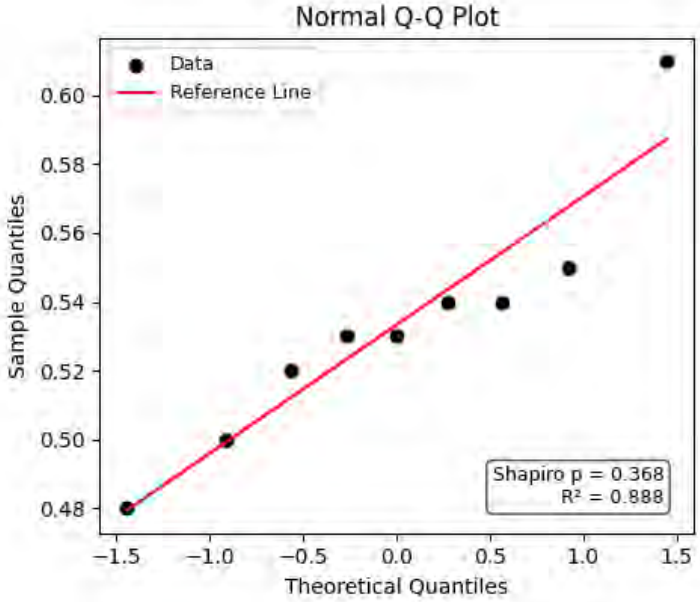
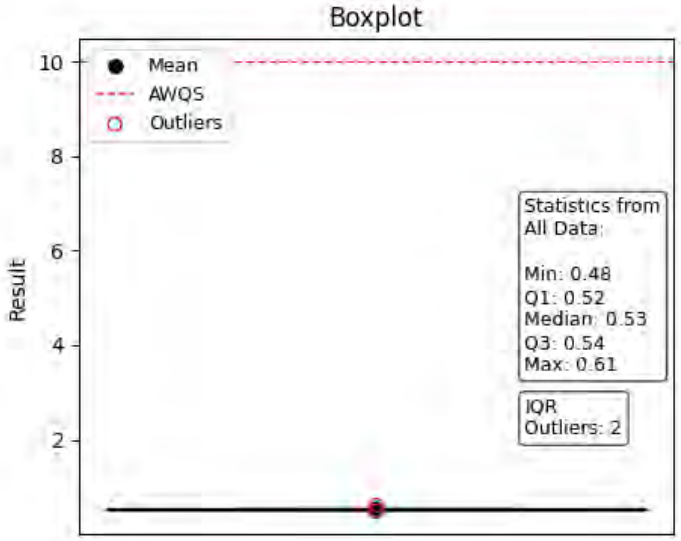
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Nitrogen, Nitrate (As N)







Well ID: POC-09
Constituent: Nitrogen, Nitrate (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.533
Median = 0.53
Min = 0.48
Max = 0.61
StdDev = 0.0361
95%ile = 0.586

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.643
UTL (log) = 0.651
UTL (np) = 0.61

Trend = no trend
MK p = 0.171
MK s = -10

Rosner
Outliers = 0
CV% = 6.76

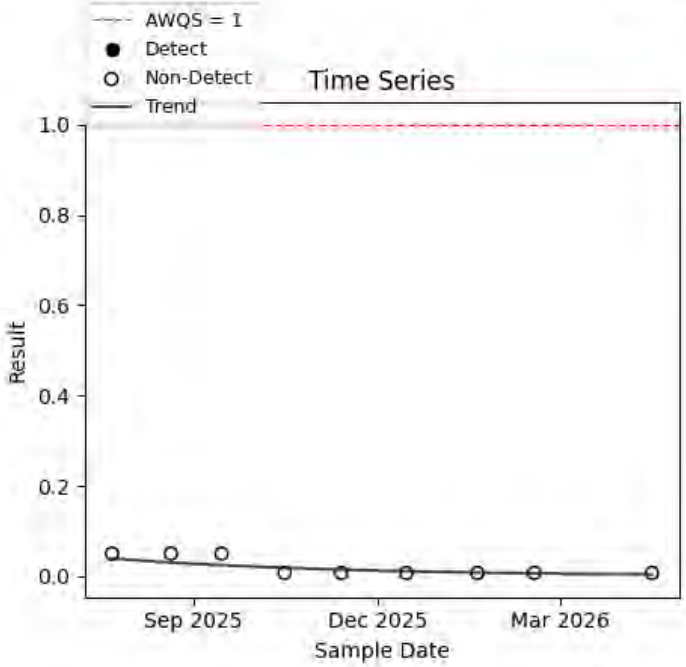
AWQS = 10 mg/L

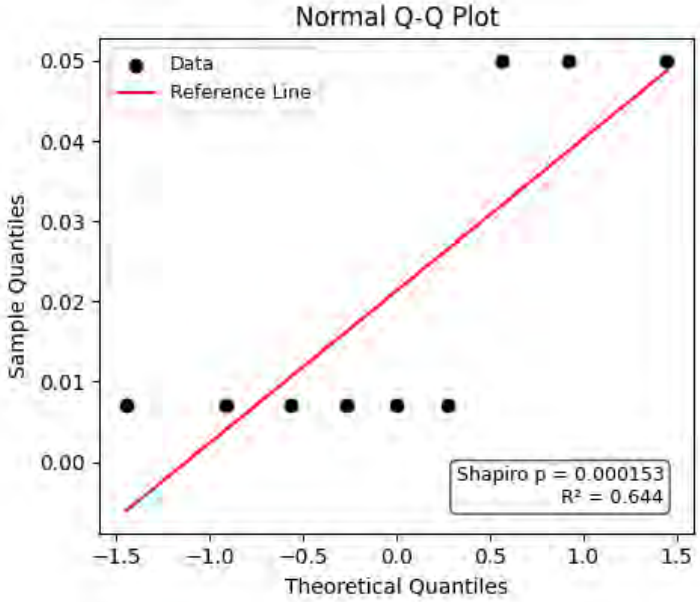
Figure: 9.17

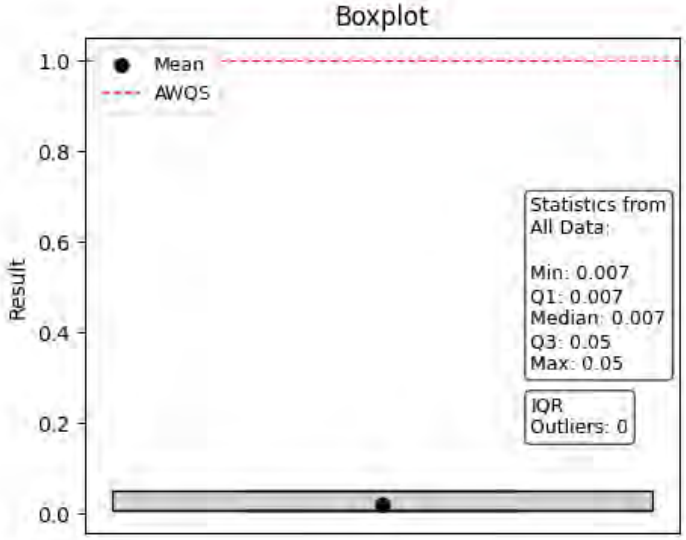
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Nitrogen, Nitrite (As N)







Well ID: POC-09
Constituent: Nitrogen, Nitrite (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0213
Median = 0.007
Min = 0.007
Max = 0.05
StdDev = 0.0215
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0865
UTL (log) = 0.265
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 100.78

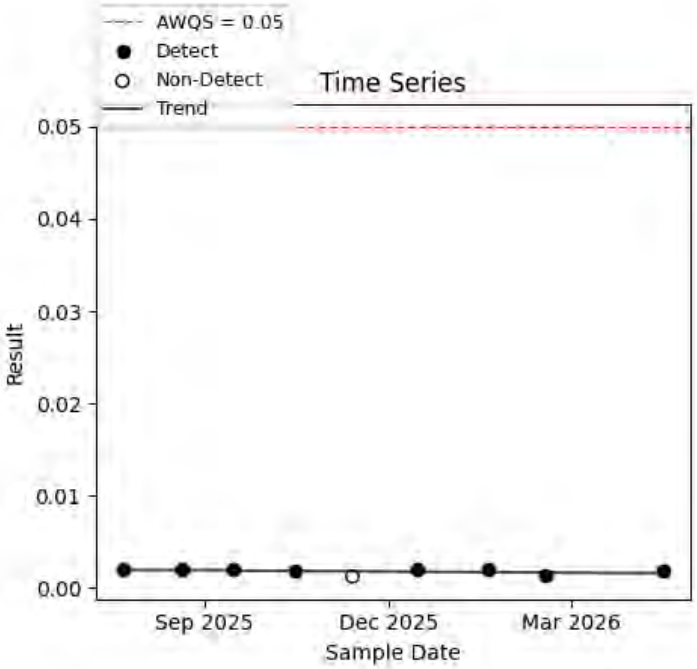
AWQS = 1 mg/L

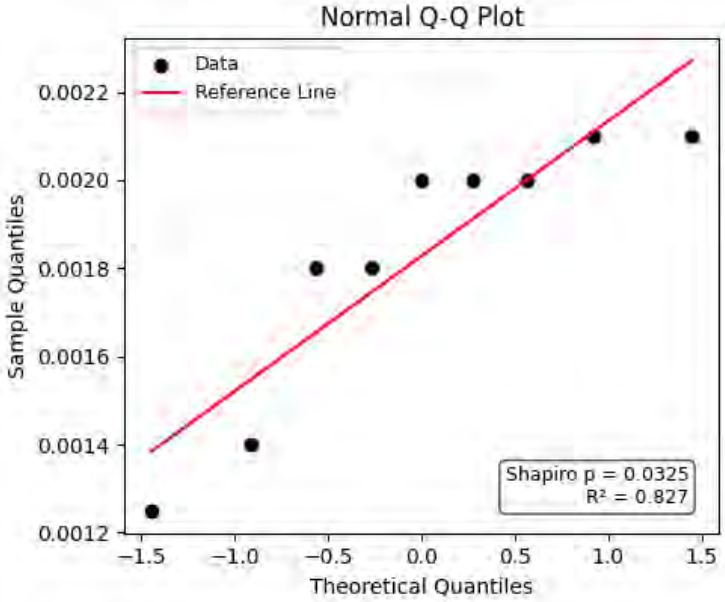
Figure: 9.18

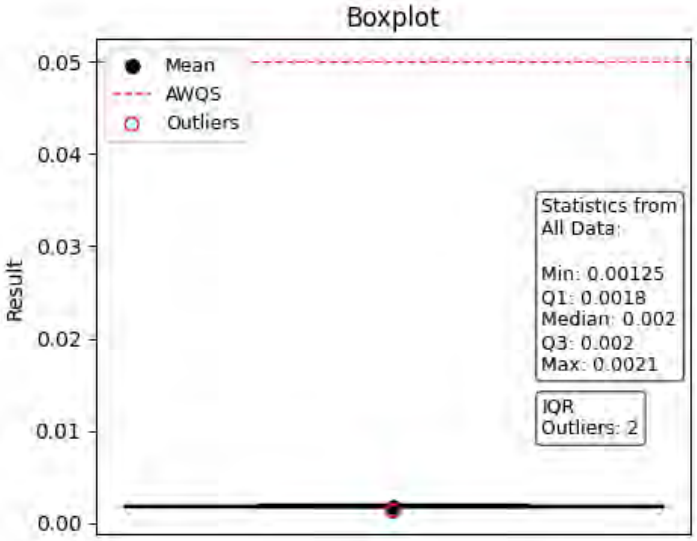
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Selenium







Well ID: POC-09
Constituent: Selenium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00183
Median = 0.002
Min = 0.00125
Max = 0.0021
StdDev = 0.000307
95%ile = 0.0021

% Non Detects = 11.1%

Distribution = Normal
UTL (norm) = 0.00276
UTL (log) = 0.00317
UTL (np) = 0.0021

Trend = decreasing
MK p = 0.0425
MK s = -17

Rosner
Outliers = 0
CV% = 16.81

AWQS = 0.05 mg/L

Figure: 9.19

Copper World, Inc.
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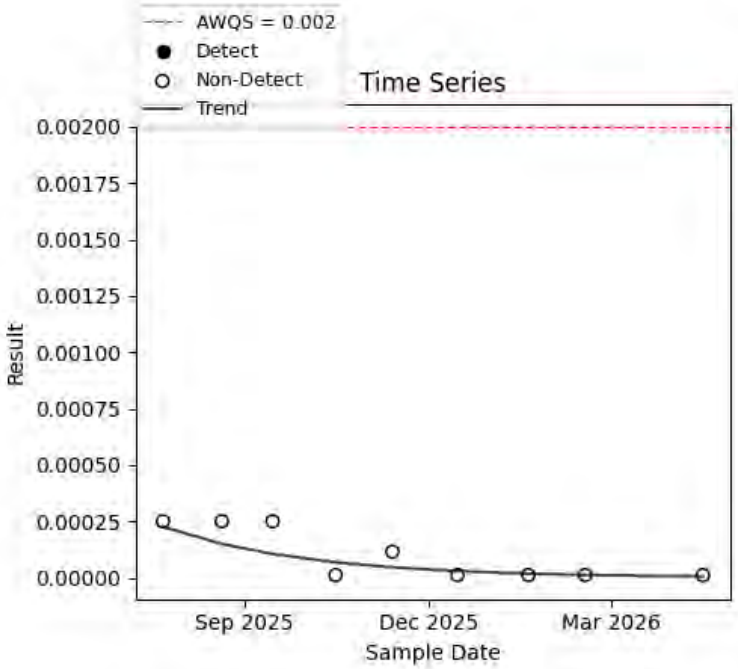
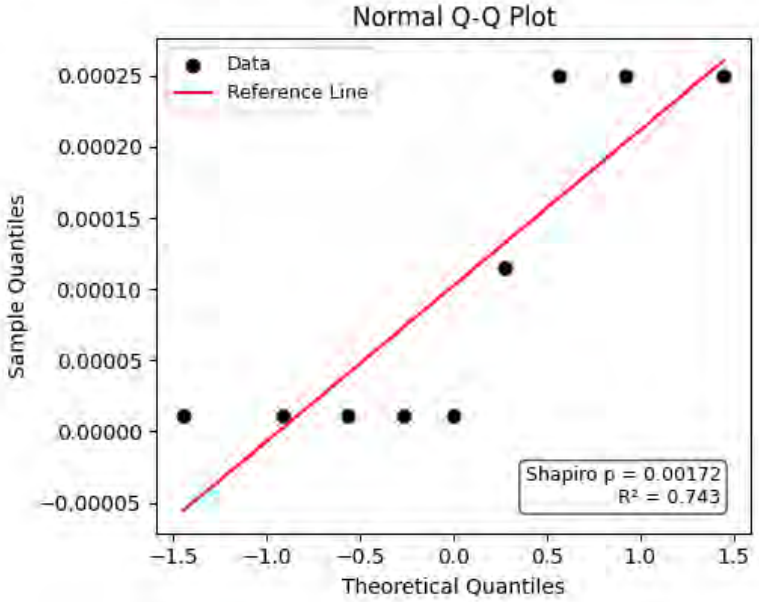
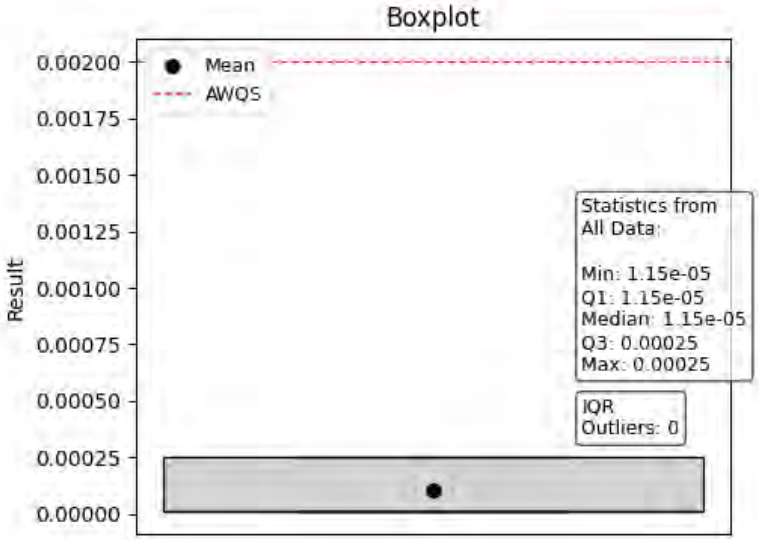
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Thallium







Well ID: POC-09
Constituent: Thallium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000102
Median = 1.15e-05
Min = 1.15e-05
Max = 0.00025
StdDev = 0.000116
95%ile = 0.00025

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.000453
UTL (log) = 0.0044
UTL (np) = 0.00025

Trend = decreasing
MK p = 0.00908
MK s = -21

Rosner
Outliers = 0
CV% = 112.74

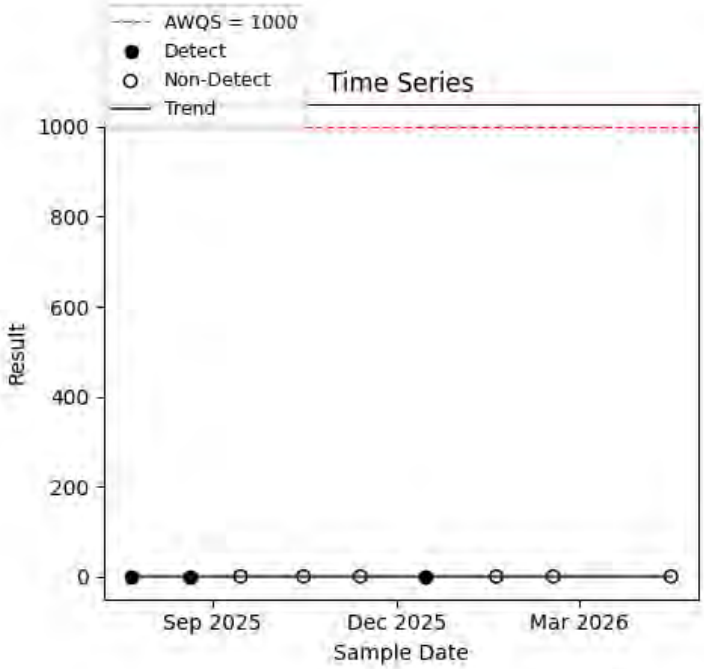
AWQS = 0.002 mg/L

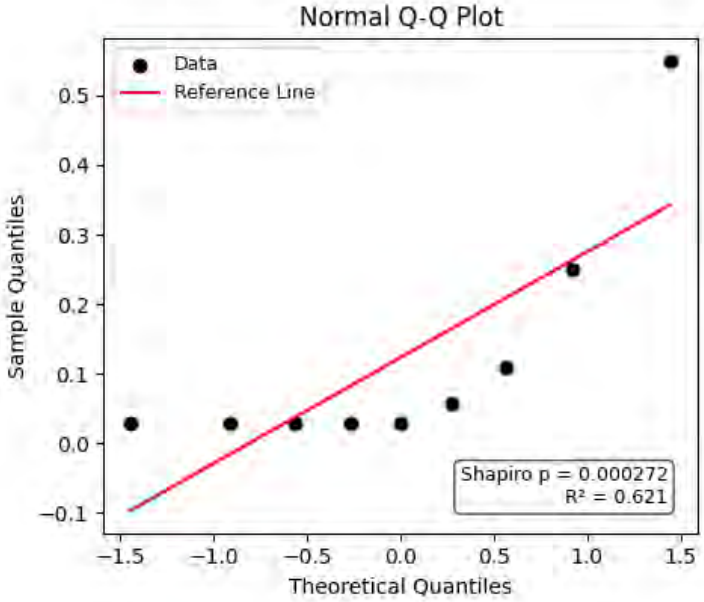
Figure: 9.20

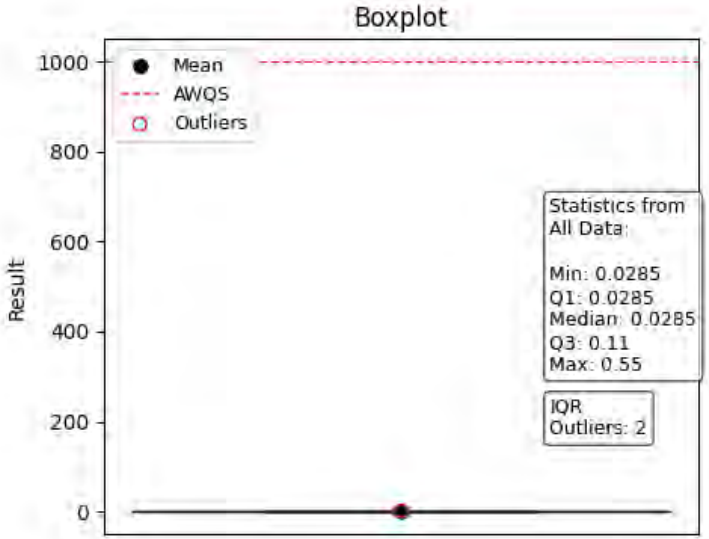
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Toluene







Well ID: POC-09
Constituent: Toluene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.123
Median = 0.0285
Min = 0.0285
Max = 0.55
StdDev = 0.176
95%ile = 0.43

% Non Detects = 66.7%

Distribution = Log-Normal
UTL (norm) = 0.657
UTL (log) = 1.89
UTL (np) = 0.55

Trend = decreasing
MK p = 0.0251
MK s = -18

Rosner
Outliers = 1
CV% = 142.72

AWQS = 1e+03 ug/L

Figure: 9.21

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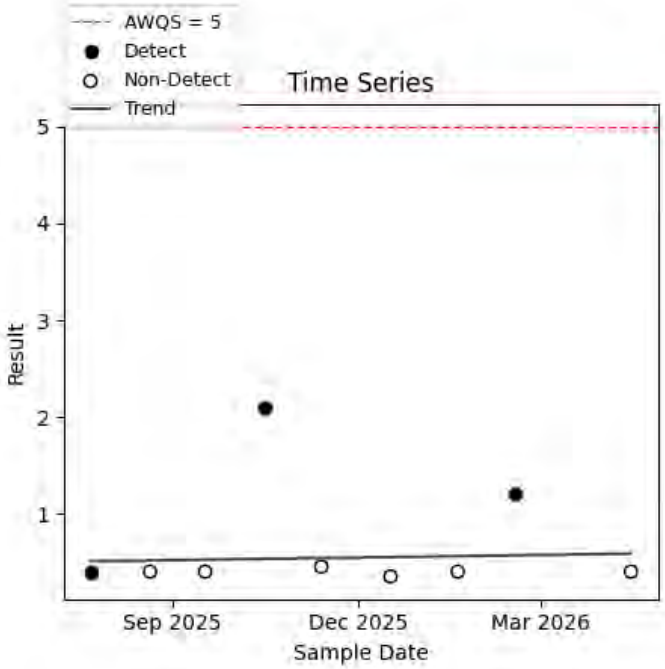
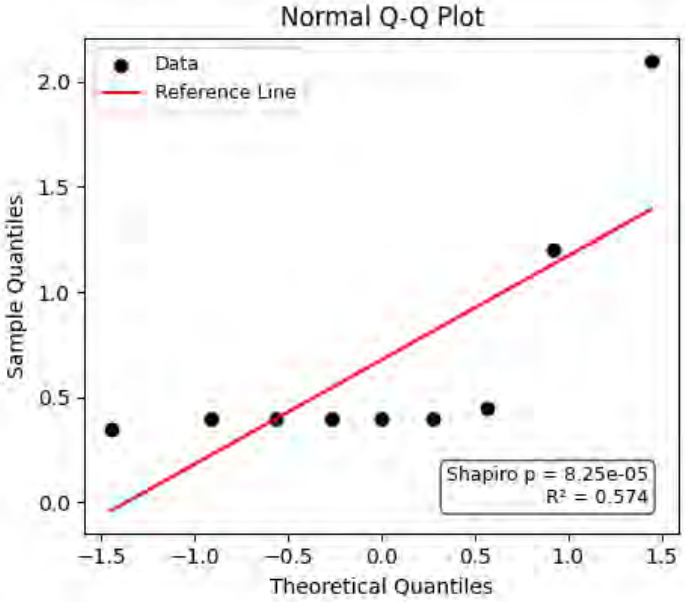
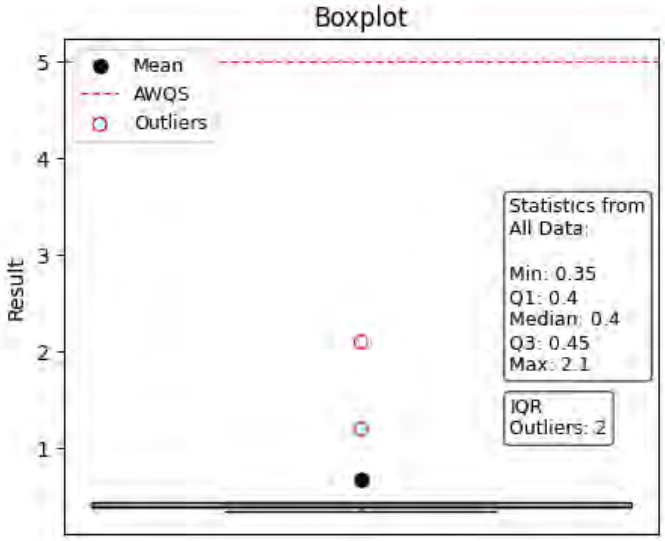
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Total Radium







Well ID: POC-09
Constituent: Total Radium
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 0.678
Median = 0.4
Min = 0.35
Max = 2.1
StdDev = 0.596
95%ile = 1.74

% Non Detects = 66.7%

Distribution = Nonparametric
UTL (norm) = 2.48
UTL (log) = 3.64
UTL (np) = 2.1

Trend = no trend
MK p = 0.454
MK s = 2

Rosner
Outliers = 1
CV% = 87.92

AWQS = 5 pCi/L

Figure: 9.22

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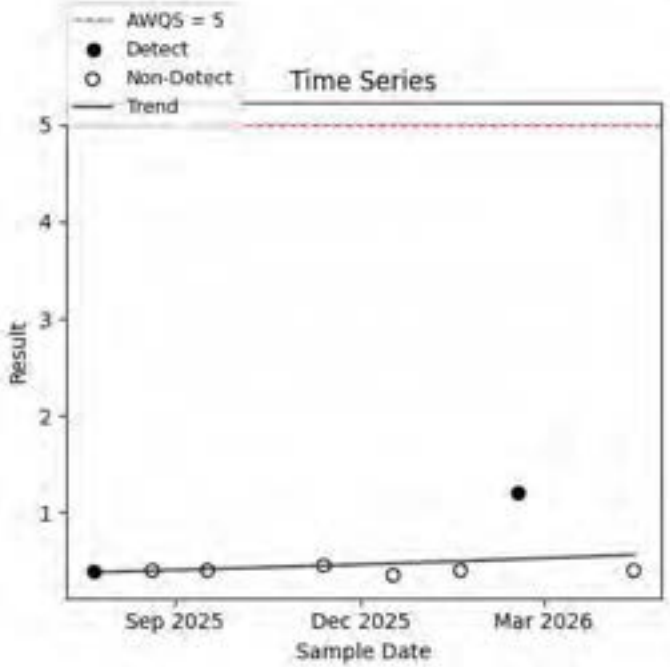
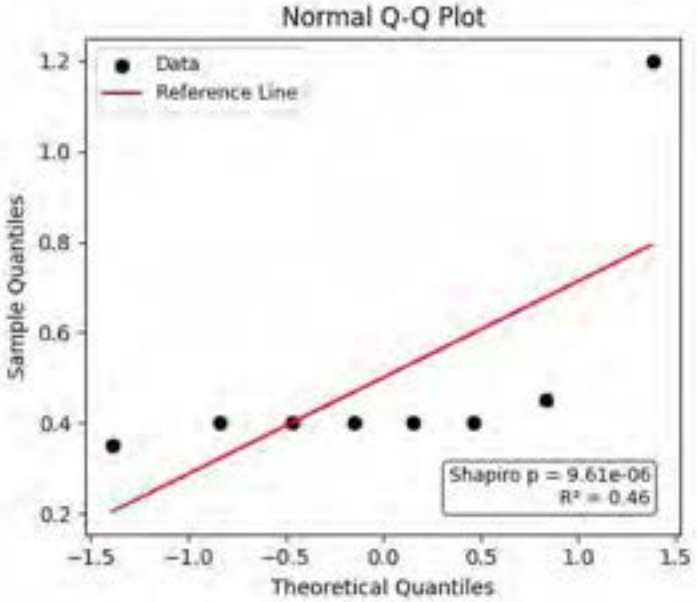
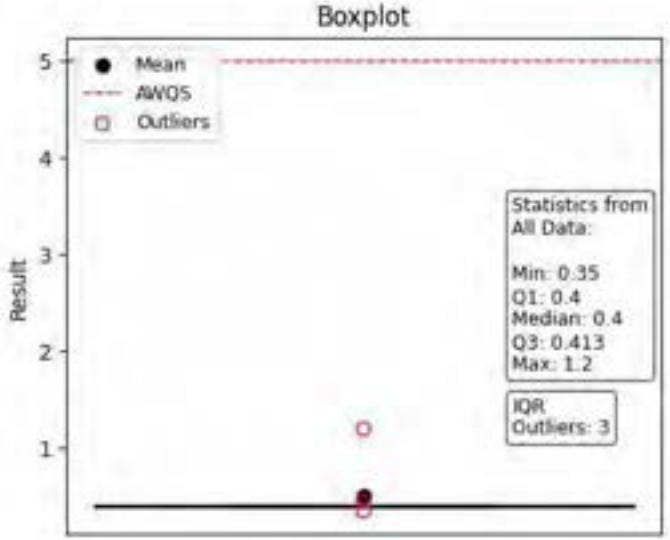
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Total Radium







Well ID: POC-09
Constituent: Total Radium
Units: pCi/L
N = 8

Detect Only Stats:
Mean = 0.5
Median = 0.4
Min = 0.35
Max = 1.2
StdDev = 0.284
95%ile = 0.937

% Non Detects = 75.0%

Distribution = Nonparametric
UTL (norm) = 1.41
UTL (log) = 1.61
UTL (np) = 1.2

Trend = no trend
MK p = 0.334
MK s = 4

Rosner
Outliers = 1
CV% = 56.82

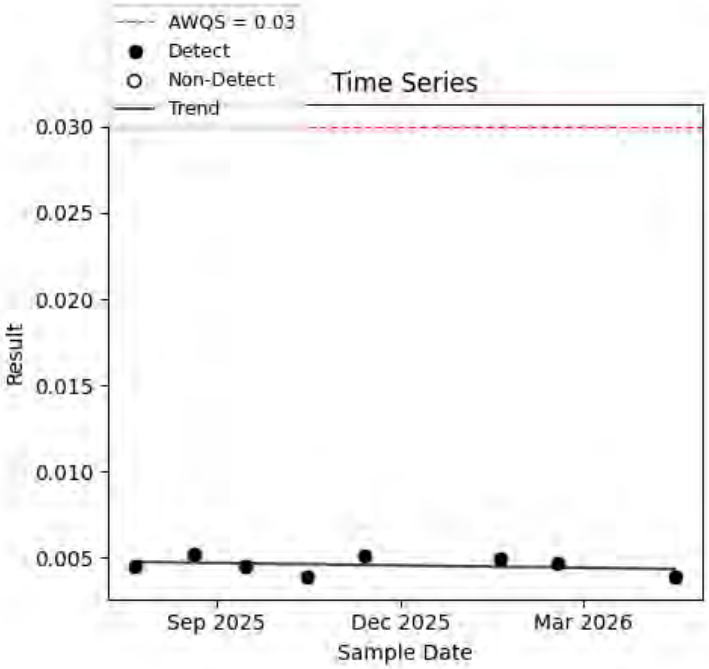
AWQS = 5 pCi/L

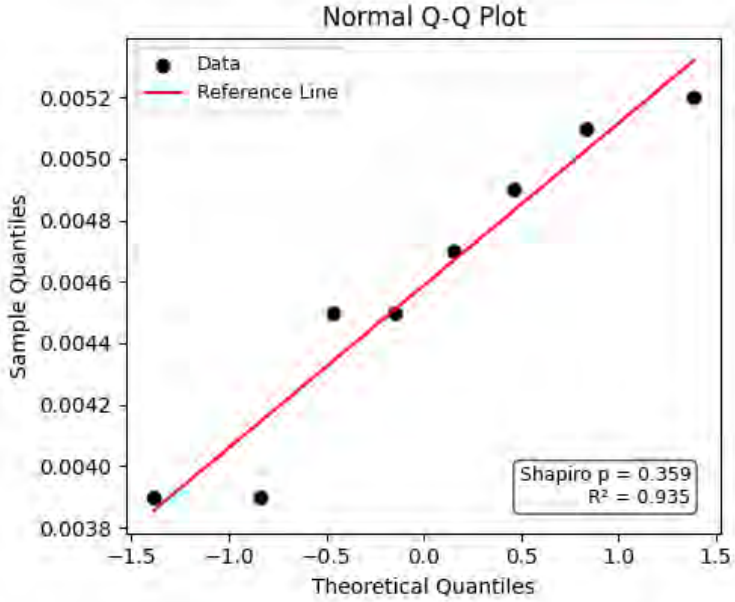
Figure: 9.22B

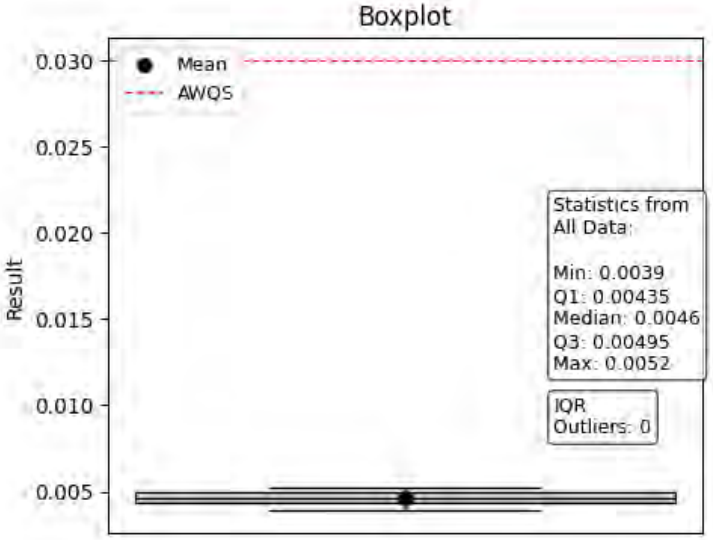
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Uranium







Well ID: POC-09
Constituent: Uranium
Units: mg/L
N = 8

Detect Only Stats:
Mean = 0.00459
Median = 0.0046
Min = 0.0039
Max = 0.0052
StdDev = 0.000494
95%ile = 0.00517

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00616
UTL (log) = 0.00648
UTL (np) = 0.0052

Trend = no trend
MK p = 0.265
MK s = -6

Rosner
Outliers = 0
CV% = 10.77

AWQS = 0.03 mg/L

Figure: 9.23

Copper World, Inc.
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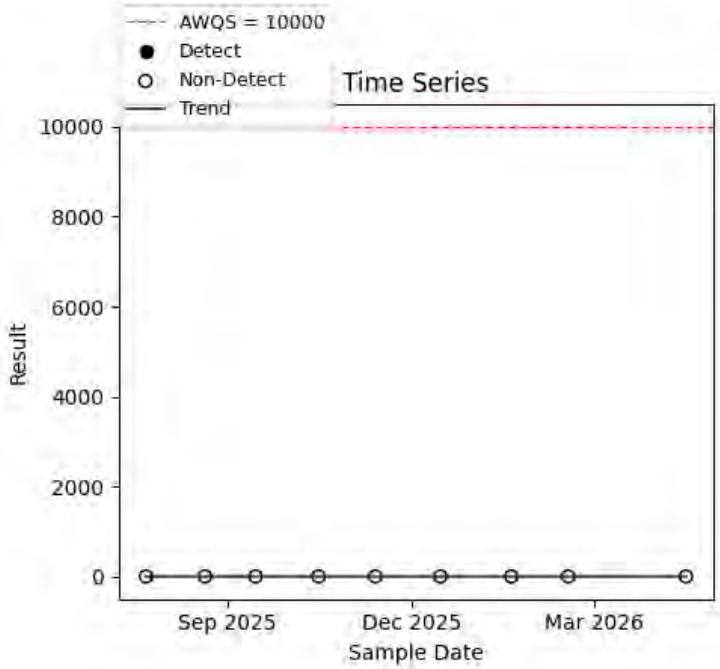
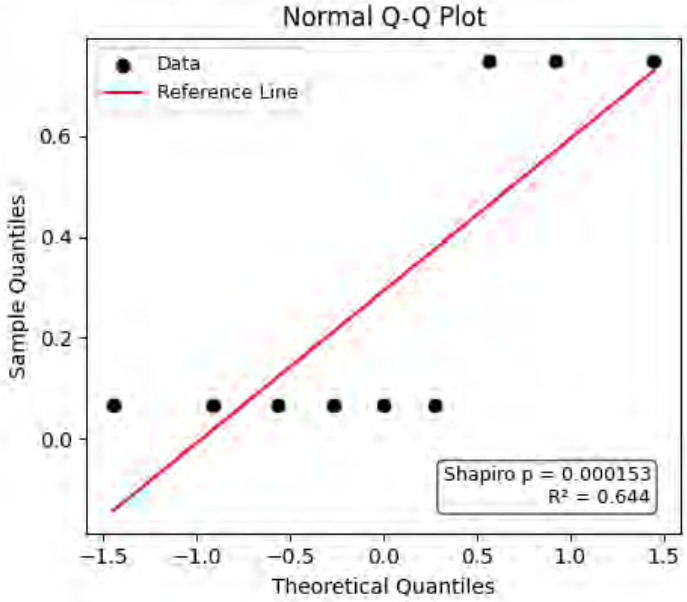
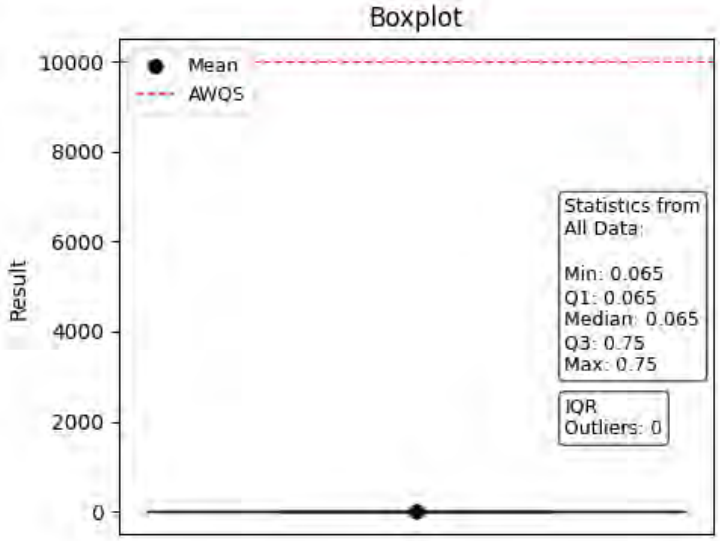
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-09 - Xylenes, Total







Well ID: POC-09
Constituent: Xylenes, Total
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.293
Median = 0.065
Min = 0.065
Max = 0.75
StdDev = 0.342
95%ile = 0.75

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 1.33
UTL (log) = 5.98
UTL (np) = 0.75

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 116.76

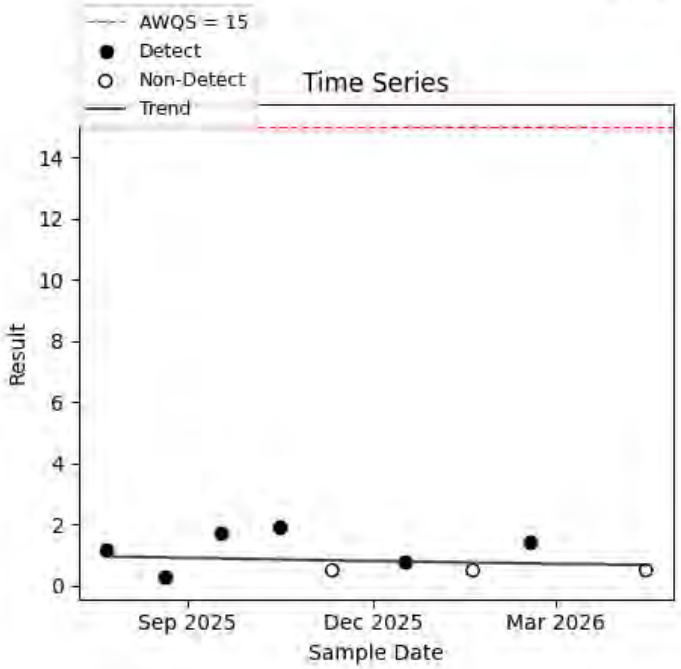
AWQS = 1e+04 ug/L

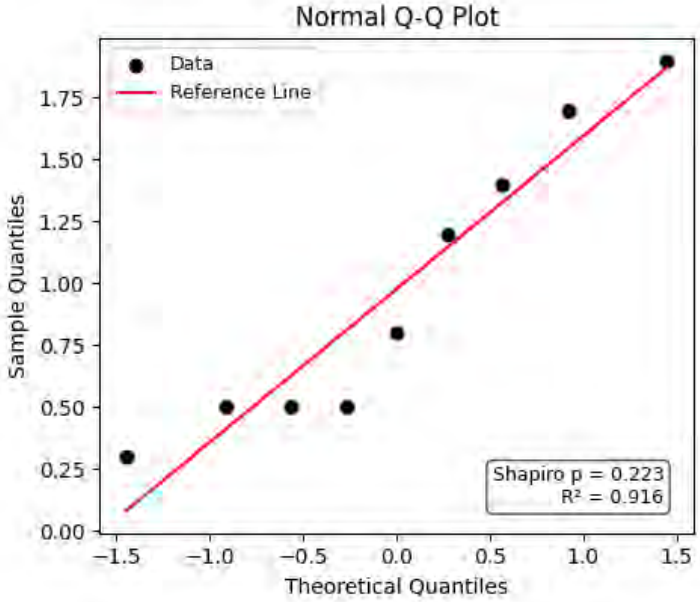
Figure: 9.24

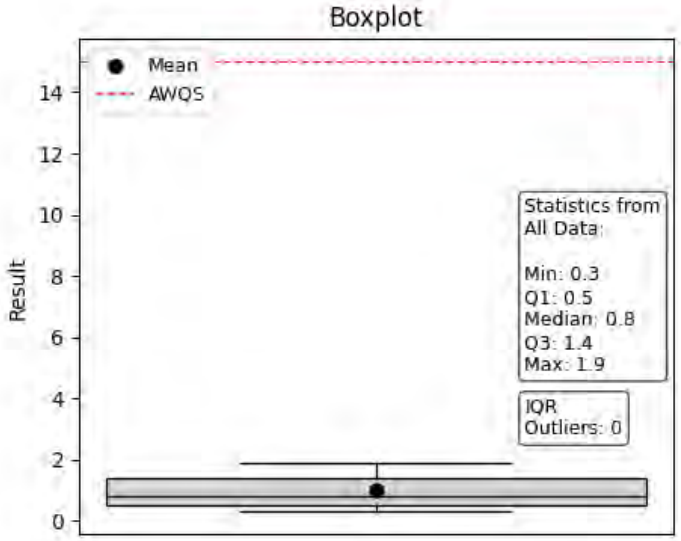
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Adjusted Gross Alpha







Well ID: POC-10
Constituent: Adjusted Gross Alpha
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 0.978
Median = 0.8
Min = 0.3
Max = 1.9
StdDev = 0.589
95%ile = 1.82

% Non Detects = 33.3%

Distribution = Normal
UTL (norm) = 2.76
UTL (log) = 5.92
UTL (np) = 1.9

Trend = no trend
MK p = 0.416
MK s = -3

Rosner
Outliers = 0
CV% = 60.24

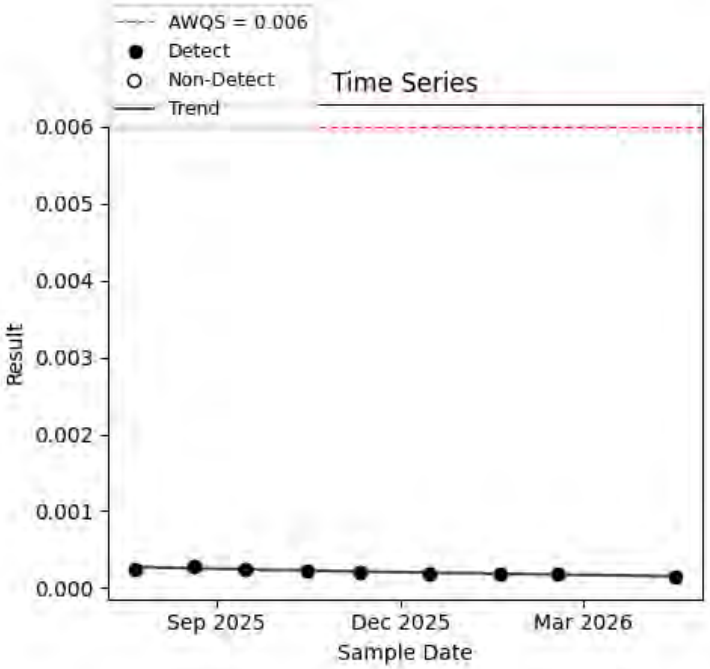
AWQS = 15 pCi/L

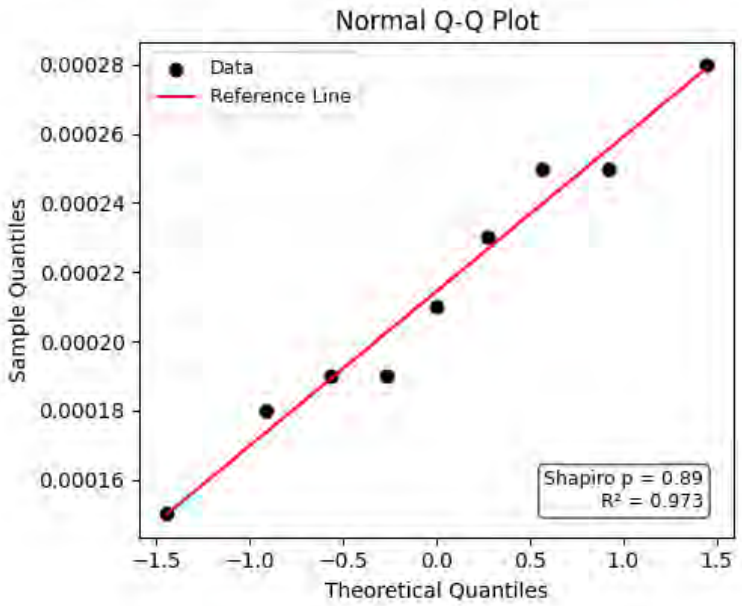
Figure: 10.1

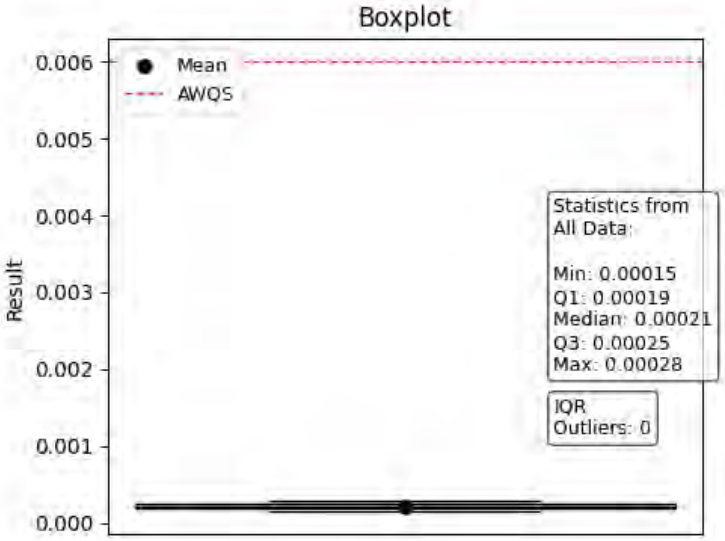
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Antimony







Well ID: POC-10
Constituent: Antimony
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000214
Median = 0.00021
Min = 0.00015
Max = 0.00028
StdDev = 4.13e-05
95%ile = 0.000268

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00034
UTL (log) = 0.000382
UTL (np) = 0.00028

Trend = decreasing
MK p = 0.000542
MK s = -32

Rosner
Outliers = 0
CV% = 19.24

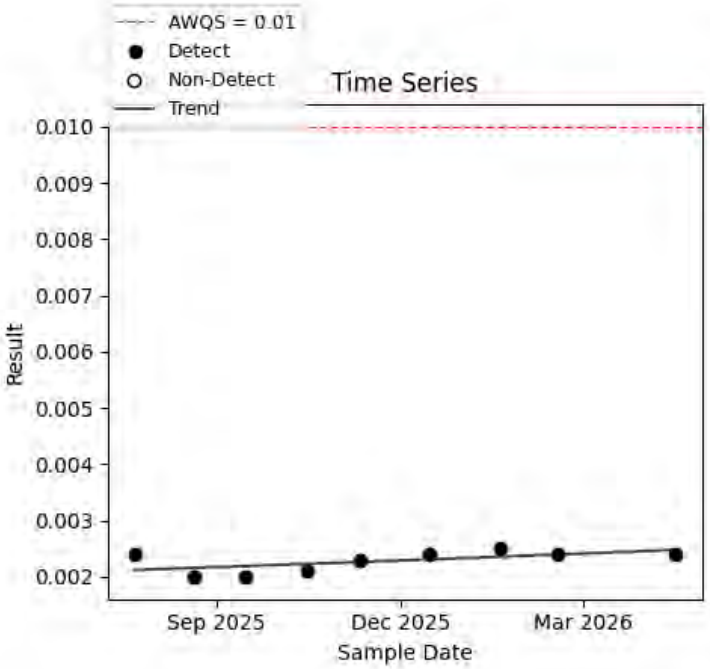
AWQS = 0.006 mg/L

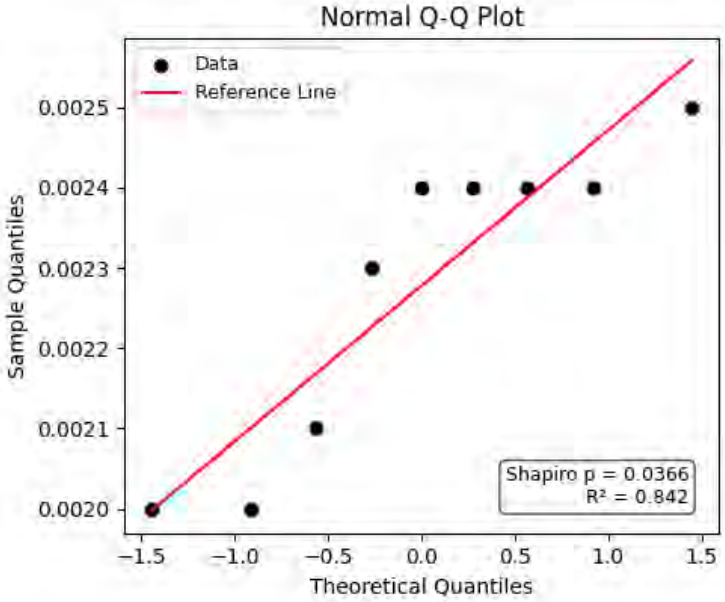
Figure: 10.2

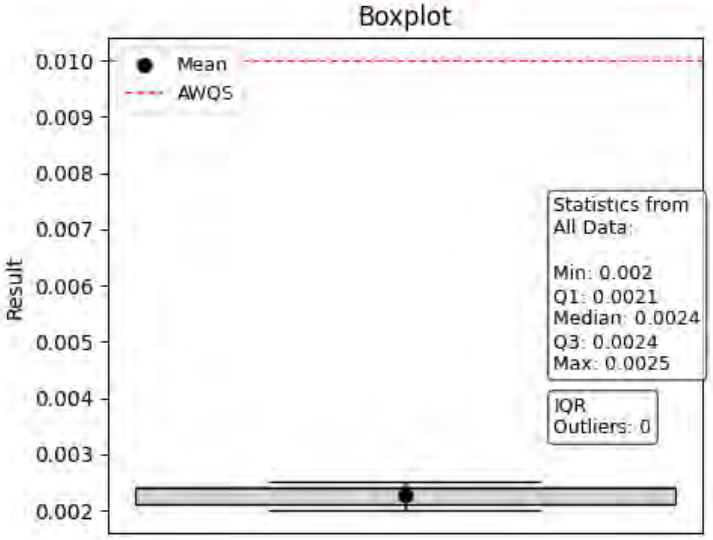
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Arsenic







Well ID: POC-10
Constituent: Arsenic
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00228
Median = 0.0024
Min = 0.002
Max = 0.0025
StdDev = 0.000192
95%ile = 0.00246

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00286
UTL (log) = 0.00295
UTL (np) = 0.0025

Trend = increasing
MK p = 0.0389
MK s = 17

Rosner
Outliers = 0
CV% = 8.44

AWQS = 0.01 mg/L

Figure: 10.3

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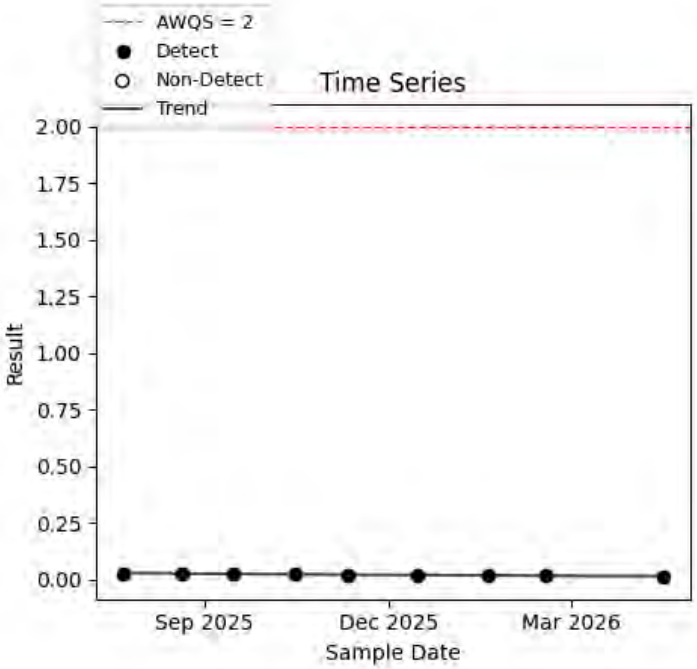
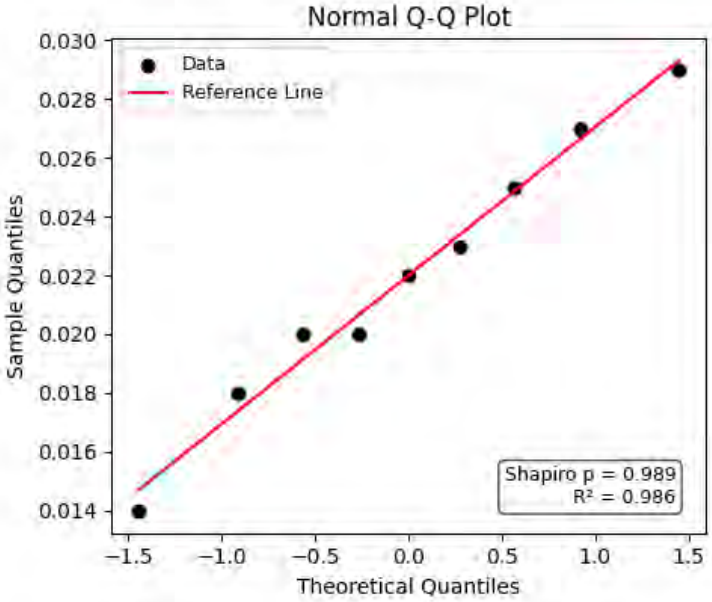
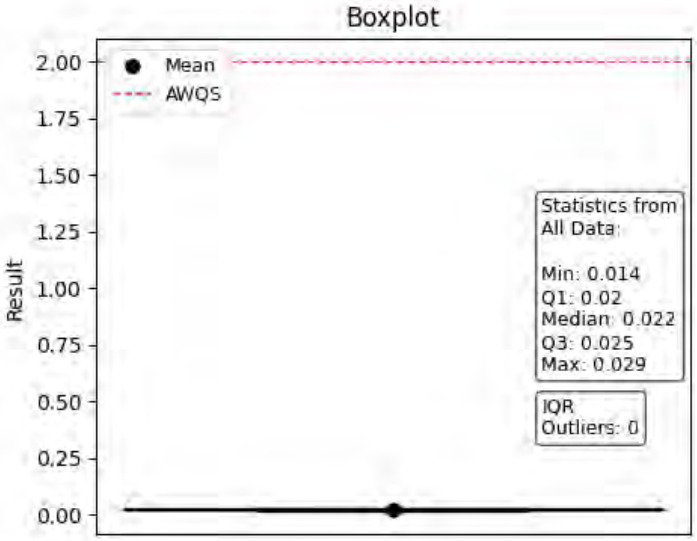
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Barium







Well ID: POC-10
Constituent: Barium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.022
Median = 0.022
Min = 0.014
Max = 0.029
StdDev = 0.00464
95%ile = 0.0282

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0361
UTL (log) = 0.0423
UTL (np) = 0.029

Trend = decreasing
MK p = 0.000831
MK s = -31

Rosner
Outliers = 0
CV% = 21.08

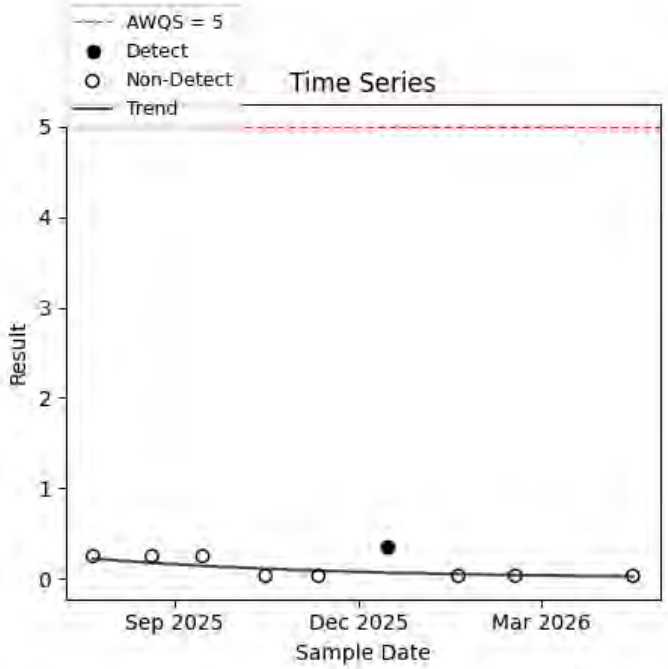
AWQS = 2 mg/L

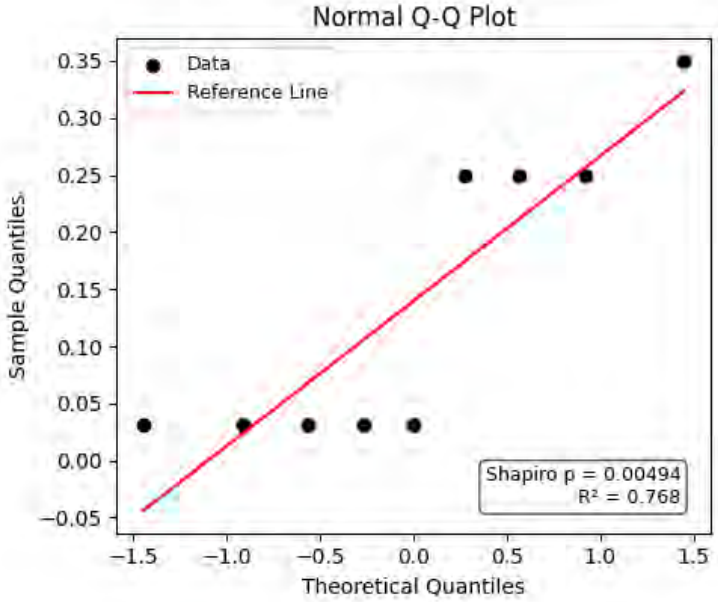
Figure: 10.4

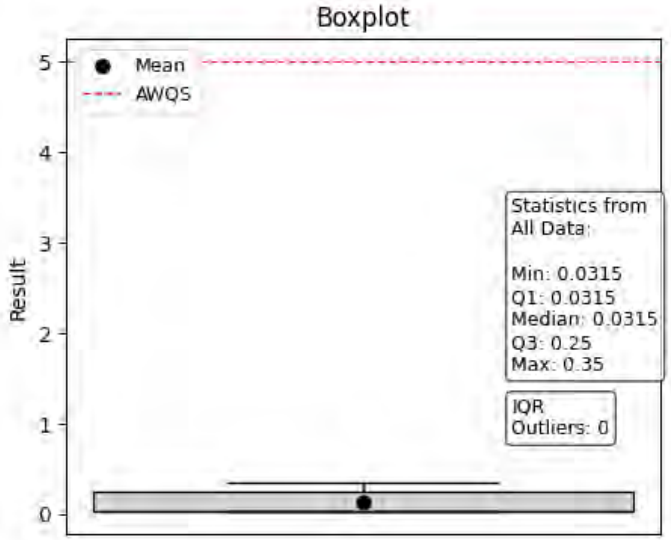
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Benzene







Well ID: POC-10
Constituent: Benzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.14
Median = 0.0315
Min = 0.0315
Max = 0.35
StdDev = 0.132
95%ile = 0.31

% Non Detects = 88.9%

Distribution = Normal
UTL (norm) = 0.54
UTL (log) = 2.61
UTL (np) = 0.35

Trend = no trend
MK p = 0.0782
MK s = -13

Rosner
Outliers = 0
CV% = 94.43

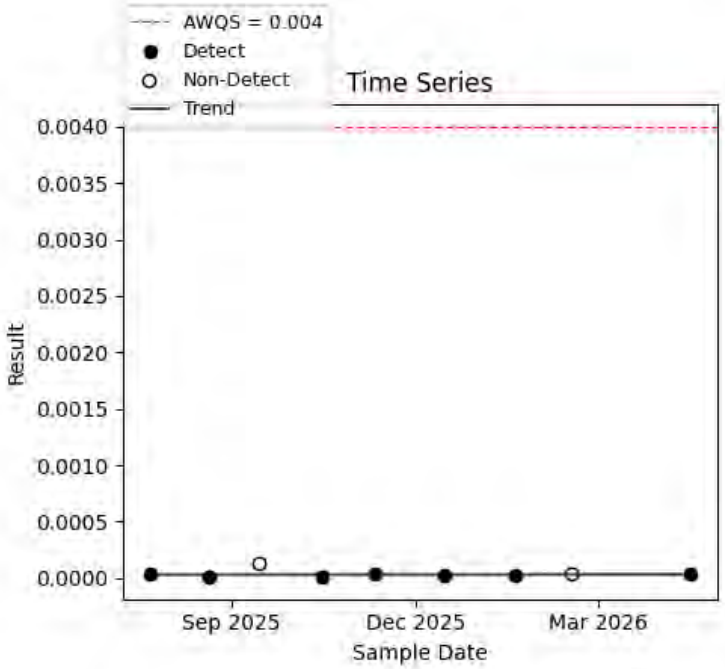
AWQS = 5 ug/L

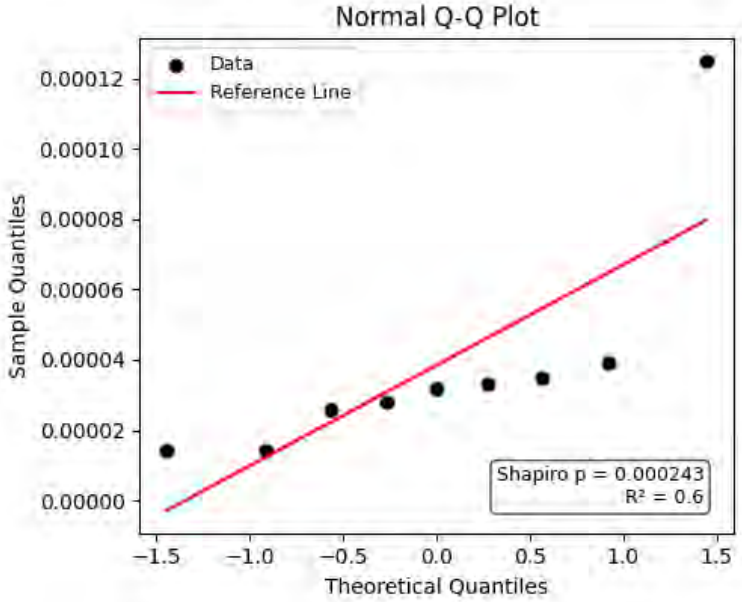
Figure: 10.5

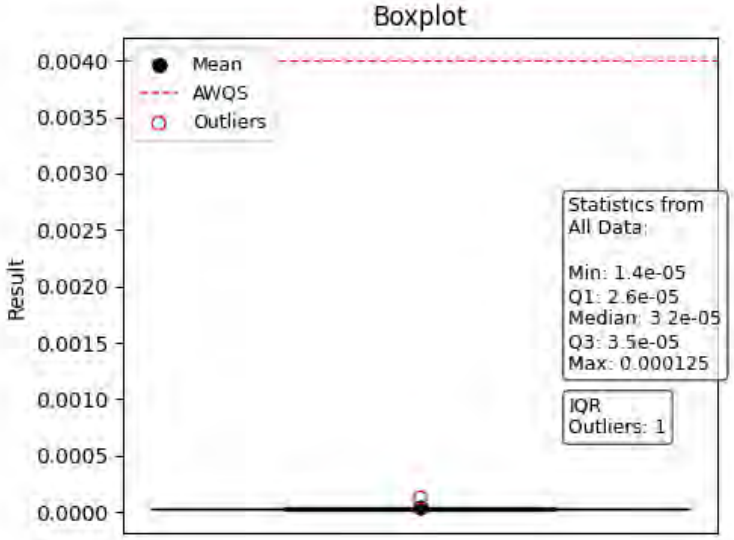
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Beryllium







Well ID: POC-10
Constituent: Beryllium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 3.84e-05
Median = 3.2e-05
Min = 1.4e-05
Max = 0.000125
StdDev = 3.36e-05
95%ile = 9.06e-05

% Non Detects = 22.2%

Distribution = Log-Normal
UTL (norm) = 0.00014
UTL (log) = 0.000218
UTL (np) = 0.000125

Trend = no trend
MK p = 0.337
MK s = 5

Rosner
Outliers = 1
CV% = 87.41

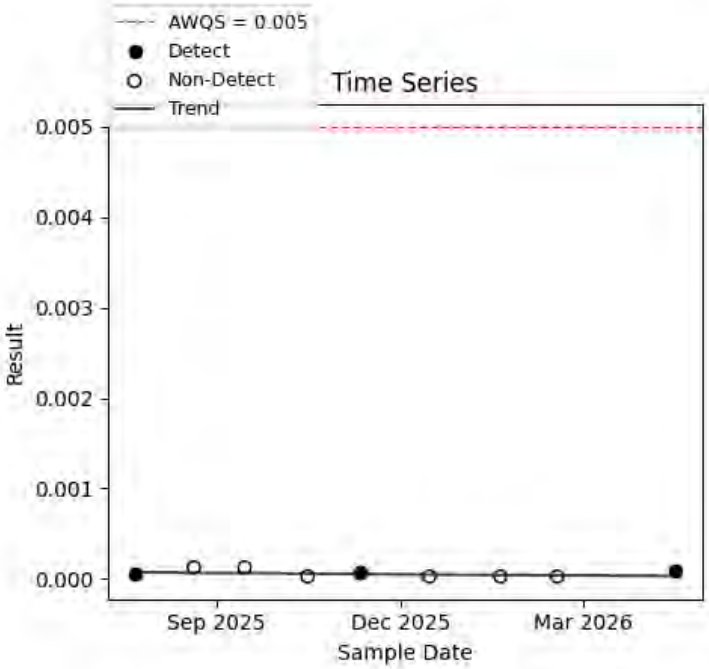
AWQS = 0.004 mg/L

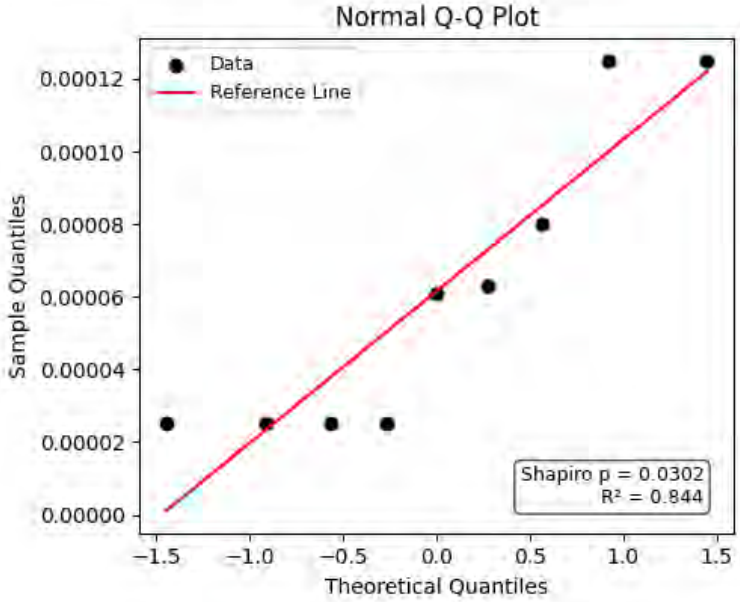
Figure: 10.6

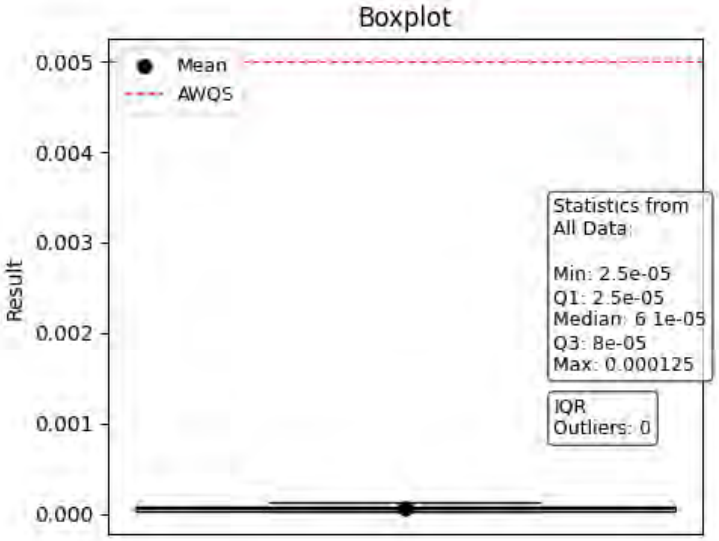
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Cadmium







Well ID: POC-10
Constituent: Cadmium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 6.16e-05
Median = 6.1e-05
Min = 2.5e-05
Max = 0.000125
StdDev = 4.14e-05
95%ile = 0.000125

% Non Detects = 66.7%

Distribution = Normal
UTL (norm) = 0.000187
UTL (log) = 0.000415
UTL (np) = 0.000125

Trend = no trend
MK p = 0.189
MK s = -9

Rosner
Outliers = 0
CV% = 67.32

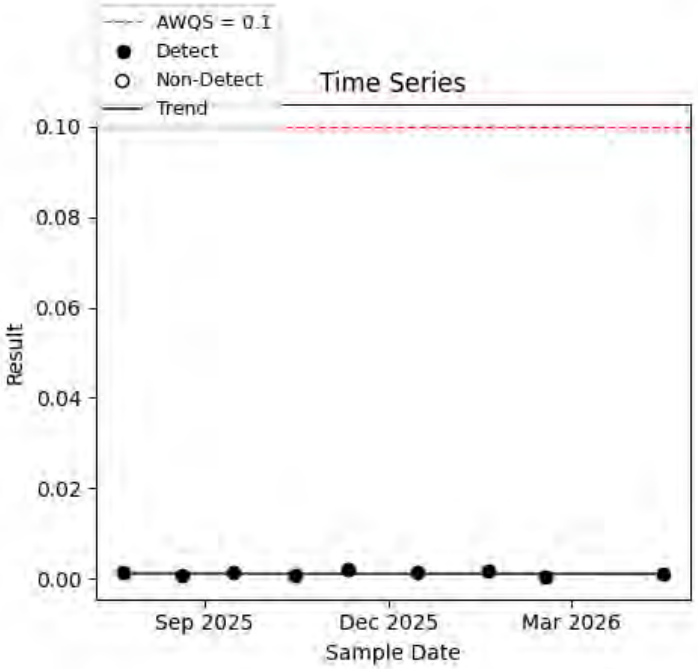
AWQS = 0.005 mg/L

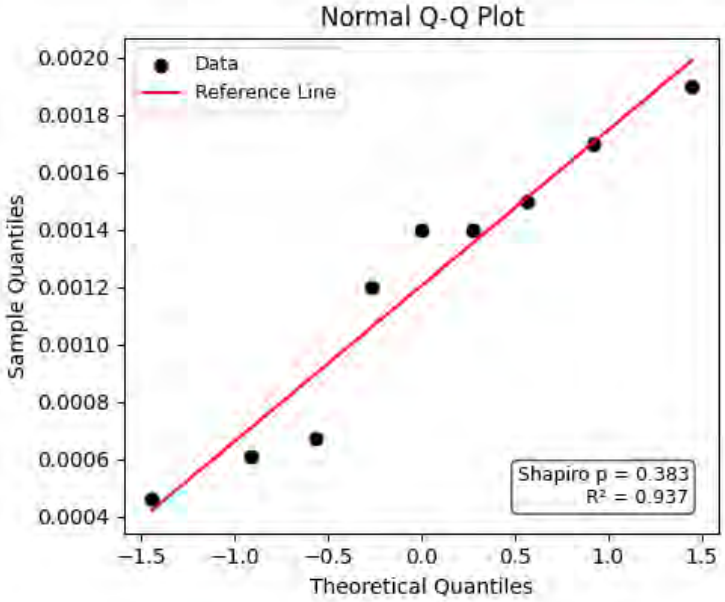
Figure: 10.7

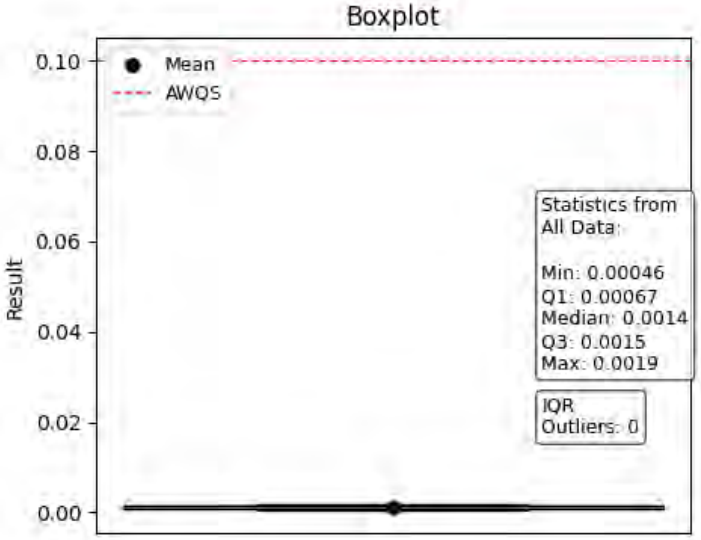
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Chromium







Well ID: POC-10
Constituent: Chromium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0012
Median = 0.0014
Min = 0.00046
Max = 0.0019
StdDev = 0.000511
95%ile = 0.00182

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00275
UTL (log) = 0.00507
UTL (np) = 0.0019

Trend = no trend
MK p = 0.417
MK s = -3

Rosner
Outliers = 0
CV% = 42.40

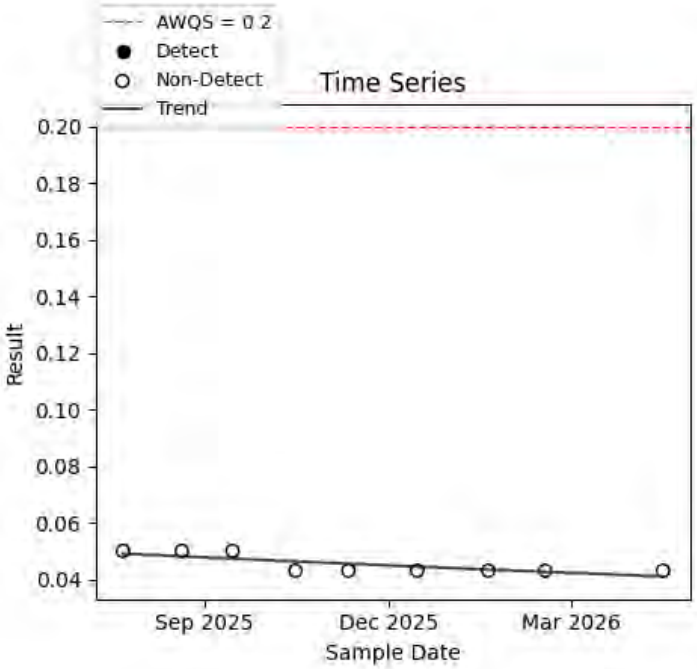
AWQS = 0.1 mg/L

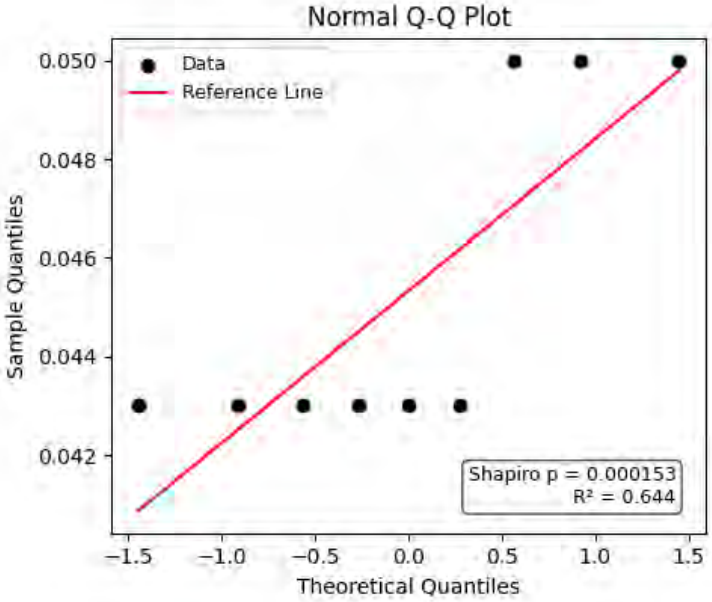
Figure: 10.8

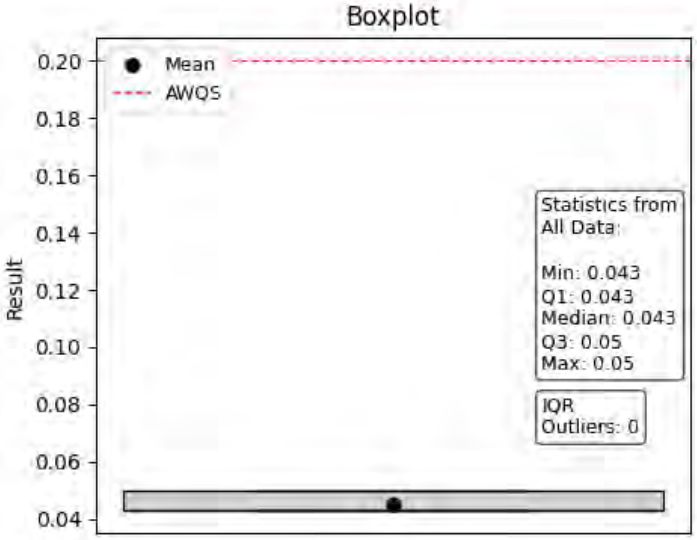
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Cyanide







Well ID: POC-10
Constituent: Cyanide
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0453
Median = 0.043
Min = 0.043
Max = 0.05
StdDev = 0.0035
95%ile = 0.05

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.0559
UTL (log) = 0.0568
UTL (np) = 0.05

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 7.72

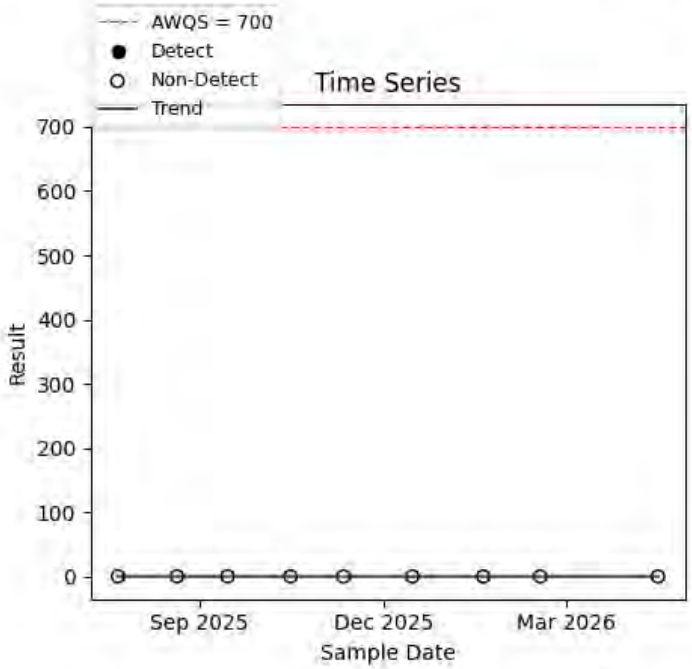
AWQS = 0.2 mg/L

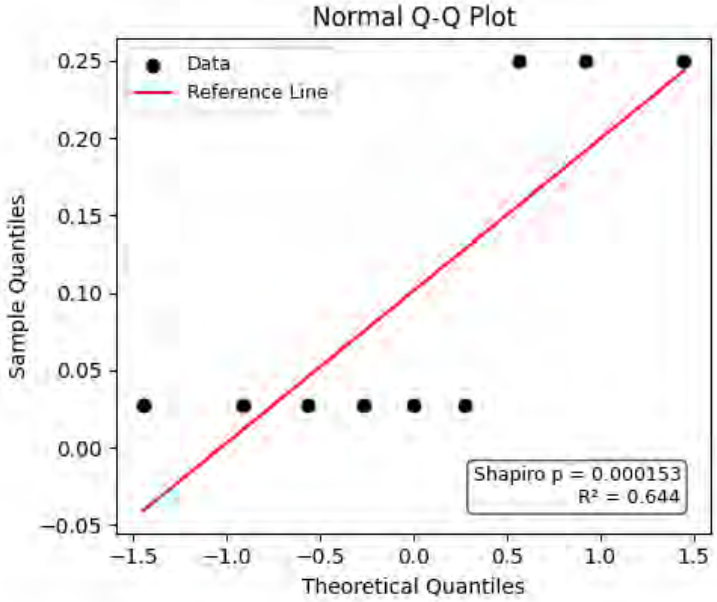
Figure: 10.9

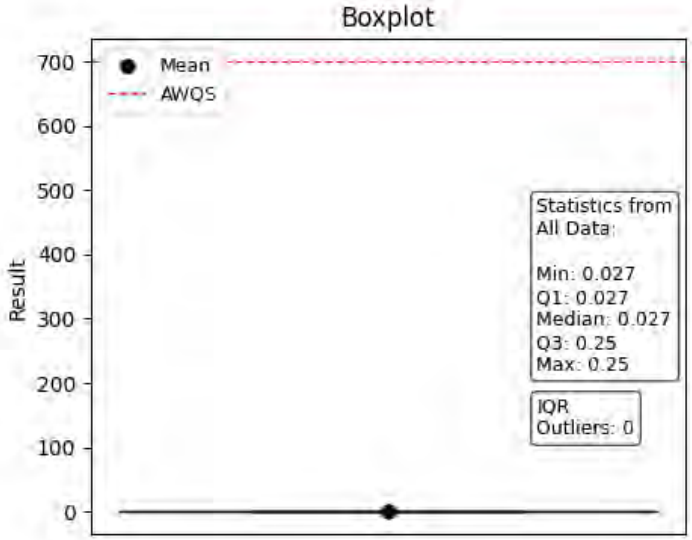
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Ethylbenzene







Well ID: POC-10
Constituent: Ethylbenzene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.101
Median = 0.027
Min = 0.027
Max = 0.25
StdDev = 0.112
95%ile = 0.25

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.439
UTL (log) = 1.65
UTL (np) = 0.25

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 110.03

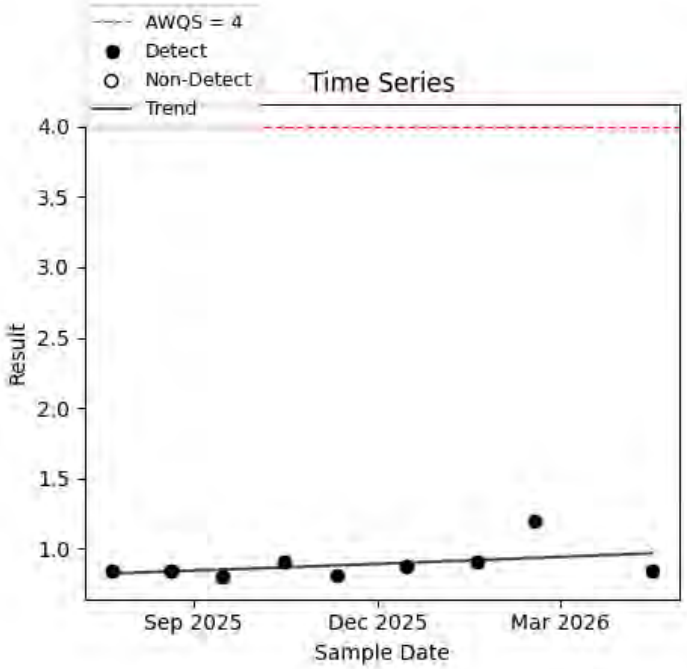
AWQS = 700 ug/L

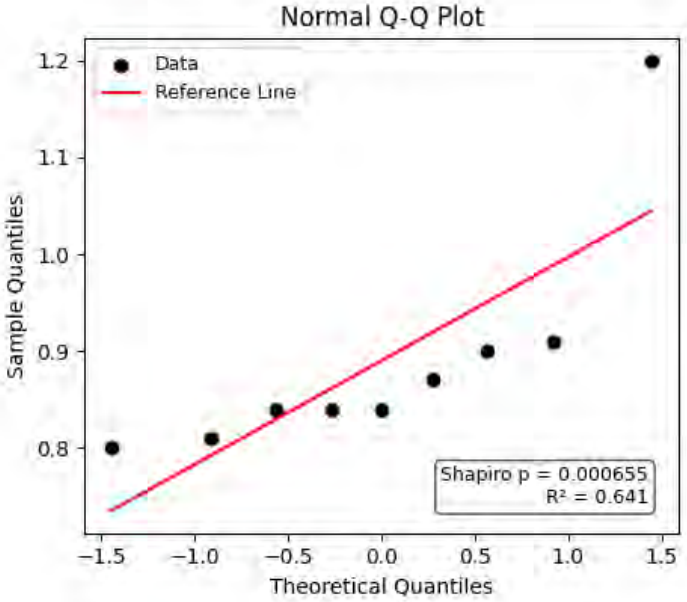
Figure: 10.10

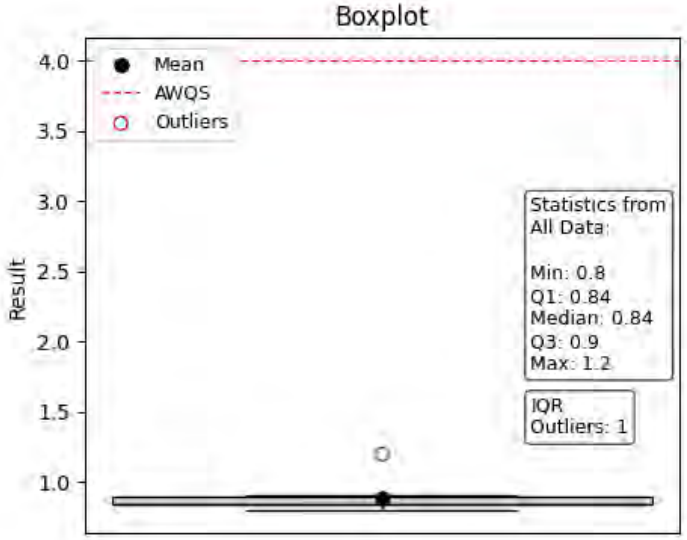
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Fluoride







Well ID: POC-10
Constituent: Fluoride
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.89
Median = 0.84
Min = 0.8
Max = 1.2
StdDev = 0.122
95%ile = 1.08

% Non Detects = 0.0%

Distribution = Nonparametric
UTL (norm) = 1.26
UTL (log) = 1.28
UTL (np) = 1.2

Trend = no trend
MK p = 0.144
MK s = 11

Rosner
Outliers = 1
CV% = 13.70

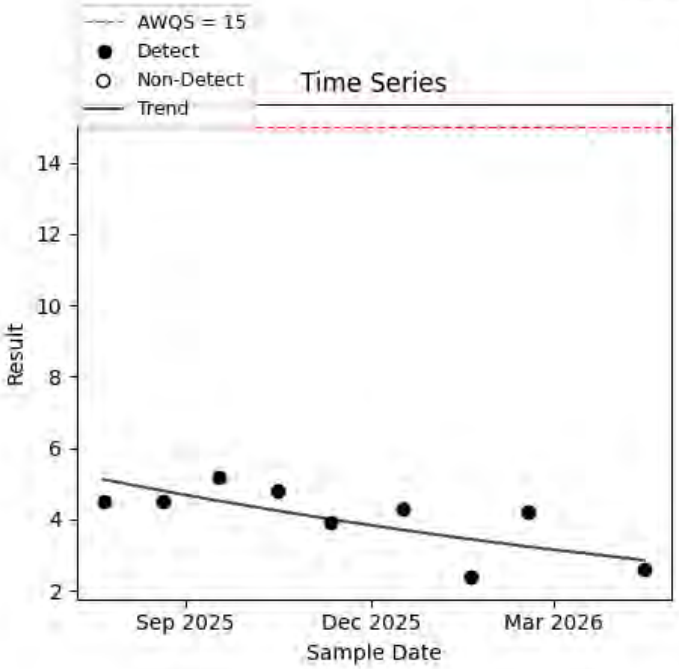
AWQS = 4 mg/L

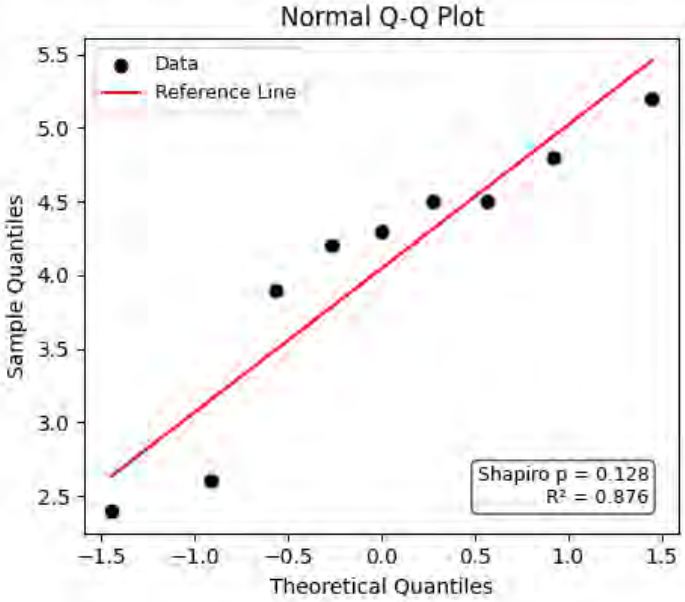
Figure: 10.11

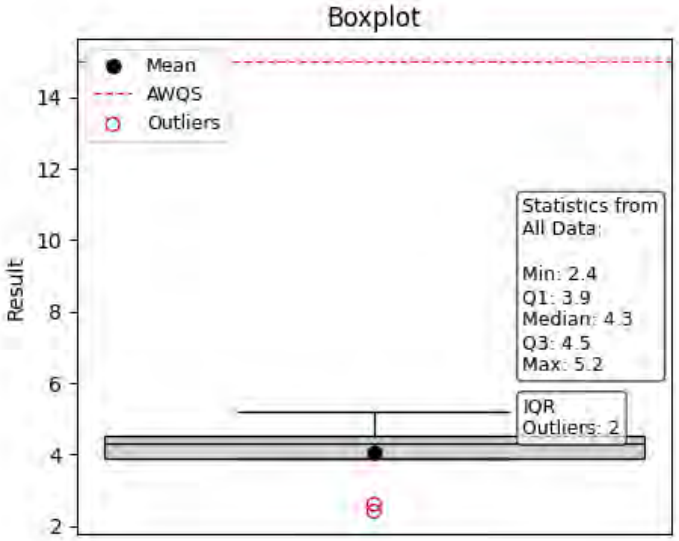
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Gross Alpha Activity







Well ID: POC-10
Constituent: Gross Alpha Activity
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 4.04
Median = 4.3
Min = 2.4
Max = 5.2
StdDev = 0.95
95%ile = 5.04

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 6.92
UTL (log) = 8.89
UTL (np) = 5.2

Trend = decreasing
MK p = 0.0296
MK s = -19

Rosner
Outliers = 0
CV% = 23.49

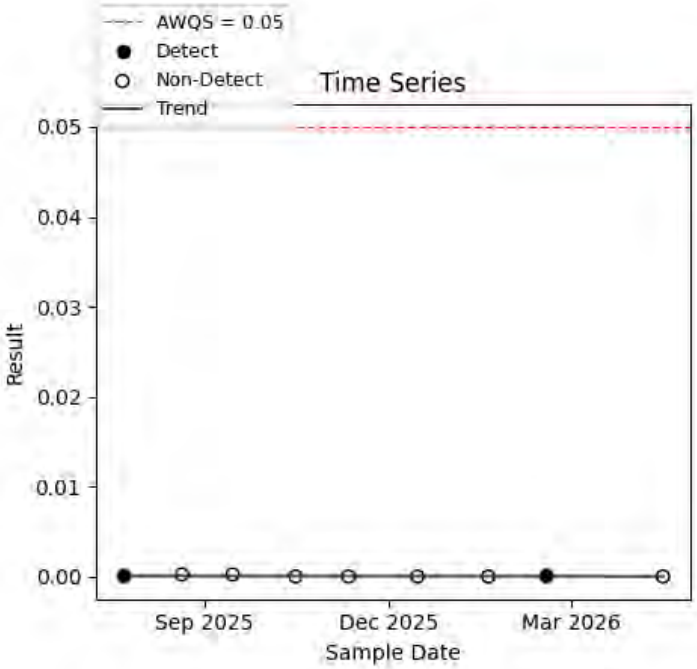
AWQS = 15 pCi/L

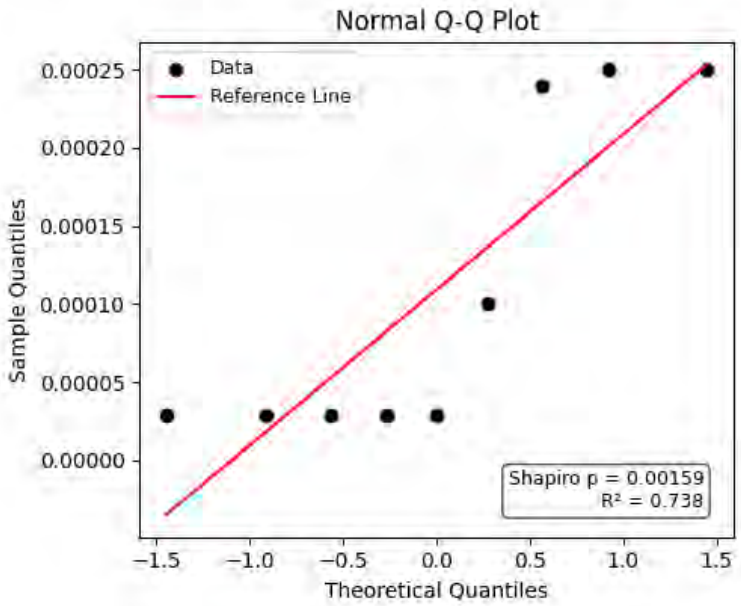
Figure: 10.12

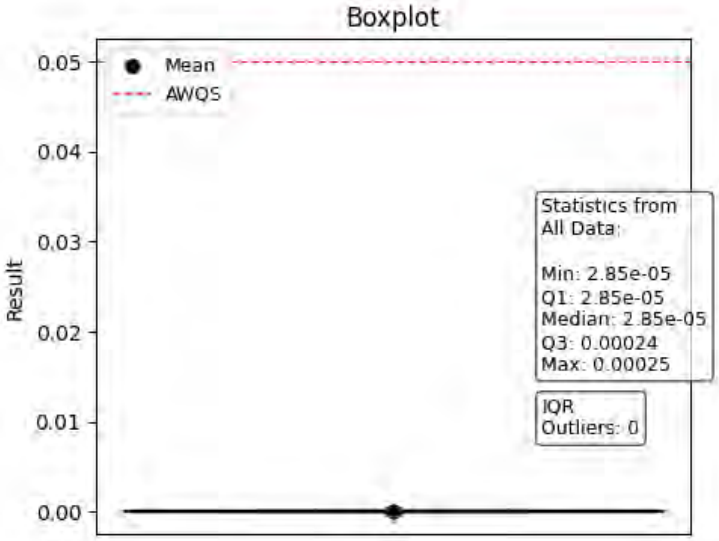
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Lead







Well ID: POC-10
Constituent: Lead
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000109
Median = 2.85e-05
Min = 2.85e-05
Max = 0.00025
StdDev = 0.000106
95%ile = 0.00025

% Non Detects = 77.8%

Distribution = Log-Normal
UTL (norm) = 0.00043
UTL (log) = 0.00165
UTL (np) = 0.00025

Trend = no trend
MK p = 0.123
MK s = -11

Rosner
Outliers = 0
CV% = 96.84

AWQS = 0.05 mg/L

Figure: 10.13

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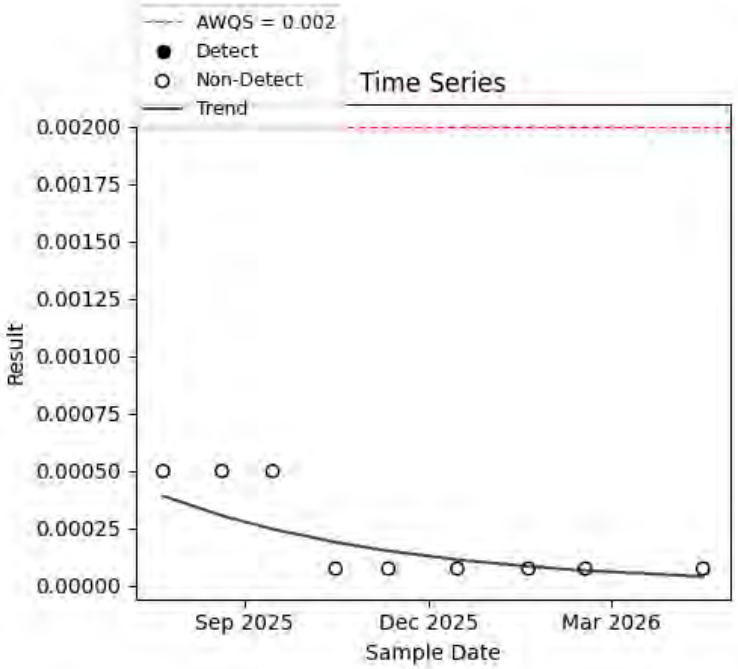
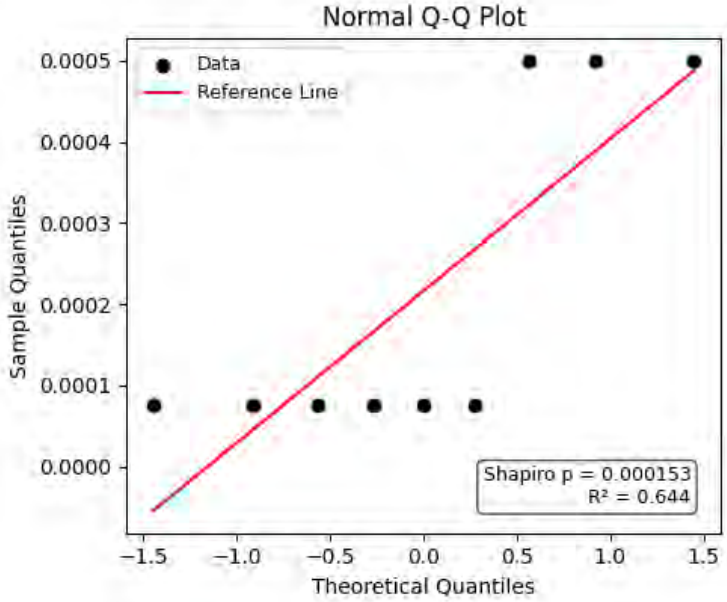
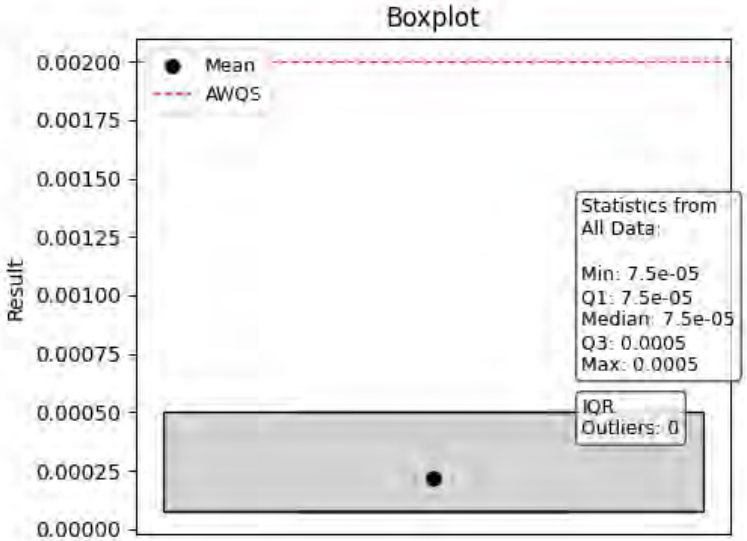
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Mercury







Well ID: POC-10
Constituent: Mercury
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.000217
Median = 7.5e-05
Min = 7.5e-05
Max = 0.0005
StdDev = 0.000213
95%ile = 0.0005

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 0.000861
UTL (log) = 0.0025
UTL (np) = 0.0005

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 98.08

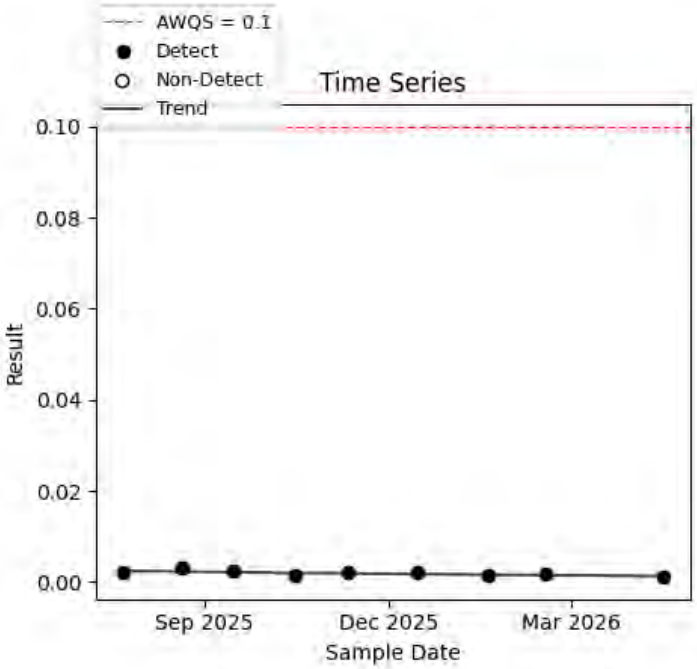
AWQS = 0.002 mg/L

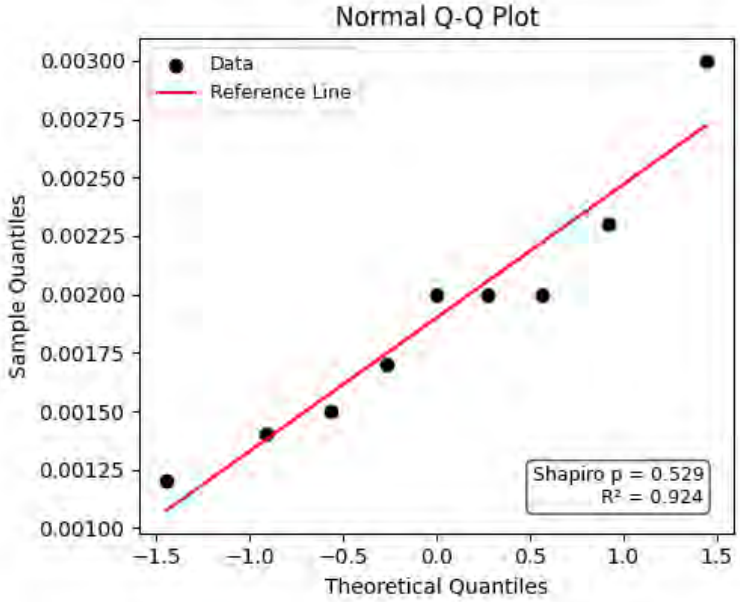
Figure: 10.14

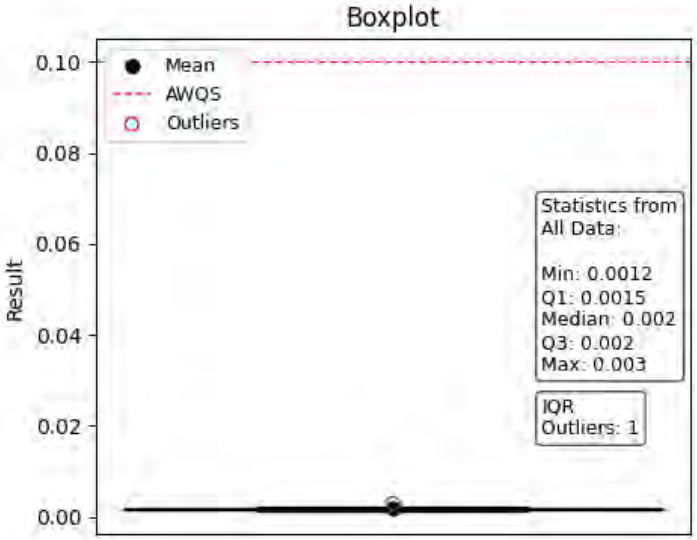
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Nickel







Well ID: POC-10
Constituent: Nickel
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0019
Median = 0.002
Min = 0.0012
Max = 0.003
StdDev = 0.000541
95%ile = 0.00272

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.00354
UTL (log) = 0.00425
UTL (np) = 0.003

Trend = decreasing
MK p = 0.0167
MK s = -21

Rosner
Outliers = 0
CV% = 28.46

AWQS = 0.1 mg/L

Figure: 10.15

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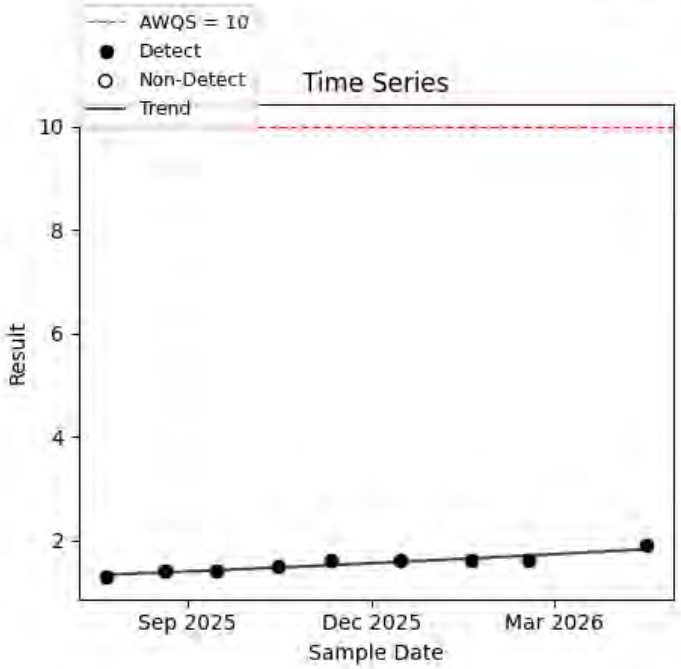
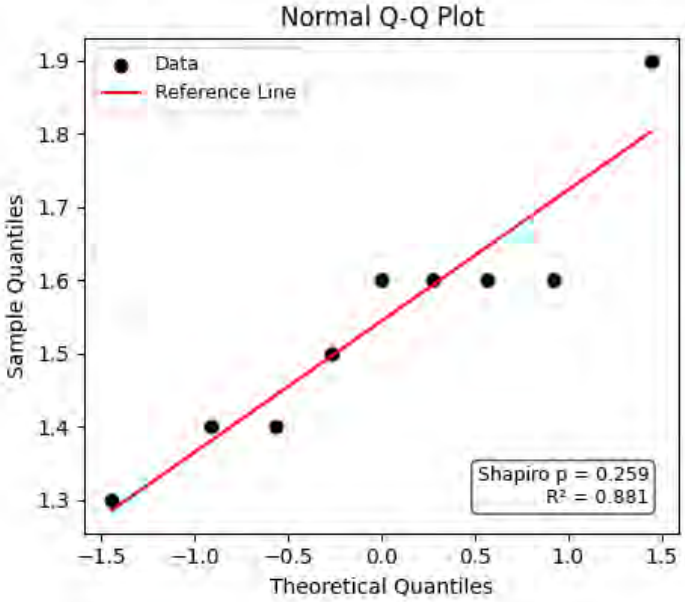
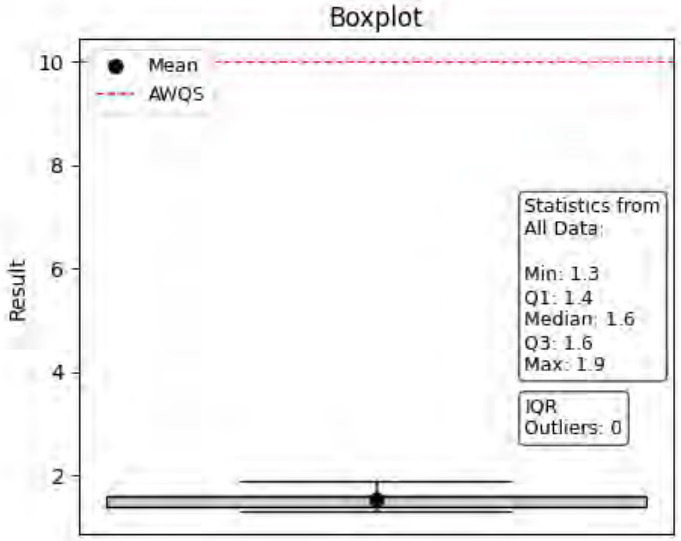
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Nitrate and Nitrite Sum







Well ID: POC-10
Constituent: Nitrate and Nitrite Sum
Units: nan
N = 9

Detect Only Stats:
Mean = 1.54
Median = 1.6
Min = 1.3
Max = 1.9
StdDev = 0.174
95%ile = 1.78

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 2.07
UTL (log) = 2.15
UTL (np) = 1.9

Trend = increasing
MK p = 0.00101
MK s = 29

Rosner
Outliers = 0
CV% = 11.27

AWQS = 10 nan

Figure: 10.16

Copper World, Inc.
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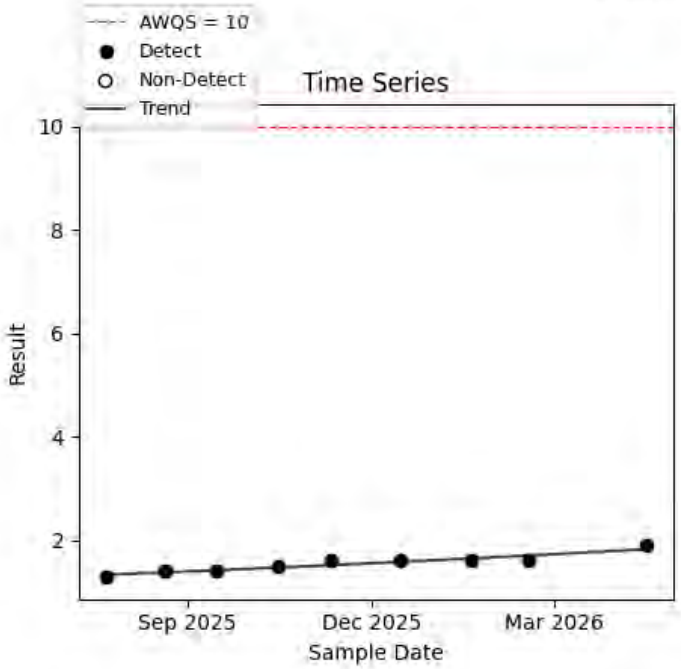
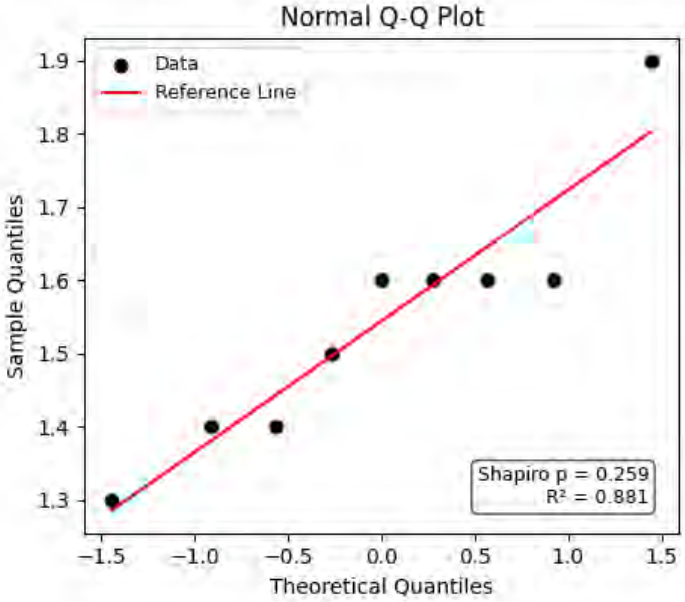
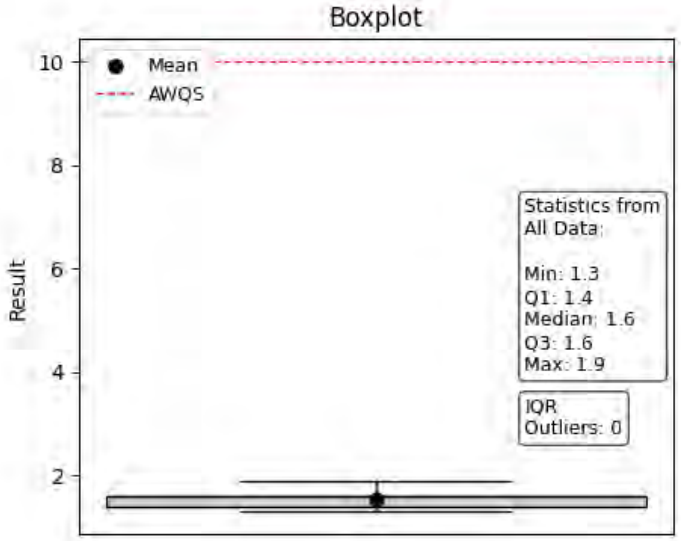
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Nitrogen, Nitrate (As N)







Well ID: POC-10
Constituent: Nitrogen, Nitrate (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 1.54
Median = 1.6
Min = 1.3
Max = 1.9
StdDev = 0.174
95%ile = 1.78

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 2.07
UTL (log) = 2.15
UTL (np) = 1.9

Trend = increasing
MK p = 0.00101
MK s = 29

Rosner
Outliers = 0
CV% = 11.27

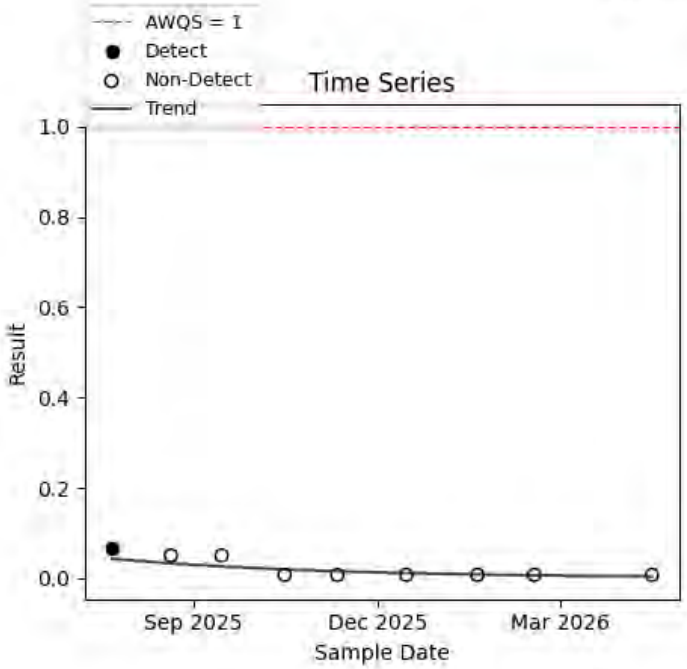
AWQS = 10 mg/L

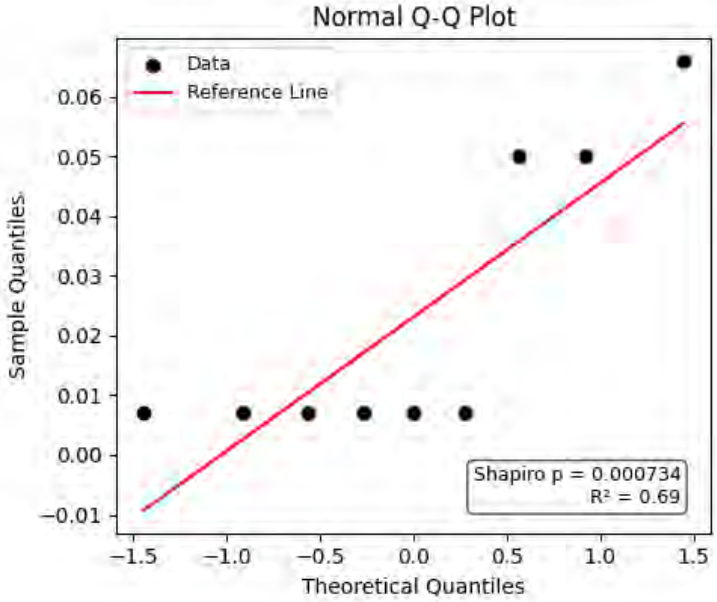
Figure: 10.17

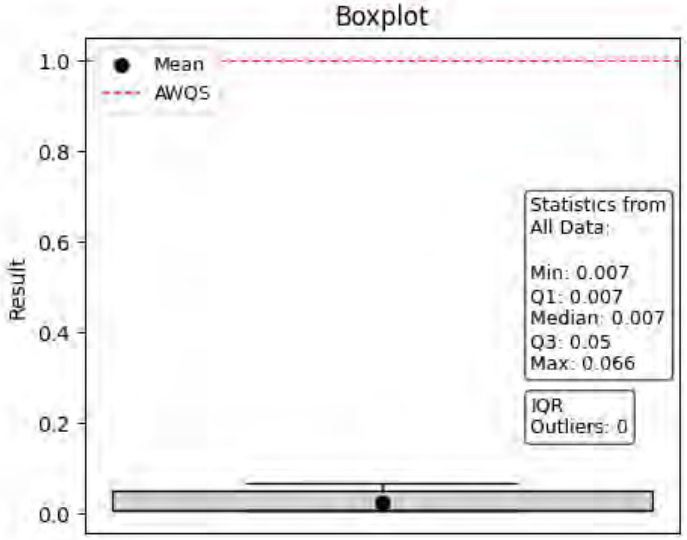
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Nitrogen, Nitrite (As N)







Well ID: POC-10
Constituent: Nitrogen, Nitrite (As N)
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.0231
Median = 0.007
Min = 0.007
Max = 0.066
StdDev = 0.0246
95%ile = 0.0596

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.0977
UTL (log) = 0.318
UTL (np) = 0.066

Trend = decreasing
MK p = 0.00819
MK s = -20

Rosner
Outliers = 0
CV% = 106.46

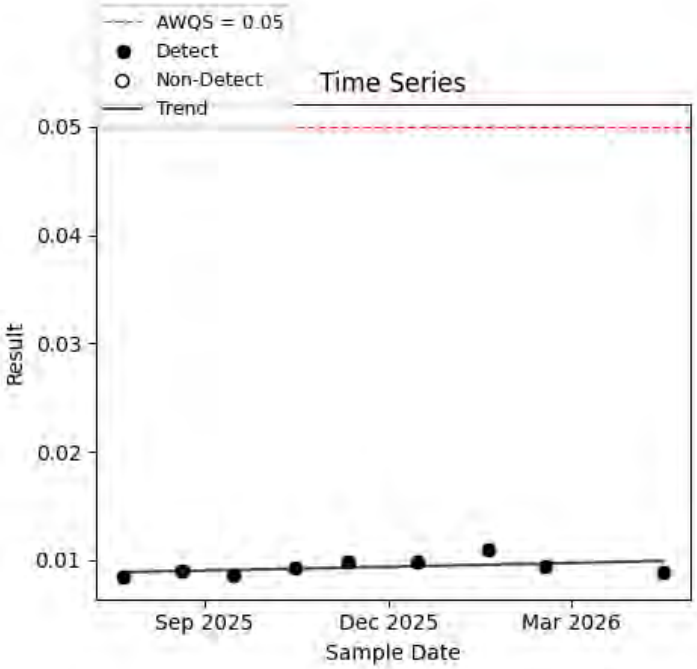
AWQS = 1 mg/L

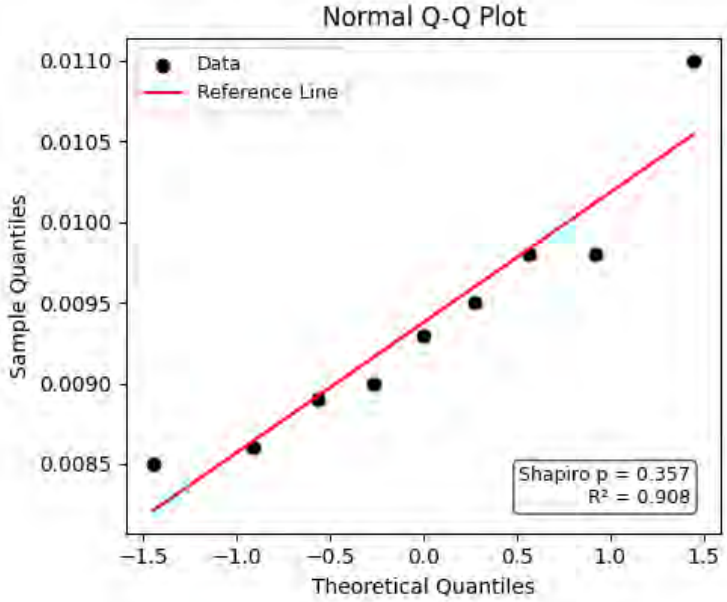
Figure: 10.18

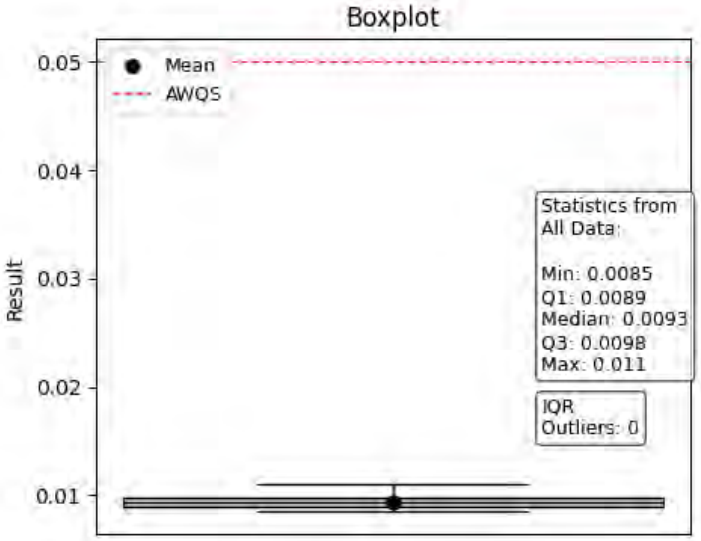
Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Selenium







Well ID: POC-10
Constituent: Selenium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 0.00938
Median = 0.0093
Min = 0.0085
Max = 0.011
StdDev = 0.000771
95%ile = 0.0105

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0117
UTL (log) = 0.0119
UTL (np) = 0.011

Trend = no trend
MK p = 0.0711
MK s = 15

Rosner
Outliers = 0
CV% = 8.22

AWQS = 0.05 mg/L

Figure: 10.19

Copper World, Inc.
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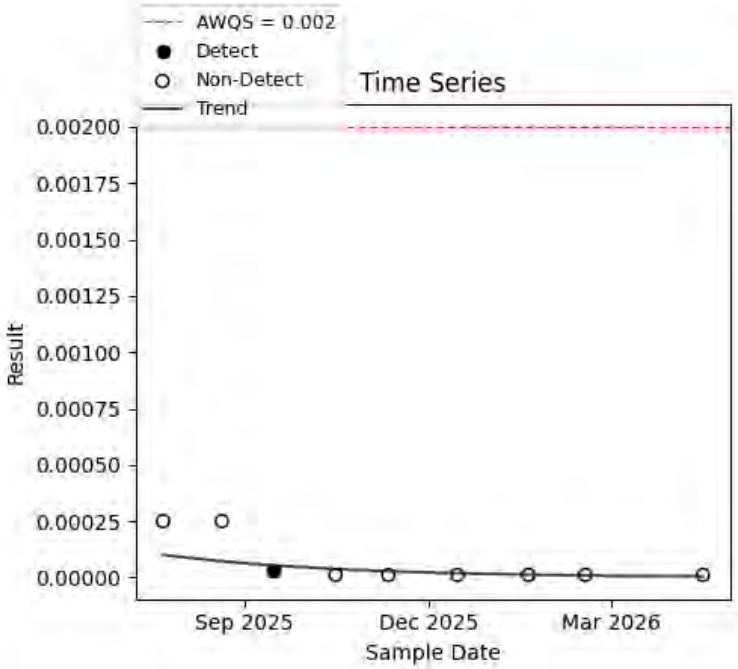
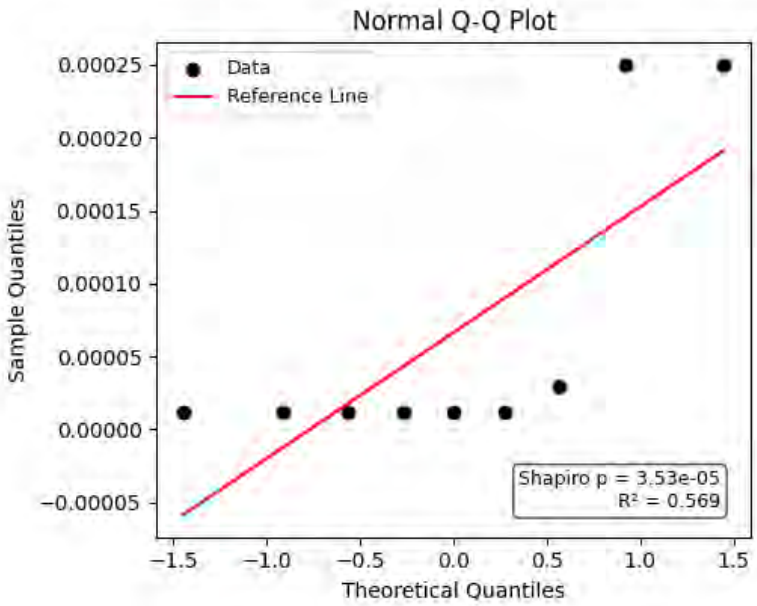
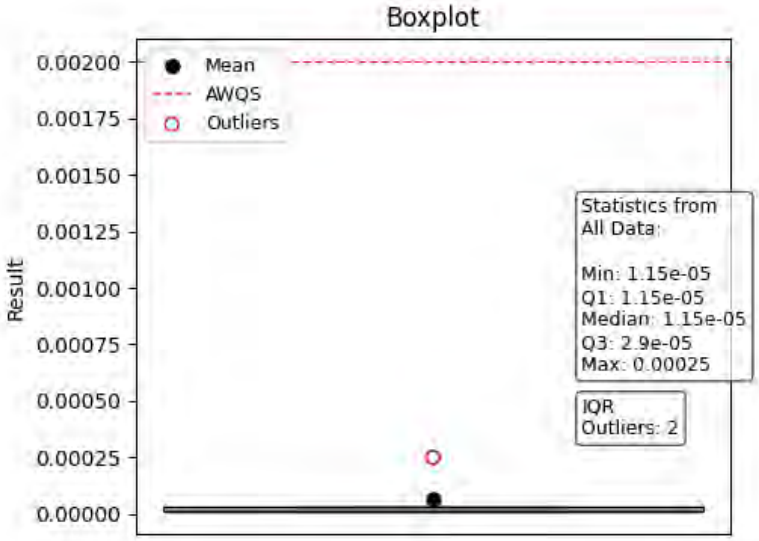
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Thallium







Well ID: POC-10
Constituent: Thallium
Units: mg/L
N = 9

Detect Only Stats:
Mean = 6.64e-05
Median = 1.15e-05
Min = 1.15e-05
Max = 0.00025
StdDev = 0.000104
95%ile = 0.00025

% Non Detects = 88.9%

Distribution = Nonparametric
UTL (norm) = 0.000382
UTL (log) = 0.00144
UTL (np) = 0.00025

Trend = decreasing
MK p = 0.00819
MK s = -20

Rosner
Outliers = 0
CV% = 156.86

AWQS = 0.002 mg/L

Figure: 10.20

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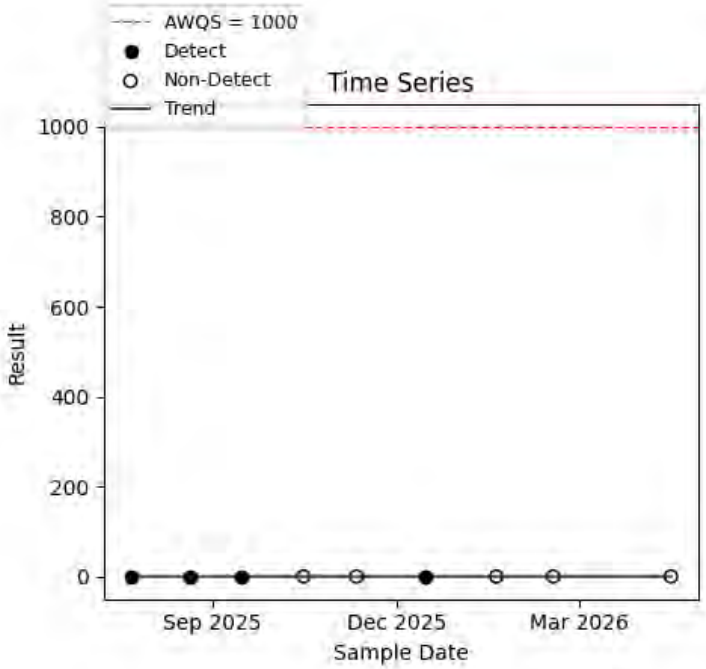
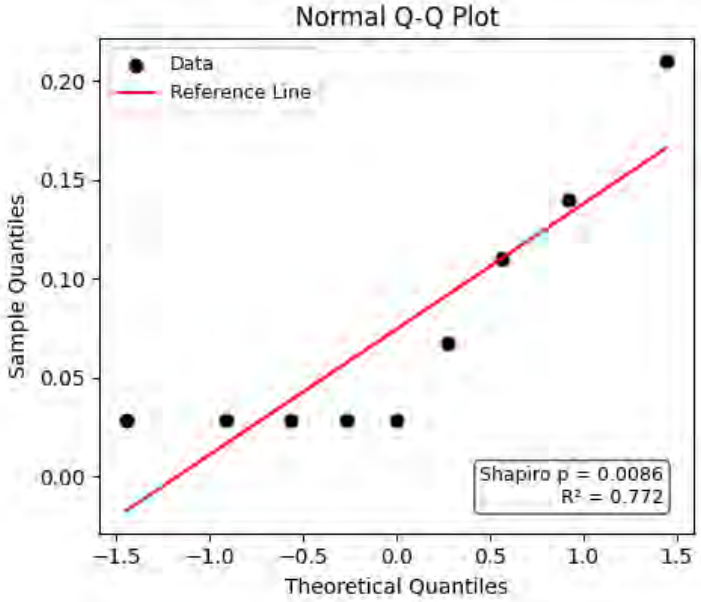
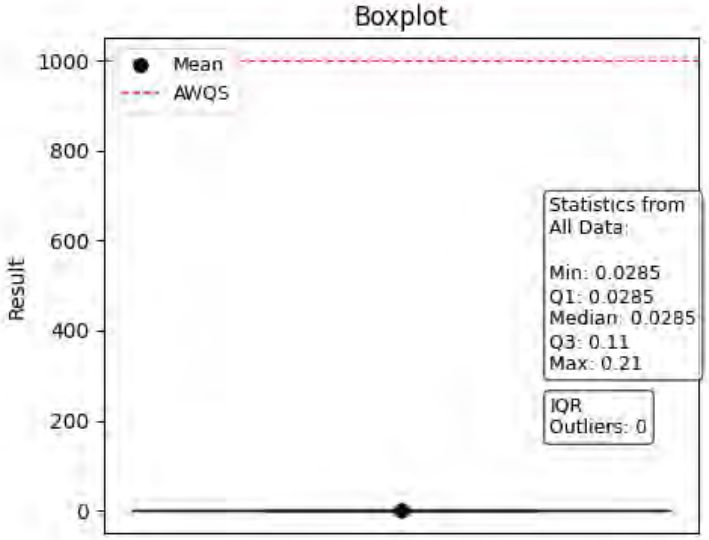
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Toluene







Well ID: POC-10
Constituent: Toluene
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.0744
Median = 0.0285
Min = 0.0285
Max = 0.21
StdDev = 0.0657
95%ile = 0.182

% Non Detects = 55.6%

Distribution = Normal
UTL (norm) = 0.274
UTL (log) = 0.647
UTL (np) = 0.21

Trend = no trend
MK p = 0.103
MK s = -12

Rosner
Outliers = 0
CV% = 88.34

AWQS = 1e+03 ug/L

Figure: 10.21

Copper World, Inc.
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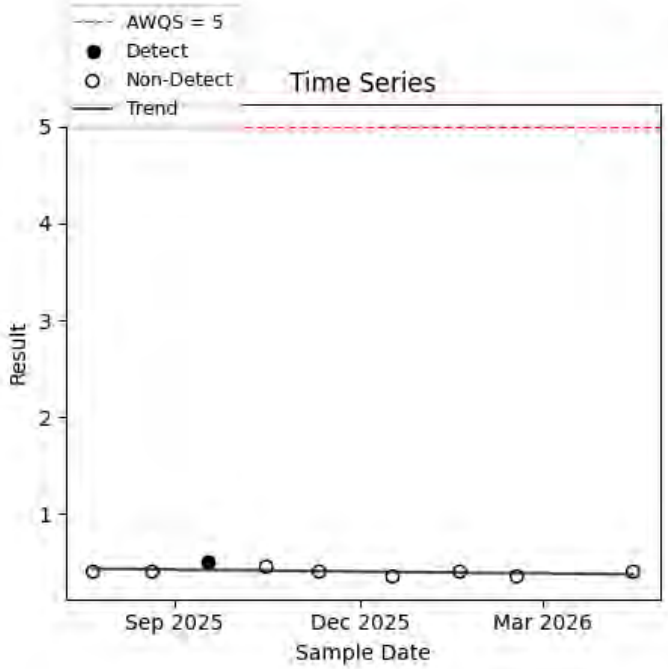
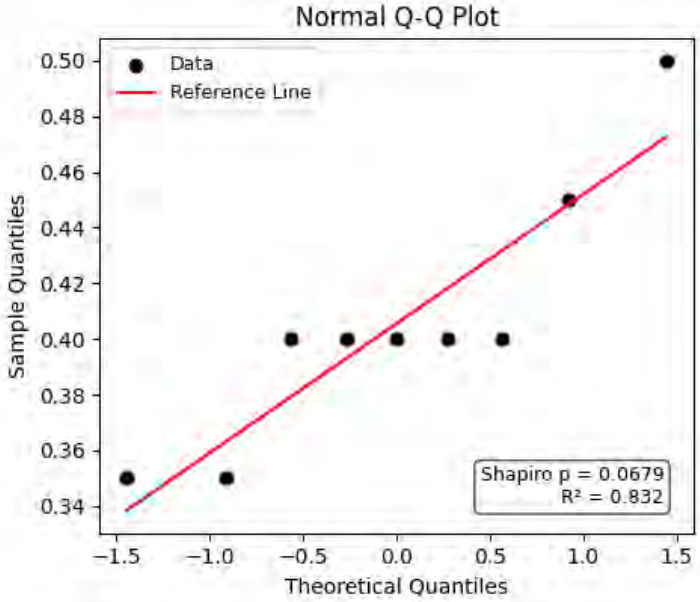
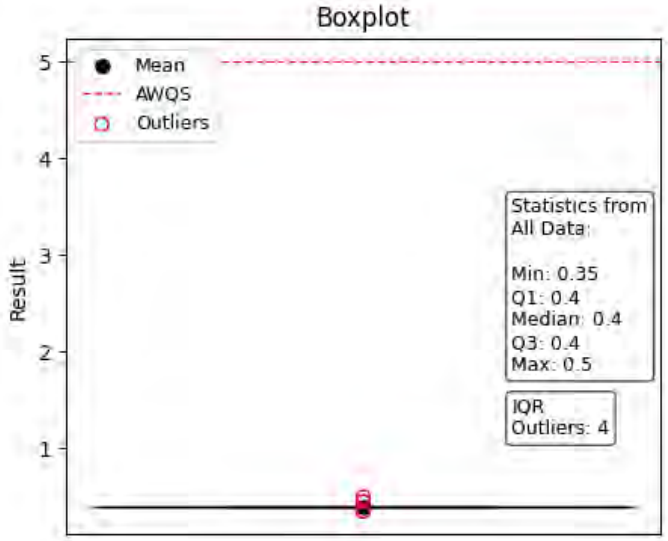
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Total Radium







Well ID: POC-10
Constituent: Total Radium
Units: pCi/L
N = 9

Detect Only Stats:
Mean = 0.406
Median = 0.4
Min = 0.35
Max = 0.5
StdDev = 0.0464
95%ile = 0.48

% Non Detects = 88.9%

Distribution = Normal
UTL (norm) = 0.546
UTL (log) = 0.565
UTL (np) = 0.5

Trend = no trend
MK p = 0.123
MK s = -11

Rosner
Outliers = 0
CV% = 11.44

AWQS = 5 pCi/L

Figure: 10.22

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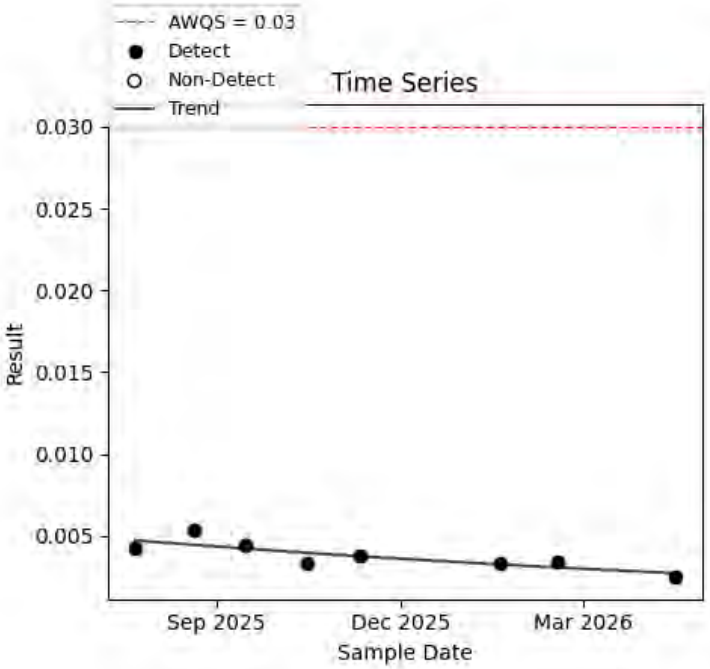
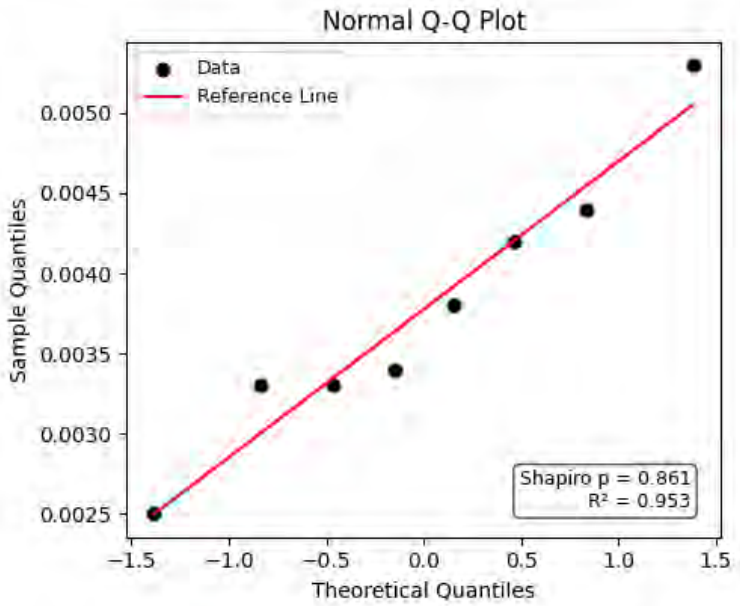
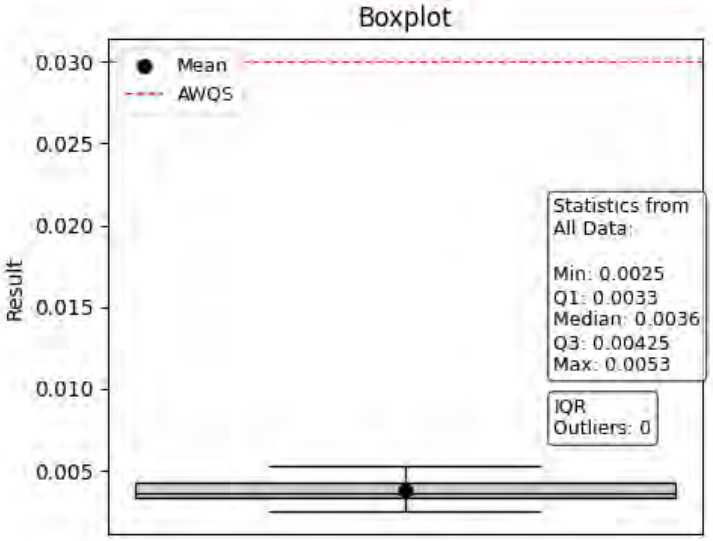
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Uranium







Well ID: POC-10
Constituent: Uranium
Units: mg/L
N = 8

Detect Only Stats:
Mean = 0.00378
Median = 0.0036
Min = 0.0025
Max = 0.0053
StdDev = 0.000855
95%ile = 0.00498

% Non Detects = 0.0%

Distribution = Normal
UTL (norm) = 0.0065
UTL (log) = 0.00763
UTL (np) = 0.0053

Trend = decreasing
MK p = 0.023
MK s = -17

Rosner
Outliers = 0
CV% = 22.64

AWQS = 0.03 mg/L

Figure: 10.23

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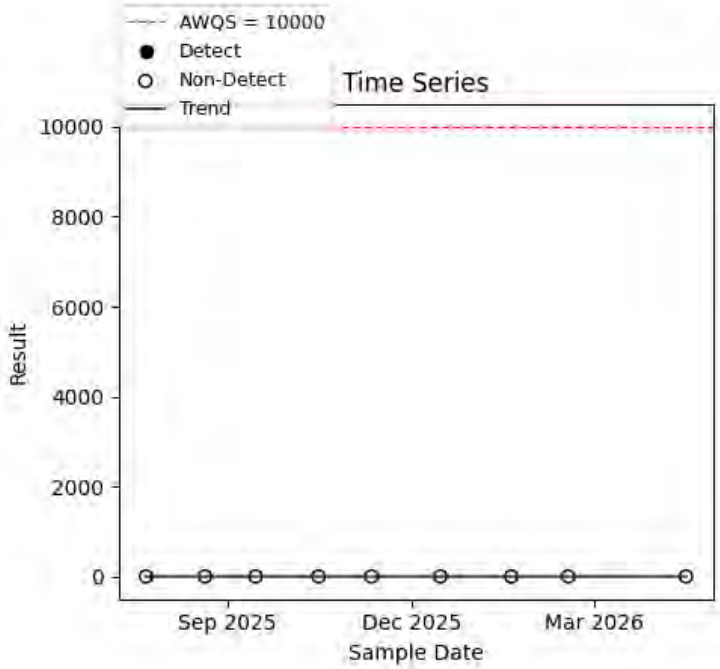
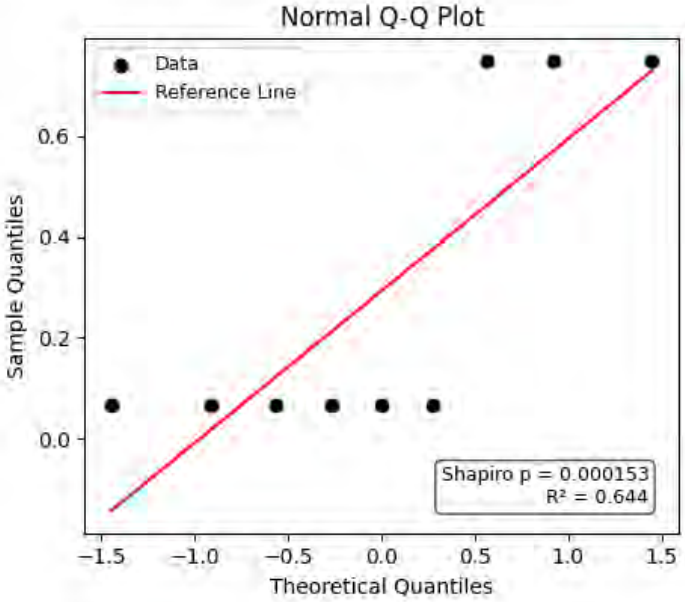
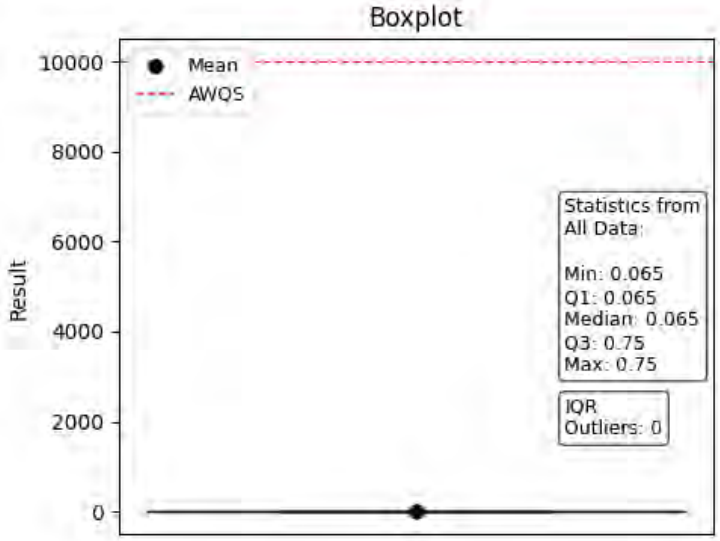
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux

POC-10 - Xylenes, Total







Well ID: POC-10
Constituent: Xylenes, Total
Units: ug/L
N = 9

Detect Only Stats:
Mean = 0.293
Median = 0.065
Min = 0.065
Max = 0.75
StdDev = 0.342
95%ile = 0.75

% Non Detects = 100.0%

Distribution = Nonparametric
UTL (norm) = 1.33
UTL (log) = 5.98
UTL (np) = 0.75

Trend = decreasing
MK p = 0.0141
MK s = -18

Rosner
Outliers = 0
CV% = 116.76

AWQS = 1e+04 ug/L

Figure: 10.24

Copper World, Inc.
Copper World Project
Helvetia, AZ

Piteau Associates
Created: L. Raffaeli
Approved: B. Giroux