TEAMENVIRONMENTAL.COM
760-872-1033
459 W. Line Street, Suite A
Bishop, CA 93514

Dr. Holly Alpert
Inyo County Water Department
135 South Jackson Street
Independence, CA 93526

August 8, 2024

BI-MONTHLY GROUNDWATER MONITORING REPORT, MAY TO JUNE 2024

CRYSTAL GEYSER ROXANE, CABIN BAR RANCH, INYO COUNTY, CALIFORNIA

Dear Dr. Alpert:

This letter summarizes hydrologic monitoring activities conducted in May and June 2024 by TEAM Environmental, Inc. (TEAM), in support of the Crystal Geyser Roxane (CGR) Cabin Bar Ranch Bottling Plant Groundwater Monitoring, Mitigation, and Reporting Plan (GMMRP).

BACKGROUND

As outlined in the GMMRP for Cabin Bar Ranch, dated June 18, 2014, a network of groundwater monitoring wells has been established for collection of water level and water quality data in support of the proposed Cabin Bar Ranch Bottling Facility (see Figure 1 and 2). The conditions of the GMMRP required a minimum of four months of continuous baseline groundwater data collection to characterize pre-project conditions and to assess the functionality of the monitoring system. In February 2016, TEAM was retained by CGR to collect the required baseline groundwater data and report directly to the Inyo County Water Department (ICWD), as an objective third-party monitor.

Baseline groundwater monitoring was initiated on March 1, 2016. The first four months of baseline groundwater monitoring data, including laboratory results of water quality samples, were summarized in the *Baseline Groundwater Monitoring Report, First and Second Quarter 2016* dated August 4, 2016. Monthly groundwater level monitoring activities continued, with bi-monthly reporting, until project pumping commenced in order to accurately document pre-pumping baseline conditions. Project pumping at the Cabin Bar Ranch Bottling Facility commenced on March 19, 2018.

In a letter to ICWD dated April 6, 2017, CGR provided a summary of the water level and water quality data to document pre-pumping baseline conditions and provided recommendations for the refinement of site-wide groundwater elevation trigger levels and water quality trigger levels in monitoring well OW-10m. The letter also recommended the installation of a deeper piezometer to replace well P-15, which has been seasonally dry, to better evaluate the range of groundwater fluctuations in the area. In a letter dated July 6, 2017, the ICWD concurred with these recommendations, which formalized the project trigger levels discussed herein.

March 2020 marked the end of the initial 2-year post-pumping groundwater monitoring period as outlined in the GMMRP. In accordance with the GMMRP Section 6.1.1 and Section 6.1.2, following two years of groundwater level and groundwater quality data, TEAM submitted to ICWD a report titled *Recommendations for Reduced Monitoring per GMMRP*, dated October 7, 2020. ICWD conditionally approved the recommendations in a letter dated November 1, 2020, requiring CGR to continue water level monitoring on a bi-monthly basis. The ICWD letter also required CGR to perform two more quarterly groundwater sampling events during the Fourth Quarter 2020 and First Quarter 2021, at which point the data and monitoring program were to be reassessed.

Additional monitoring recommendations were developed and presented by TEAM in the *Bi-Monthly Groundwater Monitoring per GMMRP, January to February 2021* report, dated March 12, 2021. ICWD conditionally approved the recommendations in a letter dated May 20, 2021, requiring CGR to continue water level monitoring on a bi-monthly basis with semi-annual groundwater sampling events to be conducted during the Second and Fourth Quarters of each year.

On June 23, 2022, Geosyntec installed replacement piezometer P-15A approximately 15 feet north of P-15 in accordance with ICWD's July 6, 2017, approval letter. A GWE trigger level for newly installed piezometer P-15A has not yet been established. ICWD has requested that manual water level measurements at P-15 continue to be monitored until a correlation between water levels at P-15 and P-15A can be established.

WATER LEVEL MONITORING

TEAM completed the May to June 2024 bi-monthly hydrologic data collection event at the GMMRP groundwater monitoring locations in the area of Cabin Bar Ranch (See Figure 2) on June 18, 2024. Static depth-to-water (DTW) measurements were collected by TEAM, as summarized in Table 2. Manual DTW measurements were referenced to a surveyed mark on the top of the well casing and converted to groundwater elevation (GWE), in feet above mean sea level. Any adjustment to the GWE calculation (e.g. for riser height) is included in the table.

Monitoring well datalogging systems (pressure transducers) have been installed and activated by CGR in all fourteen (14) GMMRP wells: CMW-2, MW-3, P-5, P-10, P-15/P-15A, PAT-1, OW-7u, OW-7m, OW-8us, OW-9u, OW-10u, OW-10m, RP-1 and SS-1A (see Figure 2). During the June 2024 monitoring event, water level or pressure measurements were collected from all of the measuring points defined in the GMMRP.

On June 18, 2024, a round of manual DTWs were collected by TEAM personnel, and the transducer data were downloaded for the period of April 9 to June 18, 2024. Manual DTWs and corresponding GWEs are included in Table 2. Pressure readings were collected from OW-8us and OW-9u, which both remained artesian in June. The data from each datalogger were correlated to manual DTWs from the beginning of the data period, or to the closest correlated data point when necessary. Hydrographs of each well have been provided in Attachment A.

WATER QUALITY MONITORING

The GMMRP for Cabin Bar Ranch required pre-pumping water quality monitoring to establish baseline conditions for the project. Baseline water quality sample collection was conducted in March, April, June, and September 2016. Due to delays in project implementation, and as agreed upon between CGR and ICWD, a final round of water quality samples representative of baseline conditions was collected on March 27, 2018.

Subsequent to the initiation of pumping in March 2018, the first round of quarterly water quality samples to be compared to the baseline dataset was collected in June 2018. Water quality samples have been collected quarterly from June 2018 to June 2021, and semi-annually from June 2021 through the current monitoring period. The results of water quality analysis collected from GMMRP monitoring locations are summarized in Table 3.

Groundwater samples were collected from nine (9) of the ten (10) GMMRP monitoring points in June 2024. Due to ongoing highway construction activities, well MW-3 was inaccessible for sampling during the June 2024 event. Wells CMW-2, PAT-1, OW-8us, OW-9u, and OW-7m were sampled on June 18, 2024, and wells OW-7u, OW-10m, OW-10u, and P-5 were sampled on June 19, 2024. The samples were transported to the analytical laboratories via expedited overnight mail with completed chain-of-custody forms. Monitoring Parameters were analyzed by Eurofins Calscience of Tustin, California, and Pace Analytical Laboratories of Bakersfield, California. Eurofins and Pace are both California state-certified laboratories.

Based on the analysis of total Title 22 priority pollutant metals, arsenic, barium, lead, molybdenum, vanadium, and zinc were detected above laboratory detection limits in one or more GMMRP wells in June 2024. Of these detections, only the arsenic concentrations identified in OW-7u and OW-7m (0.021 mg/L and 0.020 mg/L, respectively) exceed the maximum contaminant level (MCL) for arsenic in drinking water in California (0.010 mg/L). These detections are similar to samples collected previously at OW-7u and OW-7m. All other metal concentrations are below applicable primary MCLs. It should be noted that the trigger level for arsenic (0.0075 mg/L) is only applicable to wells CMW-2, OW-8us, OW-9u, OW-10u, OW-10m, and PAT-1 in accordance with the GMMRP. The approved water quality trigger levels for select wells are included in Table 5 for reference.

As indicated in the GMMRP Section 6.1.1, groundwater quality data is also required to be collected on a daily basis using sensors installed with the datalogging systems. Project monitoring wells OW-7u, OW-7m, OW-8us, OW-9u, OW-10m, P-5, and off-site wells CMW-2 and PAT-1 were equipped with AquaTroll 200 transducers. All transducers were set to record Electrical Conductivity (eC) every 4 hours. The conductivity data is plotted on the hydrographs in Attachment A.

PRODUCTION WELL TOTALIZER READINGS

Totalizer readings for the three Cabin Bar Ranch production wells (CGR-8, CGR-9, and CGR-10) were first collected on March 13, 2018, prior to the commencement of pumping on March 19, 2018, and during each subsequent monthly or bi-monthly monitoring event. Per the

GMMRP and ICWD direction, the combined annual allowable pumping amount for the Cabin Bar Ranch production wells is 360 acre-feet per year. The current annual project pumping amount, from March 11, 2024, to June 18, 2024, is approximately 54 acre-feet. Prior to this current pumping period, the five previously completed annual pumping period totals ranged from 155 to 280 acre-feet. The totalizer readings and a summary of these project pumping amounts are provided in Table 6.

TRIGGER LEVELS

A summary of baseline GWEs and water level trigger levels, based on drawdown (from baseline GWEs) or depth-to-water (P-15 only) for wells in which triggers have been established, is provided in Table 4. The reference baseline GWEs were approved by the ICWD in their July 2017 letter. No GWE trigger levels were exceeded based on the water level data collected in June 2024, nor during the project thus far. A GWE trigger level for newly installed piezometer P-15A has not yet been established.

Trigger levels for six water quality parameters, which apply to quarterly sampling data, are included in Table 5. No water quality trigger levels have been exceeded based on the samples collected during the project thus far. Per the GMMRP, an analysis of water quality data is required to be conducted to determine if an upward statistically significant trend in one of the water quality parameters indicates that a trigger level will be reached within a three-year period. Trends are reassessed approximately every six months with the addition of new data.

STATISTICAL ANALYSIS

A limited statistical analysis was conducted in June 2024 after the collection of semi-annual groundwater sample data. A linear regression analysis was performed on the six designated water quality parameters (sodium, chloride, bicarbonate, total dissolved solids [TDS], arsenic, and barium) at all trigger well locations. Graphs showing the concentrations over time and trendlines are included in Attachment C. Of the six water quality parameters, potentially increasing trends were noted in TDS concentrations at OW-8us and OW-9u. The R-squared values for TDS at OW-8us and OW-9u (0.38 and 0.32, respectively) indicate a weak positive correlation between the trendlines and the data. A projection of these trendlines for three years after the last sample collection (through June 2027) indicates that no exceedances of the respective trigger levels are predicted. Only trendlines with R-squared values greater than 0.10 are shown on the graphs. Values below 0.10 indicate that there is negligible positive correlation between the trendlines and the data and are considered statistically insignificant. No potentially increasing trends were noted among the other water quality parameters at any of the other trigger well locations.

OPERATIONAL NOTES

Totalizer data from May 2024 was collected by CGR and reported to TEAM. Totalizer data from June 2024 was collected directly by TEAM. It should be noted that production well CGR-8 has been offline with no power since the Cartago Fire in April 2024 and no totalizer readings were collected in May or June 2024. Well OW-7m was found in artesian condition during the

June 2024 monitoring event, and an accurate groundwater elevation could not be measured. The groundwater elevation for OW-7m is therefore listed in the tables as greater than the surveyed top of well casing. During the June 2024 monitoring event, it was discovered that the recently replaced transducers at wells CMW-2, PAT-1, P-5, and OW-10m were recording specific conductivity rather than actual conductivity which had been recorded historically. This conductivity data was corrected using the transducer manufacturers' conversion formula. There were no other significant operational issues during the reporting period.

ANTICIPATED ACTIVITIES

Bi-monthly reporting and semi-annual groundwater sampling will continue according to the requirements of the updated GMMRP. Collection of depth to water and download of transducer data is anticipated to be conducted in August 2024. In addition, totalizer reads from all three production wells (CGR-8, CGR-9 and CGR-10) will be collected in July by CGR and in August by TEAM. Collection of semi-annual water quality samples is anticipated to be conducted in December 2024.

* * * * * * *

If you have any questions or require additional information, please contact TEAM at your convenience.

Sincerely,
TEAM Environmental

Richard Shore
Project Geologist
richard@teamenvironmental.com

Attached: Appendix A: Transducer Data – Groundwater Hydrographs and Conductivity

Appendix B: Laboratory Data for Samples Collected June 18 & 19, 2024

Appendix C: Statistical Analysis Graphs

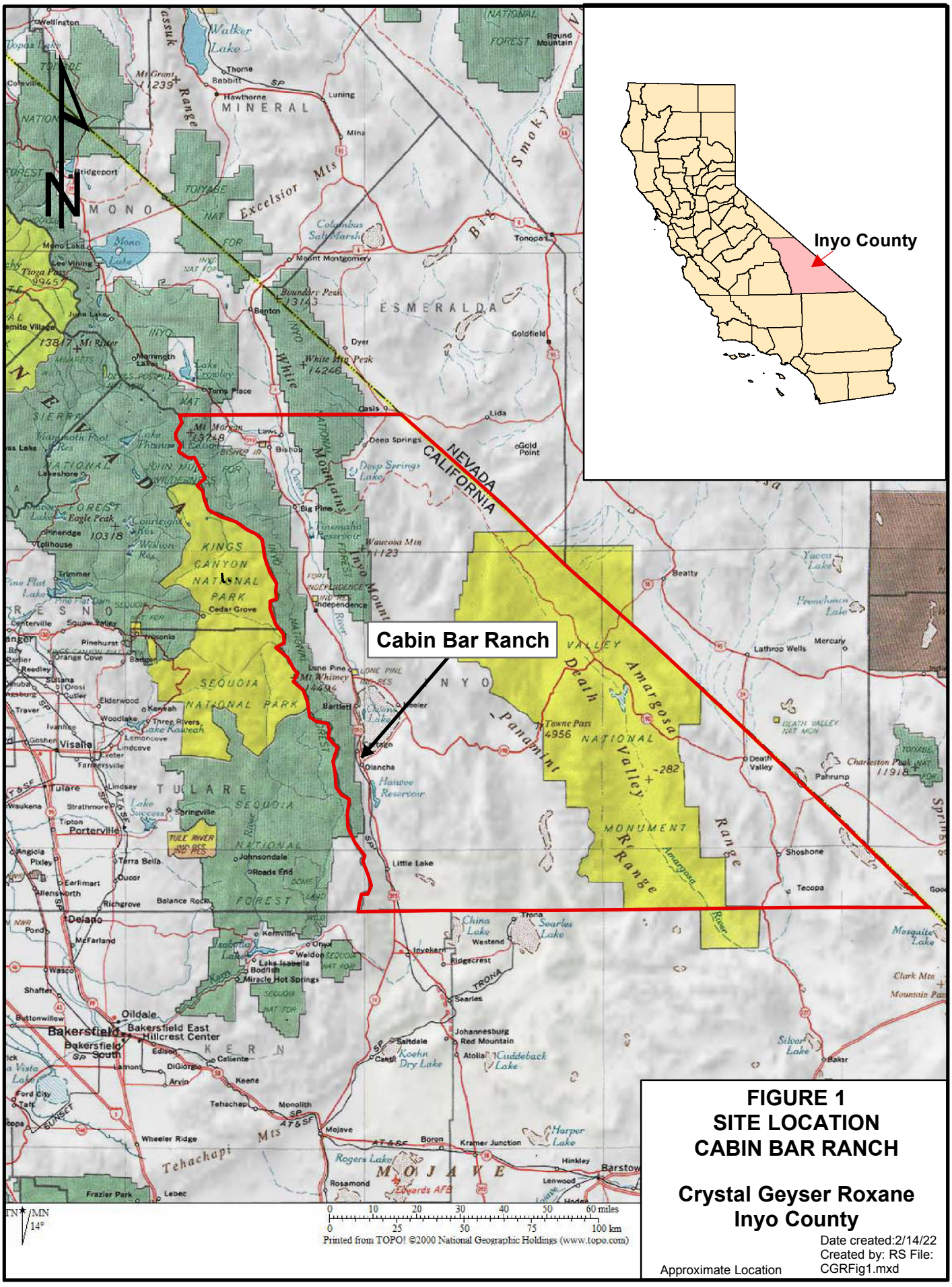


FIGURE 1
SITE LOCATION
CABIN BAR RANCH

Crystal Geyser Roxane
Inyo County

Approximate Location

Date created:2/14/22
Created by: RS File: CGRFig1.mxd

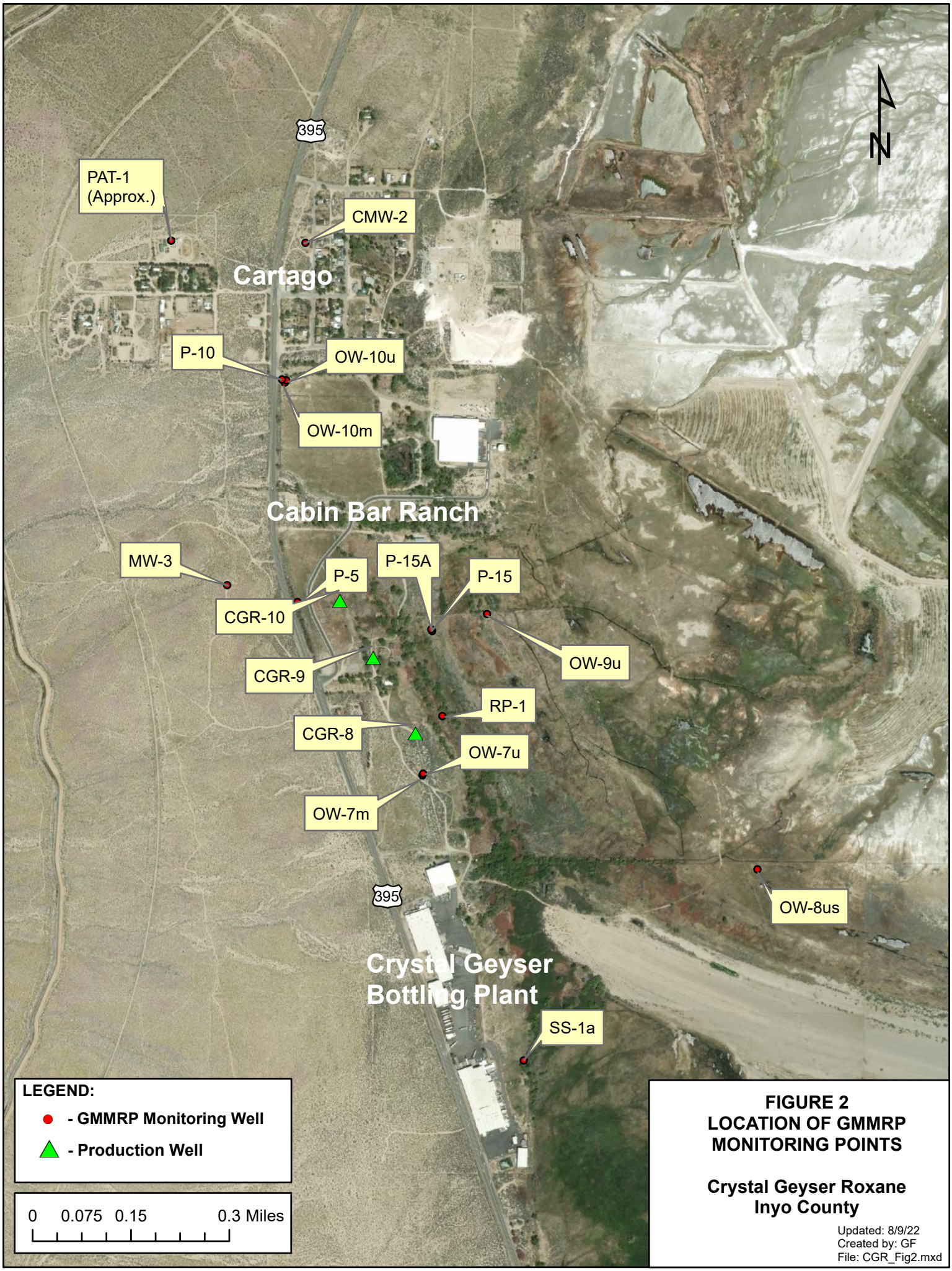

395
PAT-1
(Approx.)
CMW-2
Cartago
P-10
OW-10u
OW-10m
Cabin Bar Ranch
MW-3
P-5
P-15A
P-15
CGR-10
CGR-9
OW-9u
RP-1
CGR-8
OW-7u
OW-7m
395
OW-8us
Crystal Geyser
Bottling Plant
SS-1a
N
LEGEND:
- GMMRP Monitoring Well
- Production Well
0 0.075 0.15 0.3 Miles
FIGURE 2
LOCATION OF GMMRP
MONITORING POINTS
Crystal Geyser Roxane
Inyo County
Updated: 8/9/22
Created by: GF
File: CGR_Fig2.mxd

TABLE 1

SUMMARY OF GROUNDWATER MONITORING PROGRAM

Monitoring Area	Well #	Monitored Zone	Pressure Transducer Installed (Y/N)	Depth of Well Screen Interval (ft bgs)[2]	Monthly Water Level Monitoring	Quarterly Groundwater Quality Monitoring	Trigger Level (ft of drawdown)	Purpose or Rationale
Northern	P-10	Shallow	Y	33 - 48	X	-	6	Monitor area north of production wells and provide sentinel monitoring to Cartago Area.
	OW-10U	Shallow	Y	65 – 85	X	X	6	
	OW-10M	Deep	Y	115 – 150	X	X	6	
Western	P-5	Shallow	Y	23 - 28	X	X	-	Monitor area hydraulically upgradient of production wells.
	MW-3	Deep	Y	200 – 420	X	X	-	
Southern	OW-7U	Shallow	Y	54 - 74	X	X	10	Monitor area south of production wells.
	OW-7M	Deep	Y	212 – 252	X	X	10	
Eastern	OW-8US	Shallow	Y	55 – 75	X	X	-	Provide sentinel monitoring to potential brine intrusion from the east.
	OW-9U	Shallow	Y	55 – 75	X	X	7	
Off-Site	CMW-2	Deep	Y	115 - 150	X	X	-	Monitor Cartago area.
	PAT-1	Shallow/Deep	Y	50 – 155	X	X	-	
Vegetation Monitoring	P-15	Shallow	N	4-9	X	-	DTW>5.4[1]	Monitor wetland area east of production wells.
	P-15A	Shallow	Y	4.6 – 14.6	X	-	Not Yet Established	
	SS-1A	Shallow	Y	5 – 15	X	-	-	
	RP-1	Shallow	Y	7.5 -8.5	X	-	-	

Explanation:
Y/N: Yes/No
X: Designated for monitoring per table heading.
ft bgs: feet below ground surface
ft btoc: feet below top of casing
- : Not Required by GMMRP
Notes:
1: Trigger level for P-15 is water level below 5.4 ft btoc for any continuous 12-month period
2: Well information as provided by Geosyntec to TEAM in March 2015 and July 2022.

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
CMW-2	Cartago MWC Supply Well #2	3635.52	6/15/2016	11:45	20.29	0.0	3615.23
			7/26/2016	9:16	21.00	0.0	3614.52
			8/24/2016	10:10	20.91	0.0	3614.61
			9/15/2016	9:53	20.93	0.0	3614.59
			11/22/2016	9:42	20.60	0.0	3614.92
			12/14/2016	9:39	20.40	0.0	3615.12
			1/25/2017	10:02	20.31	0.0	3615.21
			2/23/2017	9:37	19.98	0.0	3615.54
			3/22/2017	9:47	19.74	0.0	3615.78
			4/27/2017	9:50	19.25	0.0	3616.27
			5/30/2017	9:00	18.39	0.0	3617.13
			6/21/2017	10:00	18.30	0.0	3617.22
			7/18/2017	9:23	18.15	0.0	3617.37
			8/22/2017	9:31	17.90	0.0	3617.62
			9/26/2017	9:59	17.40	0.0	3618.12
			10/30/2017	9:39	17.22	0.0	3618.30
			11/21/2017	9:15	16.92	0.0	3618.60
			12/19/2017	9:47	16.85	0.0	3618.67
			1/18/2018	9:57	16.75	0.0	3618.77
			2/15/2018	10:10	16.74	0.0	3618.78
			3/13/2018	9:30	16.62	0.0	3618.90
			4/18/2018	9:30	16.90	0.0	3618.62
			5/22/2018	10:09	17.30	0.0	3618.22
			6/12/2018	8:50	17.94	0.0	3617.58
			7/17/2018	9:54	17.97	0.0	3617.55
			8/14/2018	8:40	18.17	0.0	3617.35
			9/19/2018	9:45	18.25	0.0	3617.27
			10/16/2018	10:08	18.26	0.0	3617.26
			11/13/2018	9:08	18.09	0.0	3617.43
			12/11/2018	9:15	18.08	0.0	3617.44
			1/16/2019	9:45	17.83	0.0	3617.69
			2/12/2019	9:13	17.87	0.0	3617.65
			3/14/2019	9:45	17.85	0.0	3617.67
			4/16/2019	10:20	18.11	0.0	3617.41
			5/21/2019	9:45	17.60	0.0	3617.92
			6/18/2019	9:15	16.82	0.0	3618.70
			7/16/2019	9:35	16.45	0.0	3619.07
			8/13/2019	9:21	16.59	0.0	3618.93
			9/17/2019	9:45	16.22	0.0	3619.30
			10/10/2019	9:30	16.10	0.0	3619.42
			11/13/2019	9:15	16.23	0.0	3619.29
			12/10/2019	8:40	15.97	0.0	3619.55
			1/14/2020	9:20	15.98	0.0	3619.54
			2/18/2020	9:15	15.73	0.0	3619.79
			3/18/2020	9:20	15.76	0.0	3619.76
			4/14/2020	9:50	15.54	0.0	3619.98
			5/19/2020	9:30	15.60	0.0	3619.92
			6/18/2020	9:30	15.81	0.0	3619.71
			7/14/2020	9:45	15.84	0.0	3619.68
			8/12/2020	8:50	16.36	0.0	3619.16
			9/15/2020	9:50	16.25	0.0	3619.27
			10/13/2020	8:35	16.78	0.0	3618.74
			12/8/2020	9:10	16.33	0.0	3619.19
			2/16/2021	8:40	16.21	0.0	3619.31
			4/13/2021	9:40	16.67	0.0	3618.85
			6/15/2021	8:32	17.25	0.0	3618.27
			8/12/2021	8:55	17.95	0.0	3617.57
			10/12/2021	9:57	18.12	0.0	3617.40
			12/6/2021	9:30	17.95	0.0	3617.57
			2/11/2022	9:20	18.01	0.0	3617.51
			4/5/2022	9:35	18.10	0.0	3617.42
			6/14/2022	10:00	18.88	0.0	3616.64
			8/8/2022	9:20	19.00	0.0	3616.52
			10/6/2022	9:55	19.80	0.0	3615.72
			12/13/2022	9:15	19.56	0.0	3615.96
			2/7/2023	9:30	19.64	0.0	3615.88
			4/11/2023	9:25	19.02	0.0	3616.50
			6/5/2023	9:25	18.20	0.0	3617.32
			8/2/2023	9:30	17.10	0.0	3618.42
			10/12/2023	9:30	15.45	0.0	3620.07
			12/12/2023	9:20	14.80	0.0	3620.72
			2/13/2024	9:40	14.90	0.0	3620.62
			4/9/2024	9:25	14.41	0.0	3621.11
			6/18/2024	9:50	14.30	0.0	3621.22

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
MW-3	Cabin Bar Monitoring Well #3	3676.13	3/1/2016	10:15	53.43	0.0	3622.70
			4/5/2016	12:41	53.65	0.0	3622.48
			5/9/2016	11:37	54.28	0.0	3621.85
			6/14/2016	12:00	54.57	0.0	3621.56
			7/26/2016	11:22	55.04	0.0	3621.09
			8/24/2016	11:25	55.27	0.0	3620.86
			9/14/2016	14:00	55.46	0.0	3620.67
			11/22/2016	12:34	54.81	0.0	3621.32
			12/14/2016	11:55	54.64	0.0	3621.49
			1/25/2017	NM	NM	NM	NM
			2/23/2017	11:54	54.09	0.0	3622.04
			3/22/2017	11:50	53.60	0.0	3622.53
			4/27/2017	11:22	53.20	0.0	3622.93
			5/30/2017	9:37	52.29	0.0	3623.84
			6/21/2017	11:12	51.74	0.0	3624.39
			7/18/2017	NM	NM	NM	NM
			8/22/2017	10:58	51.40	0.0	3624.73
			9/26/2017	12:40	50.35	0.0	3625.78
			10/30/2017	11:01	50.80	0.0	3625.33
			11/21/2017	12:18	50.73	0.0	3625.40
			12/19/2017	13:40	50.48	0.0	3625.65
			1/18/2018	12:26	50.28	0.0	3625.85
			2/15/2018	12:40	50.24	0.0	3625.89
			3/13/2018	12:15	50.04	0.0	3626.09
			4/18/2018	12:44	50.53	0.0	3625.60
			5/22/2018	11:53	50.93	0.0	3625.20
			6/12/2018	12:27	51.15	0.0	3624.98
			7/17/2018	12:48	51.52	0.0	3624.61
			8/14/2018	11:53	51.81	0.0	3624.32
			9/19/2018	11:45	52.17	0.0	3623.96
			10/16/2018	11:50	52.02	0.0	3624.11
			11/13/2018	12:14	51.91	0.0	3624.22
			12/11/2018	9:40	51.66	0.0	3624.47
			1/16/2019	11:25	51.50	0.0	3624.63
			2/12/2019	11:50	51.43	0.0	3624.70
			3/14/2019	10:44	51.37	0.0	3624.76
			4/16/2019	11:35	51.11	0.0	3625.02
			5/21/2019	11:06	50.45	0.0	3625.68
			6/18/2019	11:05	49.80	0.0	3626.33
			7/16/2019	11:25	49.28	0.0	3626.85
			8/13/2019	10:50	49.63	0.0	3626.50
			9/17/2019	11:30	49.83	0.0	3626.30
			10/10/2019	11:30	49.65	0.0	3626.48
			11/13/2019	11:05	49.21	0.0	3626.92
			12/10/2019	10:05	49.09	0.0	3627.04
			1/14/2020	11:25	48.71	0.0	3627.42
			2/18/2020	11:00	48.56	0.0	3627.57
			3/18/2020	10:55	48.42	0.0	3627.71
			4/14/2020	11:35	48.75	0.0	3627.38
			5/19/2020	11:30	48.75	0.0	3627.38
			6/18/2020	11:40	48.77	0.0	3627.36
			7/14/2020	12:40	49.03	0.0	3627.10
			8/12/2020	11:50	49.40	0.0	3626.73
			9/15/2020	12:10	49.85	0.0	3626.28
			10/13/2020	10:25	50.04	0.0	3626.09
			12/8/2020	12:00	49.55	0.0	3626.58
			2/16/2021	11:45	49.32	0.0	3626.81
			4/13/2021	10:37	49.70	0.0	3626.43
			6/15/2021	11:48	50.63	0.0	3625.50
			8/12/2021	9:50	51.38	0.0	3624.75
			10/12/2021	10:51	51.70	0.0	3624.43
			12/6/2021	11:05	51.32	0.0	3624.81
			2/11/2022	10:25	51.14	0.0	3624.99
			4/5/2022	10:30	51.33	0.0	3624.80
			6/14/2022	12:00	52.48	0.0	3623.65
			8/8/2022	11:10	52.98	0.0	3623.15
			10/6/2022	13:15	53.25	0.0	3622.88
			12/13/2022	10:35	52.78	0.0	3623.35
			2/7/2023	11:05	52.54	0.0	3623.59
			4/11/2023	11:50	51.91	0.0	3624.22
			6/5/2023	12:15	50.71	0.0	3625.42
			8/2/2023	11:50	49.53	0.0	3626.60
			10/12/2023	10:30	49.18	0.0	3626.95
			12/12/2023	12:15	48.16	0.0	3627.97
			2/13/2024	12:50	47.44	0.0	3628.69
			4/9/2024	12:45	46.92	0.0	3629.21
			6/18/2024	12:55	46.88	0.0	3629.25

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
OW-7U	Observation Well 7U	3626.12	3/1/2016	13:20	13.06	0.5	NC
			4/5/2016	11:24	12.43	0.0	3613.69
			5/9/2016	9:42	12.75	0.0	3613.37
			6/14/2016	9:46	13.18	0.0	3612.94
			7/26/2016	10:29	14.07	0.0	3612.05
			8/24/2016	10:32	14.25	0.0	3611.87
			9/14/2016	10:07	14.16	0.0	3611.96
			11/22/2016	11:16	13.68	0.0	3612.44
			12/14/2016	10:52	13.24	0.0	3612.88
			1/25/2017	NM	NM	NM	NM
			2/23/2017	10:56	12.64	0.0	3613.48
			3/22/2017	10:56	12.53	0.0	3613.59
			4/27/2017	10:25	12.63	0.0	3613.49
			5/30/2017	10:36	12.81	0.0	3613.31
			6/21/2017	10:20	12.25	0.0	3613.87
			7/18/2017	10:31	12.25	0.0	3613.87
			8/22/2017	10:40	12.36	0.0	3613.76
			9/26/2017	12:26	12.22	0.0	3613.90
			10/30/2017	10:40	11.59	0.0	3614.53
			11/21/2017	11:43	11.55	0.0	3614.57
			12/19/2017	13:26	11.42	0.0	3614.70
			1/18/2018	10:47	11.36	0.0	3614.76
			2/15/2018	11:00	11.35	0.0	3614.77
			3/13/2018	10:33	11.64	0.0	3614.48
			4/27/2018	10:54	11.70	0.0	3614.42
			5/22/2018	11:30	11.59	0.0	3614.53
			6/12/2018	10:18	12.13	0.0	3613.99
			7/17/2018	12:34	12.39	0.02	3613.71
			8/14/2018	10:43	12.76	0.02	3613.34
			9/24/2018	11:46	12.75	0.02	3613.35
			10/16/2018	10:40	12.78	0.02	3613.32
			11/13/2018	12:42	12.50	0.02	3613.60
			12/11/2018	10:15	11.81	0.02	3614.29
			1/16/2019	11:10	12.17	0.02	3613.93
			2/12/2019	10:55	11.94	0.02	3614.16
			3/14/2019	10:35	11.92	0.02	3614.18
			4/16/2019	10:50	11.88	0.02	3614.22
			5/21/2019	12:30	12.01	0.02	3614.09
			6/18/2019	10:10	11.67	0.02	3614.43
			7/16/2019	10:25	11.98	0.02	3614.12
			8/13/2019	12:24	12.19	0.02	3613.91
			9/17/2019	10:45	12.13	0.02	3613.97
			10/10/2019	10:25	11.91	0.02	3614.19
			11/13/2019	12:49	11.53	0.02	3614.57
			12/10/2019	9:20	11.26	0.02	3614.84
			1/14/2020	10:20	11.51	0.02	3614.59
			2/18/2020	12:25	11.07	0.02	3615.03
			3/18/2020	10:00	11.53	0.02	3614.57
			4/14/2020	10:40	11.43	0.02	3614.67
			5/19/2020	12:30	10.98	0.02	3615.12
			6/18/2020	10:35	11.44	0.02	3614.66
			7/14/2020	10:40	11.51	0.02	3614.59
			8/12/2020	10:32	11.52	0.02	3614.58
			9/15/2020	10:55	11.78	0.02	3614.32
			10/13/2020	9:55	11.44	0.02	3614.66
			12/8/2020	10:10	11.27	0.02	3614.83
			2/16/2021	10:12	11.17	0.02	3614.93
			4/13/2021	12:02	11.33	0.02	3614.77
			6/15/2021	9:53	12.05	0.02	3614.05
			8/12/2021	11:07	12.70	0.02	3613.40
			10/12/2021	12:43	12.75	0.02	3613.35
			12/6/2021	13:30	11.96	0.02	3614.14
			2/11/2022	10:45	11.98	0.02	3614.12
			4/5/2022	10:50	11.78	0.02	3614.32
			6/14/2022	11:20	12.78	0.02	3613.32
			8/8/2022	12:10	12.99	0.02	3613.11
			10/6/2022	12:00	13.41	0.02	3612.69
			12/13/2022	11:40	12.63	0.02	3613.47
			2/7/2023	10:50	12.17	0.02	3613.93
			4/11/2023	10:30	11.52	0.02	3614.58
			6/5/2023	11:10	11.59	0.02	3614.51
			8/2/2023	10:50	11.99	0.02	3614.11
			10/12/2023	11:10	11.26	0.02	3614.84
			12/12/2023	13:20	10.81	0.02	3615.29
			2/13/2024	11:10	10.62	0.02	3615.48
			4/9/2024	10:10	10.24	0.02	3615.86
			6/18/2024	11:30	10.57	0.02	3615.53

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
OW-7M	Observation Well 7M	3626.30	3/1/2016	13:25	3.05	0.0	3623.25
			4/5/2016	11:26	3.68	0.0	3622.62
			5/9/2016	9:47	4.38	0.0	3621.92
			6/14/2016	9:52	4.76	0.0	3621.54
			7/26/2016	10:34	5.19	0.0	3621.11
			8/24/2016	10:37	5.39	0.0	3620.91
			9/14/2016	10:09	5.60	0.0	3620.70
			11/22/2016	11:21	4.32	0.0	3621.98
			12/14/2016	10:57	4.18	0.0	3622.12
			1/25/2017	NM	NM	NM	NM
			2/23/2017	11:03	3.51	0.0	3622.79
			3/22/2017	11:01	3.13	0.0	3623.17
			4/27/2017	10:30	3.20	0.0	3623.10
			5/30/2017	10:39	2.28	0.0	3624.02
			6/21/2017	10:26	1.92	0.0	3624.38
			7/18/2017	10:36	1.80	0.0	3624.50
			8/22/2017	10:46	1.91	0.0	3624.39
			9/26/2017	12:32	1.95	0.0	3624.35
			10/30/2017	10:48	0.90	0.0	3625.40
			11/21/2017	11:50	0.75	0.0	3625.55
			12/19/2017	13:30	0.55	0.0	3625.75
			1/18/2018	11:12	0.41	0.0	3625.89
			2/15/2018	10:56	0.32	0.0	3625.98
			3/13/2018	10:20	0.15	0.0	3626.15
			4/18/2018	10:50	1.09	0.0	3625.21
			5/22/2018	11:33	1.51	0.0	3624.79
			6/12/2018	10:27	1.66	0.0	3624.64
			7/17/2018	12:30	2.02	0.0	3624.28
			8/14/2018	10:39	2.42	0.0	3623.88
			9/24/2018	11:41	2.81	0.0	3623.49
			10/16/2018	10:45	2.14	0.0	3624.16
			11/13/2018	12:50	1.94	0.0	3624.36
			12/11/2018	10:10	1.68	0.0	3624.62
			1/16/2019	11:15	1.51	0.0	3624.79
			2/12/2019	10:58	1.43	0.0	3624.87
			3/14/2019	10:32	1.29	0.0	3625.01
			4/16/2019	10:55	1.46	0.0	3624.84
			5/21/2019	12:35	0.63	0.0	3625.67
			6/18/2019	10:15	Artesian (5)	0.0	>3626.30 (5)
			7/16/2019	10:30	Artesian (5)	0.0	>3626.30 (5)
			8/13/2019	12:28	0.46	0.0	3625.84
			9/17/2019	10:50	0.71	0.0	3625.59
			10/10/2019	10:20	0.07	0.0	3626.23
			11/13/2019	12:53	Artesian (5)	0.0	>3626.30 (5)
			12/10/2019	9:25	Artesian (5)	0.0	>3626.30 (5)
			1/14/2020	10:25	Artesian (5)	0.0	>3626.30 (5)
			2/18/2020	12:29	Artesian (5)	0.0	>3626.30 (5)
			3/18/2020	10:05	Artesian (5)	0.0	>3626.30 (5)
			4/14/2020	10:45	Artesian (5)	0.0	>3626.30 (5)
			5/19/2020	12:34	Artesian (5)	0.0	>3626.30 (5)
			6/18/2020	12:34	Artesian (5)	0.0	>3626.30 (5)
			7/14/2020	10:45	0.16	0.0	3626.14
			8/12/2020	10:36	0.57	0.0	3625.73
			9/15/2020	11:00	0.95	0.0	3625.35
			10/13/2020	10:00	0.93	0.0	3625.37
			12/8/2020	10:20	0.09	0.0	3626.21
			2/16/2021	10:20	Artesian (5)	0.0	>3626.30 (5)
			4/13/2021	12:07	0.68	0.0	3625.62
			6/15/2021	10:05	1.62	0.0	3624.68
			8/12/2021	11:13	2.35	0.0	3623.95
			10/12/2021	12:38	2.11	0.0	3624.19
			12/6/2021	13:20	1.68	0.0	3624.62
			2/11/2022	10:50	1.53	0.0	3624.77
			4/5/2022	10:55	2.07	0.0	3624.23
			6/14/2022	11:30	3.18	0.0	3623.12
			8/8/2022	12:15	3.73	0.0	3622.57
			10/6/2022	12:05	3.48	0.0	3622.82
			12/13/2022	11:45	2.81	0.0	3623.49
			2/7/2023	10:55	2.57	0.0	3623.73
			4/11/2023	10:35	2.17	0.0	3624.13
			6/5/2023	11:15	0.97	0.0	3625.33
			8/2/2023	10:55	Artesian (5)	0.0	>3626.30 (5)
			10/12/2023	11:05	0.24	0.0	3626.06
			12/12/2023	13:25	Artesian (5)	0.0	>3626.30 (5)
			2/13/2024	11:15	Artesian (5)	0.0	>3626.30 (5)
			4/9/2024	10:15	Artesian (5)	0.0	>3626.30 (5)
			6/18/2024	11:35	Artesian (5)	0.0	>3626.30 (5)

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
OW-8US	Observation Well 8US	3598.80	3/1/2016	13:33	Artesian	0.0	NC
			4/5/2016	13:18	0 psi	0.0	NC
			5/9/2016	10:09	-1 psi	0.0	NC
			6/14/2016	10:45	0 psi	0.0	NC
			7/26/2016	10:57	0 psi	0.0	NC
			8/24/2016	10:59	0 psi	0.0	NC
			9/14/2016	11:16	2.2 psi	0.0	*3604.0*
			11/22/2016	10:47	2.5 psi	0.0	*3604.7*
			12/14/2016	12:58	2.5 psi	0.0	*3604.7*
			1/25/2017	12:12	2.75 psi	0.0	*3605.3*
			2/23/2017	10:43	2.75 psi	0.0	*3605.3*
			3/22/2017	10:44	3.0 psi	0.0	*3605.8*
			4/27/2017	10:42	2.75 psi	0.0	*3605.3*
			5/30/2017	10:19	2.8 psi	0.0	*3605.4*
			6/21/2017	10:40	2.8 psi	0.0	*3605.4*
			7/18/2017	11:10	2.6 psi	0.0	*3604.9*
			8/22/2017	11:20	2.4 psi	0.0	*3604.4*
			9/26/2017	10:35	2.4 psi	0.0	*3604.4*
			10/30/2017	12:28	2.5 psi	0.0	*3604.7*
			11/21/2017	11:03	2.8 psi	0.0	*3605.4*
			12/19/2017	11:39	2.8 psi	0.0	*3605.4*
			1/18/2018	10:33	NM	0.0	NC
			2/15/2018	12:15	NM	0.0	NC
			3/13/2018	11:30	NM	0.0	NC
			4/18/2018	11:53	NM	0.0	NC
			5/22/2018	11:07	0.5 psi	0.0	NC
			6/12/2018	9:50	1.8 psi	0.0	*3603.0*
			7/17/2018	10:24	NM	0.0	*NC*
			8/14/2018	9:42	0.8 psi	0.0	*3600.7*
			9/19/2018	10:50	0.7 psi	0.0	*3600.4*
			10/16/2018	10:30	0.8 psi	0.0	*3600.7*
			11/13/2018	9:54	0.9 psi	0.0	*3600.9*
			12/11/2018	10:00	1.1 psi	0.0	*3601.4*
			1/16/2019	11:40	1.2 psi	0.0	*3601.6*
			2/12/2019	9:57	1.4 psi	0.0	*3602.1*
			3/14/2019	12:16	1.4 psi	0.0	*3602.1*
			4/16/2019	10:40	1.7 psi	0.0	*3602.8*
			5/21/2019	10:10	1.8 psi	0.0	*3603.0*
			6/18/2019	10:00	1.8 psi	0.0	*3603.0*
			7/16/2019	10:15	1.8 psi	0.0	*3603.0*
			8/13/2019	10:02	1.7 psi	0.0	*3602.8*
			9/17/2019	10:40	1.6 psi	0.0	*3602.6*
			10/10/2019	10:10	1.6 psi	0.0	*3602.6*
			11/13/2019	10:02	1.8 psi	0.0	*3603.0*
			12/10/2019	9:10	1.7 psi	0.0	*3602.8*
			1/14/2020	10:10	2.7 psi	0.0	*3605.1*
			2/18/2020	10:08	2.3 psi	0.0	*3604.2*
			3/18/2020	9:50	2.6 psi	0.0	*3604.9*
			4/14/2020	10:30	1.8 psi	0.0	*3603.0*
			5/19/2020	9:55	1.5 psi	0.0	*3602.3*
			6/18/2020	10:20	0.8 psi	0.0	*3600.7*
			7/14/2020	10:20	1.8 psi	0.0	*3603.0*
			8/12/2020	10:06	1.7 psi	0.0	*3602.8*
			9/15/2020	10:45	1.6 psi	0.0	*3602.6*
			10/13/2020	9:50	1.6 psi	0.0	*3602.6*
			12/8/2020	9:50	1.6 psi	0.0	*3602.6*
			2/16/2021	9:27	1.8 psi	0.0	*3603.0*
			4/13/2021	10:23	1.6 psi	0.0	*3602.6*
			6/15/2021	9:18	1.6 psi	0.0	*3602.6*
			8/12/2021	9:35	1.2 psi	0.0	*3601.6*
			10/12/2021	10:35	1.2 psi	0.0	*3601.6*
			12/6/2021	10:35	1.4 psi	0.0	*3602.1*
			2/11/2022	9:55	1.5 psi	0.0	*3602.3*
			4/5/2022	10:15	1.8 psi	0.0	*3603.0*
			6/14/2022	11:00	1.6 psi	0.0	*3602.6*
			8/8/2022	10:45	1.4 psi	0.0	*3602.1*
			10/6/2022	11:40	1.2 psi	0.0	*3601.6*
			12/13/2022	10:10	1.3 psi	0.0	*3601.9*
			2/7/2023	10:30	1.2 psi	0.0	*3601.6*
			4/11/2023	10:20	1.5 psi	0.0	*3602.3*
			6/5/2023	10:45	1.4 psi	0.0	*3602.1*
			8/2/2023	10:30	1.4 psi	0.0	*3602.1*
			10/12/2023	11:00	3.1 psi	0.0	*3606.1*
			12/12/2023	11:25	2.5 psi	0.0	*3604.7*
			2/13/2024	11:00	2.8 psi	0.0	*3605.4*
			4/9/2024	9:55	3.1 psi	0.0	*3606.1*
			6/18/2024	11:15	2.8 psi	0.0	*3605.4*

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
OW-9U	Observation Well 9U	3601.26	3/1/2016	12:45	Artesian	0.0	NC
			4/5/2016	11:56	3-5 psi	0.0	NC
			5/9/2016	11:15	3.8 psi	0.0	*3610.0*
			6/14/2016	13:40	3.9 psi	0.0	*3610.3*
			7/26/2016	12:02	3.9 psi	0.0	*3610.3*
			8/24/2016	11:43	3.9 psi	0.0	*3610.3*
			9/14/2016	12:19	4.2 psi	0.0	*3611.0*
			11/22/2016	11:53	2.8 psi	0.0	*3607.7*
			12/14/2016	11:28	2.5 psi	0.0	*3607.0*
			1/25/2017	13:02	NM	0.0	NM
			2/23/2017	11:32	NM	0.0	NM
			3/22/2017	11:29	4.6 psi	0.0	*3611.9*
			4/27/2017	11:11	2.8 psi	0.0	*3607.7*
			5/30/2017	11:25	3.4 psi	0.0	*3609.1*
			6/21/2017	11:44	4.4 psi	0.0	*3611.4*
			7/18/2017	11:49	5.2 psi	0.0	*3613.3*
			8/22/2017	12:06	5.3 psi	0.0	*3613.5*
			9/26/2017	11:17	5.75 psi	0.0	*3614.5*
			10/30/2017	11:51	5.9 psi	0.0	*3614.9*
			11/21/2017	12:39	6.2 psi	0.0	*3615.6*
			12/19/2017	11:28	6.4 psi	0.0	*3616.0*
			1/18/2018	12:01	6.6 psi	0.0	*3616.5*
			2/15/2018	11:59	NM	0.0	NC
			3/13/2018	11:20	NM	0.0	NC
			4/18/2018	11:42	NM	0.0	NC
			4/27/2018	12:30	4.5 psi	0.0	*3611.7*
			5/22/2018	12:35	6.4 psi	0.0	*3616.0*
			6/12/2018	11:40	5.8 psi	0.0	*3614.7*
			7/17/2018	11:20	4.8 psi	0.0	*3612.3*
			8/14/2018	10:20	5.0 psi	0.0	*3612.8*
			9/19/2018	11:30	5.3 psi	0.0	*3613.5*
			10/16/2018	11:10	5.7 psi	0.0	*3614.4*
			11/13/2018	10:35	6.3 psi	0.0	*3615.8*
			12/11/2018	10:40	7.2 psi	0.0	*3617.9*
			1/16/2019	11:00	13.4 psi	0.0	*3632.2*
			2/12/2019	10:30	5.6 psi	0.0	*3614.2*
			3/14/2019	12:00	3.9 psi	0.0	*3610.3*
			4/16/2019	11:20	4.3 psi	0.0	*3611.2*
			5/21/2019	10:42	5.1 psi	0.0	*3613.1*
			6/18/2019	10:40	4.9 psi	0.0	*3612.6*
			7/16/2019	11:05	4.9 psi	0.0	*3612.6*
			8/13/2019	10:36	5.0 psi	0.0	*3612.8*
			9/17/2019	11:15	5.0 psi	0.0	*3612.8*
			10/10/2019	11:05	5.1 psi	0.0	*3613.1*
			11/13/2019	10:40	4.8 psi	0.0	*3612.3*
			12/10/2019	9:55	5.5 psi	0.0	*3614.0*
			1/14/2020	11:00	4.8 psi	0.0	*3612.3*
			2/18/2020	10:43	5.1 psi	0.0	*3613.1*
			3/18/2020	10:30	5.6 psi	0.0	*3614.2*
			4/14/2020	11:15	5.2 psi	0.0	*3613.3*
			5/19/2020	10:38	5.8 psi	0.0	*3614.7*
			6/18/2020	11:15	5.4 psi	0.0	*3613.7*
			7/14/2020	12:00	5.0 psi	0.0	*3612.8*
			8/12/2020	12:25	4.3 psi	0.0	*3611.2*
			9/15/2020	11:50	5.0 psi	0.0	*3612.8*
			10/13/2020	9:25	5.3 psi	0.0	*3613.5*
			12/8/2020	11:10	4.7 psi	0.0	*3612.1*
			2/16/2021	11:04	4.6 psi	0.0	*3611.9*
			4/13/2021	11:25	3.3 psi	0.0	*3608.9*
			6/15/2021	11:00	2.7 psi	0.0	*3607.5*
			8/12/2021	10:50	2.4 psi	0.0	*3606.8*
			10/12/2021	11:50	3.6 psi	0.0	*3609.6*
			12/6/2021	11:55	3.3 psi	0.0	*3608.9*
			2/11/2022	11:20	4.0 psi	0.0	*3610.5*
			4/5/2022	11:30	4.2 psi	0.0	*3611.0*
			6/14/2022	11:30	4.2 psi	0.0	*3611.0*
			8/8/2022	11:30	3.7 psi	0.0	*3609.8*
			10/6/2022	12:50	3.4 psi	0.0	*3609.1*
			12/13/2022	11:00	4.8 psi	0.0	*3612.3*
			2/7/2023	11:40	5.2 psi	0.0	*3613.3*
			4/11/2023	11:10	5.2 psi	0.0	*3613.3*
			6/5/2023	11:50	4.5 psi	0.0	*3611.7*
			8/2/2023	11:35	5.4 psi	0.0	*3613.7*
			10/12/2023	11:50	5.5 psi	0.0	*3614.0*
			12/12/2023	12:45	5.8 psi	0.0	*3614.7*
			2/13/2024	11:50	6.2 psi	0.0	*3615.6*
			4/9/2024	11:05	6.2 psi	0.0	*3615.6*
			6/18/2024	13:05	6.0 psi	0.0	*3615.1*

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
OW-10U	Observation Well 10U	3639.10	3/1/2016	10:45	21.07	0.0	3618.03
			4/5/2016	12:18	21.10	0.0	3618.00
			5/9/2016	10:42	21.33	0.0	3617.77
			6/14/2016	12:47	21.60	0.0	3617.50
			7/26/2016	12:24	21.94	0.0	3617.16
			8/24/2016	12:07	22.12	0.0	3616.98
			9/14/2016	13:25	22.24	0.0	3616.86
			11/22/2016	13:07	22.18	0.0	3616.92
			12/14/2016	12:25	22.05	0.0	3617.05
			1/25/2017	13:21	21.58	0.0	3617.52
			2/23/2017	12:07	21.31	0.0	3617.79
			3/22/2017	12:18	21.30	0.0	3617.80
			4/27/2017	11:42	21.04	0.0	3618.06
			5/30/2017	11:37	20.18	0.0	3618.92
			6/21/2017	12:08	19.36	0.0	3619.74
			7/18/2017	12:07	19.24	0.0	3619.86
			8/22/2017	12:34	19.31	0.0	3619.79
			9/26/2017	11:51	19.36	0.0	3619.74
			10/30/2017	12:41	19.23	0.0	3619.87
			11/21/2017	12:56	19.15	0.0	3619.95
			12/19/2017	13:02	19.01	0.0	3620.09
			1/18/2018	12:52	18.85	0.0	3620.25
			2/15/2018	13:00	18.81	0.0	3620.29
			3/13/2018	12:00	18.75	0.0	3620.35
			4/18/2018	12:26	18.86	0.0	3620.24
			5/22/2018	12:58	19.11	0.0	3619.99
			6/12/2018	12:53	19.32	0.0	3619.78
			7/17/2018	11:42	19.64	0.0	3619.46
			8/14/2018	12:22	19.94	0.0	3619.16
			9/19/2018	12:15	20.23	0.0	3618.87
			10/16/2018	11:35	20.42	0.0	3618.68
			11/13/2018	11:10	20.40	0.0	3618.70
			12/11/2018	11:10	20.26	0.0	3618.84
			1/16/2019	12:25	20.23	0.0	3618.87
			2/12/2019	12:43	20.13	0.0	3618.97
			3/14/2019	11:14	19.98	0.0	3619.12
			4/16/2019	11:45	19.84	0.0	3619.26
			5/21/2019	12:00	18.95	0.0	3620.15
			6/18/2019	11:25	18.25	0.0	3620.85
			7/16/2019	11:40	18.34	0.0	3620.76
			8/13/2019	11:59	18.62	0.0	3620.48
			9/17/2019	11:50	18.82	0.0	3620.28
			10/10/2019	11:45	18.86	0.0	3620.24
			11/13/2019	12:14	18.68	0.0	3620.42
			12/10/2019	8:25	18.58	0.0	3620.52
			1/14/2020	11:40	18.42	0.0	3620.68
			2/18/2020	11:58	18.11	0.0	3620.99
			3/18/2020	11:10	18.24	0.0	3620.86
			4/14/2020	11:55	18.19	0.0	3620.91
			5/19/2020	11:57	17.31	0.0	3621.79
			6/18/2020	11:50	17.48	0.0	3621.62
			7/14/2020	12:20	17.77	0.0	3621.33
			8/12/2020	12:55	18.26	0.0	3620.84
			9/15/2020	12:25	18.55	0.0	3620.55
			10/13/2020	9:10	18.73	0.0	3620.37
			12/8/2020	11:30	18.82	0.0	3620.28
			2/16/2021	12:17	18.69	0.0	3620.41
			4/13/2021	11:01	18.85	0.0	3620.25
			6/15/2021	12:35	19.42	0.0	3619.68
			8/12/2021	10:23	20.04	0.0	3619.06
			10/12/2021	11:24	20.44	0.0	3618.66
			12/6/2021	11:25	20.21	0.0	3618.89
			2/11/2022	11:45	20.20	0.0	3618.90
			4/5/2022	12:00	20.22	0.0	3618.88
			6/14/2022	13:10	20.73	0.0	3618.37
			8/8/2022	12:35	21.13	0.0	3617.97
			10/6/2022	13:30	21.66	0.0	3617.44
			12/13/2022	12:20	21.43	0.0	3617.67
			2/7/2023	12:20	21.02	0.0	3618.08
			4/11/2023	11:35	20.25	0.0	3618.85
			6/5/2023	12:45	19.15	0.0	3619.95
			8/2/2023	12:15	18.60	0.0	3620.50
			10/12/2023	12:00	16.97	0.0	3622.13
			12/12/2023	12:00	16.79	0.0	3622.31
			2/13/2024	12:20	16.49	0.0	3622.61
			4/9/2024	12:30	15.94	0.0	3623.16
			6/18/2024	12:30	15.49	0.0	3623.61

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
OW-10M	Observation Well 10M	3639.50	3/1/2016	12:08	20.73	0.05	3618.82
			4/5/2016	12:22	20.71	0.0	3618.79
			5/9/2016	10:53	20.94	0.0	3618.56
			6/14/2016	12:44	21.21	0.0	3618.29
			7/26/2016	12:28	21.55	0.0	3617.95
			8/24/2016	12:11	21.71	0.0	3617.79
			9/14/2016	13:06	21.84	0.0	3617.66
			11/22/2016	13:03	21.74	0.0	3617.76
			12/14/2016	12:22	21.61	0.0	3617.89
			1/25/2017	13:16	21.30	0.0	3618.20
			2/23/2017	12:11	21.07	0.0	3618.43
			3/22/2017	12:11	20.91	0.0	3618.59
			4/27/2017	11:45	20.57	0.0	3618.93
			5/30/2017	11:41	19.77	0.0	3619.73
			6/21/2017	12:13	18.88	0.0	3620.62
			7/18/2017	12:11	18.48	0.0	3621.02
			8/22/2017	12:39	18.57	0.0	3620.93
			9/26/2017	11:57	18.55	0.0	3620.95
			10/30/2017	12:45	18.42	0.0	3621.08
			11/21/2017	13:02	18.36	0.0	3621.14
			12/19/2017	12:57	18.23	0.0	3621.27
			1/18/2018	13:00	18.07	0.0	3621.43
			2/15/2018	13:07	18.04	0.0	3621.46
			3/13/2018	12:05	18.03	0.0	3621.47
			4/18/2018	12:30	18.12	0.0	3621.38
			5/22/2018	13:01	18.32	0.0	3621.18
			6/12/2018	12:50	18.52	0.0	3620.98
			7/17/2018	11:47	18.82	0.0	3620.68
			8/14/2018	12:20	19.09	0.0	3620.41
			9/19/2018	12:05	19.37	0.0	3620.13
			10/16/2018	11:30	19.50	0.0	3620.00
			11/13/2018	10:59	19.55	0.0	3619.95
			12/11/2018	11:05	19.38	0.0	3620.12
			1/16/2019	12:20	19.28	0.0	3620.22
			2/12/2019	12:38	19.24	0.0	3620.26
			3/14/2019	11:17	19.17	0.0	3620.33
			4/16/2019	11:50	19.03	0.0	3620.47
			5/21/2019	11:53	18.30	0.0	3621.20
			6/18/2019	11:20	17.58	0.0	3621.92
			7/16/2019	11:45	17.32	0.0	3622.18
			8/13/2019	11:46	17.52	0.0	3621.98
			9/17/2019	11:45	17.68	0.0	3621.82
			10/10/2019	11:40	17.74	0.0	3621.76
			11/13/2019	12:05	17.54	0.0	3621.96
			12/10/2019	8:35	17.41	0.0	3622.09
			1/14/2020	11:35	17.15	0.0	3622.35
			2/18/2020	11:54	16.95	0.0	3622.55
			3/18/2020	11:05	16.91	0.0	3622.59
			4/14/2020	11:50	16.91	0.0	3622.59
			5/19/2020	11:52	16.41	0.0	3623.09
			6/18/2020	11:55	16.31	0.0	3623.19
			7/14/2020	12:15	16.59	0.0	3622.91
			8/12/2020	13:00	17.09	0.0	3622.41
			9/15/2020	12:20	17.41	0.0	3622.09
			10/13/2020	9:05	17.68	0.0	3621.82
			12/8/2020	11:35	17.71	0.0	3621.79
			2/16/2021	12:14	17.63	0.0	3621.87
			4/13/2021	10:57	17.75	0.0	3621.75
			6/15/2021	12:15	18.34	0.0	3621.16
			8/12/2021	10:15	18.97	0.0	3620.53
			10/12/2021	11:20	19.42	0.0	3620.08
			12/6/2021	11:30	19.28	0.0	3620.22
			2/11/2022	11:40	19.22	0.0	3620.28
			4/5/2022	11:55	19.26	0.0	3620.24
			6/14/2022	13:05	19.82	0.0	3619.68
			8/8/2022	12:30	20.22	0.0	3619.28
			10/6/2022	13:25	20.85	0.0	3618.65
			12/13/2022	12:15	20.63	0.0	3618.87
			2/7/2023	12:15	20.43	0.0	3619.07
			4/11/2023	11:30	19.94	0.0	3619.56
			6/5/2023	12:50	18.68	0.0	3620.82
			8/2/2023	12:10	17.73	0.0	3621.77
			10/12/2023	12:05	16.13	0.0	3623.37
			12/12/2023	12:05	15.87	0.0	3623.63
			2/13/2024	12:15	15.63	0.0	3623.87
			4/9/2024	12:25	15.14	0.0	3624.36
			6/18/2024	12:25	14.55	0.0	3624.95

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
P-5	Piezometer P-5	3629.90	3/1/2016	13:05	15.14	0.0	3614.76
			4/5/2016	12:54	15.11	0.0	3614.79
			5/9/2016	10:25	15.46	0.0	3614.44
			6/14/2016	11:23	15.85	0.0	3614.05
			7/26/2016	11:33	16.35	0.0	3613.55
			8/24/2016	11:57	16.56	0.0	3613.34
			9/14/2016	14:34	16.67	0.0	3613.23
			11/22/2016	12:19	16.30	0.0	3613.60
			12/14/2016	12:11	16.05	0.0	3613.85
			1/25/2017	12:43	15.53	0.0	3614.37
			2/23/2017	11:43	15.24	0.0	3614.66
			3/22/2017	11:59	15.19	0.0	3614.71
			4/27/2017	11:32	15.12	0.0	3614.78
			5/30/2017	9:51	14.64	0.0	3615.26
			6/21/2017	11:22	14.08	0.0	3615.82
			7/18/2017	11:28	14.07	0.0	3615.83
			8/22/2017	12:22	14.26	0.0	3615.64
			9/26/2017	11:40	14.33	0.0	3615.57
			10/30/2017	12:59	14.01	0.0	3615.89
			11/21/2017	13:15	13.84	0.0	3616.06
			12/19/2017	12:46	13.63	0.0	3616.27
			1/18/2018	12:37	13.49	0.0	3616.41
			2/15/2018	12:48	13.46	0.0	3616.44
			3/13/2018	11:46	13.38	0.0	3616.52
			4/18/2018	12:10	14.03	0.0	3615.87
			5/22/2018	12:49	13.94	0.0	3615.96
			6/12/2018	12:08	14.64	0.0	3615.26
			7/17/2018	11:32	14.97	0.0	3614.93
			8/14/2018	11:31	15.40	0.0	3614.50
			9/19/2018	11:50	15.46	0.0	3614.44
			10/16/2018	11:25	15.75	0.0	3614.15
			11/13/2018	11:43	15.61	0.0	3614.29
			12/11/2018	10:55	15.07	0.0	3614.83
			1/16/2019	10:35	15.66	0.0	3614.24
			2/12/2019	12:13	15.47	0.0	3614.43
			3/14/2019	10:54	15.07	0.0	3614.83
			4/16/2019	11:30	15.12	0.0	3614.78
			5/21/2019	11:33	14.62	0.0	3615.28
			6/18/2019	10:55	14.36	0.0	3615.54
			7/16/2019	11:30	14.52	0.0	3615.38
			8/13/2019	11:21	14.89	0.0	3615.01
			9/17/2019	11:35	14.96	0.0	3614.94
			10/10/2019	11:25	14.67	0.0	3615.23
			11/13/2019	11:37	14.66	0.0	3615.24
			12/10/2019	8:15	14.47	0.0	3615.43
			1/14/2020	11:20	14.40	0.0	3615.50
			2/18/2020	11:37	13.92	0.0	3615.98
			3/18/2020	10:45	14.51	0.0	3615.39
			4/14/2020	11:30	14.39	0.0	3615.51
			5/19/2020	11:00	13.18	0.0	3616.72
			6/18/2020	11:30	14.22	0.0	3615.68
			7/14/2020	12:30	14.47	0.0	3615.43
			8/12/2020	12:10	14.44	0.0	3615.46
			9/15/2020	12:00	14.67	0.0	3615.23
			10/13/2020	8:55	14.57	0.0	3615.33
			12/8/2020	11:50	15.02	0.0	3614.88
			2/16/2021	11:21	14.37	0.0	3615.53
			4/13/2021	10:44	15.01	0.0	3614.89
			6/15/2021	11:25	15.70	0.0	3614.20
			8/12/2021	10:05	15.98	0.0	3613.92
			10/12/2021	11:04	16.55	0.0	3613.35
			12/6/2021	11:15	15.97	0.0	3613.93
			2/11/2022	10:35	15.93	0.0	3613.97
			4/5/2022	10:40	15.57	0.0	3614.33
			6/14/2022	12:55	16.73	0.0	3613.17
			8/8/2022	10:55	17.16	0.0	3612.74
			10/6/2022	13:05	17.73	0.0	3612.17
			12/13/2022	12:05	16.98	0.0	3612.92
			2/7/2023	11:20	16.47	0.0	3613.43
			4/11/2023	11:20	15.53	0.0	3614.37
			6/5/2023	12:25	15.14	0.0	3614.76
			8/2/2023	12:00	15.02	0.0	3614.88
			10/12/2023	10:40	13.90	0.0	3616.00
			12/12/2023	12:25	13.46	0.0	3616.44
			2/13/2024	12:35	13.41	0.0	3616.49
			4/9/2024	12:15	12.89	0.0	3617.01
			6/18/2024	12:45	12.61	0.0	3617.29

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
P-10	Piezometer P-10	3637.66	3/1/2016	12:15	22.48	0.0	3615.18
			4/5/2016	12:29	22.50	0.0	3615.16
			5/9/2016	10:57	22.72	0.0	3614.94
			6/14/2016	12:51	22.99	0.0	3614.67
			7/26/2016	12:33	23.32	0.0	3614.34
			8/24/2016	12:16	23.51	0.0	3614.15
			9/14/2016	13:03	23.63	0.0	3614.03
			11/22/2016	13:13	23.58	0.0	3614.08
			12/14/2016	12:31	23.45	0.0	3614.21
			1/25/2017	13:28	23.00	0.0	3614.66
			2/23/2017	12:18	22.72	0.0	3614.94
			3/22/2107	12:22	22.71	0.0	3614.95
			4/27/2017	11:48	22.45	0.0	3615.21
			5/30/2017	11:43	21.62	0.0	3616.04
			6/21/2017	12:20	20.80	0.0	3616.86
			7/18/2017	12:16	20.65	0.0	3617.01
			8/22/2017	12:44	20.72	0.0	3616.94
			9/26/2017	12:01	20.76	0.0	3616.90
			10/30/2017	12:50	20.62	0.0	3617.04
			11/21/2017	13:08	20.55	0.0	3617.11
			12/19/2017	13:06	20.40	0.0	3617.26
			1/18/2018	13:07	20.26	0.0	3617.40
			2/15/2018	13:11	20.22	0.0	3617.44
			3/13/2018	12:10	20.16	0.0	3617.50
			4/18/2018	12:33	20.24	0.0	3617.42
			5/22/2018	13:04	20.49	0.0	3617.17
			6/12/2018	12:56	20.70	0.0	3616.96
			7/17/2018	11:50	21.02	0.0	3616.64
			8/14/2018	12:25	21.30	0.0	3616.36
			9/19/2018	12:20	21.62	0.0	3616.04
			10/16/2018	11:40	21.78	0.0	3615.88
			11/13/2018	10:56	21.78	0.0	3615.88
			12/11/2018	11:15	21.64	0.0	3616.02
			1/16/2019	12:30	21.61	0.0	3616.05
			2/12/2019	12:56	21.53	0.0	3616.13
			3/14/2019	11:20	21.37	0.0	3616.29
			4/16/2019	11:55	21.23	0.0	3616.43
			5/21/2019	12:05	20.39	0.0	3617.27
			6/18/2019	11:30	19.66	0.0	3618.00
			7/16/2019	11:50	19.71	0.0	3617.95
			8/13/2019	11:54	19.98	0.0	3617.68
			9/17/2019	11:55	20.17	0.0	3617.49
			10/10/2019	11:50	20.21	0.0	3617.45
			11/13/2019	12:18	20.05	0.0	3617.61
			12/10/2019	8:30	19.95	0.0	3617.71
			1/14/2020	11:45	19.78	0.0	3617.88
			2/18/2020	12:01	19.49	0.0	3618.17
			3/18/2020	11:15	19.59	0.0	3618.07
			4/14/2020	11:45	19.55	0.0	3618.11
			5/19/2020	12:02	18.70	0.0	3618.96
			6/18/2020	12:00	18.84	0.0	3618.82
			7/14/2020	12:10	19.12	0.0	3618.54
			8/12/2020	13:05	19.60	0.0	3618.06
			9/15/2020	12:30	19.90	0.0	3617.76
			10/13/2020	9:15	20.09	0.0	3617.57
			12/8/2020	11:33	20.19	0.0	3617.47
			2/16/2021	12:22	20.05	0.0	3617.61
			4/13/2021	11:07	20.20	0.0	3617.46
			6/15/2021	12:55	20.78	0.0	3616.88
			8/12/2021	10:27	21.38	0.0	3616.28
			10/12/2021	11:15	21.80	0.0	3615.86
			12/6/2021	11:35	21.58	0.0	3616.08
			2/11/2022	11:35	21.57	0.0	3616.09
			4/5/2022	12:05	21.59	0.0	3616.07
			6/14/2022	13:15	22.08	0.0	3615.58
			8/8/2022	12:40	22.49	0.0	3615.17
			10/6/2022	13:35	23.02	0.0	3614.64
			12/13/2022	12:25	22.79	0.0	3614.87
			2/7/2023	12:25	22.39	0.0	3615.27
			4/11/2023	11:40	21.63	0.0	3616.03
			6/5/2023	12:55	20.56	0.0	3617.10
			8/2/2023	12:20	19.97	0.0	3617.69
			10/12/2023	12:10	18.36	0.0	3619.30
			12/12/2023	11:55	18.17	0.0	3619.49
			2/13/2024	12:25	17.85	0.0	3619.81
			4/9/2024	12:35	17.31	0.0	3620.35
			6/18/2024	12:35	16.86	0.0	3620.80

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
P-15	Piezometer P-15	3605.99	3/1/2016	12:35	2.73	0.13	3603.39
			4/5/2016	11:50	3.05	0.13	3603.07
			5/9/2016	11:10	3.58	0.13	3602.54
			6/14/2016	14:00	4.87	0.13	3601.25
			7/26/2016	11:56	> 7 (4)	0.13	NC
			8/24/2016	11:38	> 7 (4)	0.13	NC
			9/14/2016	12:14	> 7 (4)	0.13	NC
			11/22/2016	11:48	6.15	0.13	3599.71
			12/14/2016	11:18	4.90	0.13	3600.96
			1/25/2017	12:55	2.31	0.13	3603.55
			2/23/2017	11:25	2.14	0.13	3603.72
			3/22/2017	11:21	2.44	0.13	3603.42
			4/27/2017	10:57	2.82	0.13	3603.04
			5/30/2017	11:20	3.65	0.13	3602.21
			6/21/2017	11:37	4.27	0.13	3601.59
			7/18/2017	11:42	5.04	0.13	3600.82
			8/22/2017	11:58	5.21	0.13	3600.65
			9/26/2017	10:59	3.92	0.13	3601.94
			10/30/2017	11:44	2.66	0.13	3603.20
			11/21/2017	12:33	2.28	0.13	3603.58
			12/19/2017	12:23	2.01	0.13	3603.85
			1/18/2018	11:53	1.95	0.13	3603.91
			2/15/2018	11:51	1.94	0.13	3603.92
			3/13/2018	11:14	1.85	0.13	3604.01
			4/18/2018	11:38	2.21	0.13	3603.65
			5/22/2018	12:28	2.50	0.13	3603.36
			6/12/2018	11:35	3.16	0.13	3602.70
			7/17/2018	11:15	4.08	0.13	3601.78
			8/14/2018	10:15	4.89	0.13	3600.97
			9/19/2018	11:25	5.92	0.13	3599.94
			10/16/2018	11:05	5.27	0.13	3600.59
			11/13/2018	10:29	3.98	0.13	3601.88
			12/11/2018	10:35	2.79	0.13	3603.07
			1/16/2019	10:50	2.48	0.13	3603.38
			2/12/2019	10:27	2.41	0.13	3603.45
			3/14/2019	11:30	2.24	0.13	3603.62
			4/16/2019	11:15	2.48	0.13	3603.38
			5/21/2019	10:46	2.95	0.13	3602.91
			6/18/2019	10:35	3.39	0.13	3602.47
			7/16/2019	11:00	4.21	0.13	3601.65
			8/13/2019	10:31	5.03	0.13	3600.83
			9/17/2019	11:10	5.44	0.13	3600.42
			10/10/2019	11:00	4.44	0.13	3601.42
			11/13/2019	10:33	2.75	0.13	3603.11
			12/10/2019	9:50	2.06	0.13	3603.80
			1/14/2020	10:55	1.78	0.13	3604.08
			2/18/2020	10:48	1.59	0.13	3604.27
			3/18/2020	10:25	1.99	0.13	3603.87
			4/14/2020	11:10	2.06	0.13	3603.80
			5/19/2020	10:29	2.55	0.13	3603.31
			6/18/2020	11:10	3.07	0.13	3602.79
			7/14/2020	11:55	3.68	0.13	3602.18
			8/12/2020	12:20	4.29	0.13	3601.57
			9/15/2020	11:45	4.30	0.13	3601.56
			10/13/2020	9:20	3.68	0.13	3602.18
			12/8/2020	11:00	2.39	0.13	3603.47
			2/16/2021	10:59	2.21	0.13	3603.65
			4/13/2021	11:18	2.38	0.13	3603.48
			6/15/2021	11:10	4.04	0.13	3601.82
			8/12/2021	10:41	6.21	0.13	3599.65
			10/12/2021	11:41	>7 (4)	0.13	NC
			12/6/2021	11:50	3.86	0.13	3602.00
			2/11/2022	11:15	2.92	0.13	3602.94
			4/5/2022	11:25	2.99	0.13	3602.87
			6/14/2022	12:45	4.96	0.13	3600.90
			8/8/2022	11:20	>7 (4)	0.13	NC
			10/6/2022	12:30	>7 (4)	0.13	NC
			12/13/2022	10:50	4.48	0.13	3601.38
			2/7/2023	11:30	3.23	0.13	3602.63
			4/11/2023	11:00	2.58	0.13	3603.28
			6/5/2023	11:40	3.75	0.13	3602.11
			8/2/2023	11:30	5.60	0.13	3600.26
			10/12/2023	11:40	2.83	0.13	3603.03
			12/12/2023	12:35	2.08	0.13	3603.78
			2/13/2024	11:40	1.82	0.13	3604.04
			4/9/2024	10:55	1.66	0.13	3604.20
			6/18/2024	13:30	2.20	0.13	3603.66

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
P-15A	Piezometer P-15A	3608.06	7/27/2022	11:00	8.73	0.00	3599.33
			8/8/2022	11:25	8.94	0.00	3599.12
			10/6/2022	12:32	9.72	0.00	3598.34
			12/13/2022	10:55	6.10	0.00	3601.96
			2/7/2023	11:35	4.78	0.00	3603.28
			4/11/2023	11:05	4.17	0.00	3603.89
			6/5/2023	11:45	5.32	0.00	3602.74
			8/2/2023	11:25	7.28	0.00	3600.78
			10/12/2023	11:45	4.40	0.00	3603.66
			12/12/2023	12:40	3.65	0.00	3604.41
			2/13/2024	11:45	3.39	0.00	3604.67
			4/9/2024	11:00	3.27	0.00	3604.79
			6/18/2024	13:25	3.81	0.00	3604.25

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
PAT-1	PAT-1	3657.49	3/1/2016	11:10	40.29	0.0	3617.20
			4/5/2016	10:05	40.30	0.0	3617.19
			5/9/2016	12:15	40.59	0.0	3616.90
			6/15/2016	11:06	40.82	0.0	3616.67
			7/26/2016	9:30	41.28	0.0	3616.21
			8/24/2016	NM	NM	0.0	NM
			9/15/2016	10:49	41.59	0.0	3615.90
			11/22/2016	10:13	41.27	0.0	3616.22
			12/14/2016	10:00	41.09	0.0	3616.40
			1/25/2017	10:53	40.89	0.0	3616.60
			2/23/2017	10:00	40.67	0.0	3616.82
			3/22/2017	10:06	40.41	0.0	3617.08
			4/27/2017	NA	NM	0.0	NM
			5/30/2017	NA	NM	0.0	NM
			6/15/2017	9:05	39.81	0.0	3617.68
			7/18/2017	9:39	38.25	0.0	3619.24
			8/22/2017	9:59	38.19	0.0	3619.30
			9/26/2017	10:16	37.97	0.0	3619.52
			10/30/2017	9:52	37.81	0.0	3619.68
			11/21/2017	10:30	37.65	0.0	3619.84
			12/19/2017	10:00	37.56	0.0	3619.93
			1/30/2018	9:44	37.43	0.0	3620.06
			2/15/2018	10:25	37.44	0.0	3620.05
			3/13/2018	9:45	37.37	0.0	3620.12
			4/18/2018	10:08	37.49	0.0	3620.00
			5/22/2018	9:53	37.75	0.0	3619.74
			6/12/2018	9:10	38.05	0.0	3619.44
			7/17/2018	9:40	38.56	0.0	3618.93
			8/14/2018	9:10	38.54	0.0	3618.95
			9/19/2018	10:05	38.75	0.0	3618.74
			10/16/2018	9:55	38.78	0.0	3618.71
			11/13/2018	9:25	38.73	0.0	3618.76
			12/11/2018	9:30	38.60	0.0	3618.89
			1/16/2019	9:55	38.58	0.0	3618.91
			2/12/2019	9:28	38.55	0.0	3618.94
			3/14/2019	9:52	38.58	0.0	3618.91
			4/16/2019	10:05	38.41	0.0	3619.08
			5/21/2019	9:30	37.92	0.0	3619.57
			6/18/2019	9:25	37.32	0.0	3620.17
			7/16/2019	9:50	36.85	0.0	3620.64
			8/13/2019	9:38	37.02	0.0	3620.47
			9/17/2019	10:05	36.77	0.0	3620.72
			10/10/2019	9:35	36.82	0.0	3620.67
			11/13/2019	9:30	36.70	0.0	3620.79
			12/10/2019	8:50	36.54	0.0	3620.95
			1/14/2020	12:00	36.30	0.0	3621.19
			2/18/2020	NA	NM	0.0	NM
			3/18/2020	9:30	36.07	0.0	3621.42
			4/14/2020	10:00	36.04	0.0	3621.45
			5/19/2020	13:10	36.05	0.0	3621.44
			6/18/2020	9:45	36.95	0.0	3620.54
			7/14/2020	9:30	36.20	0.0	3621.29
			8/12/2020	9:25	36.62	0.0	3620.87
			9/15/2020	10:00	36.73	0.0	3620.76
			10/13/2020	8:45	37.06	0.0	3620.43
			12/8/2020	9:20	36.91	0.0	3620.58
			2/16/2021	8:57	36.81	0.0	3620.68
			4/13/2021	9:53	37.32	0.0	3620.17
			6/15/2021	8:52	37.17	0.0	3620.32
			8/12/2021	9:08	38.37	0.0	3619.12
			10/12/2021	10:06	38.64	0.0	3618.85
			12/6/2021	9:55	38.58	0.0	3618.91
			2/11/2022	9:30	38.55	0.0	3618.94
			4/5/2022	9:50	38.68	0.0	3618.81
			6/14/2022	10:15	39.27	0.0	3618.22
			8/8/2022	9:32	39.54	0.0	3617.95
			10/6/2022	10:05	40.29	0.0	3617.20
			12/13/2022	9:35	40.08	0.0	3617.41
			2/7/2023	9:45	40.60	0.0	3616.89
			4/11/2023	9:35	40.01	0.0	3617.48
			6/5/2023	9:45	39.03	0.0	3618.46
			8/2/2023	9:45	37.89	0.0	3619.60
			10/12/2023	9:40	35.90	0.0	3621.59
			12/12/2023	9:50	35.46	0.0	3622.03
			2/13/2024	9:50	35.73	0.0	3621.76
			4/9/2024	9:30	35.44	0.0	3622.05
			6/18/2024	10:05	35.01	0.0	3622.48

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
RP-1	Riparian Well #1	3615.33	3/1/2016	13:50	NM	0.0	NC
			4/5/2016	11:35	2.06	0.0	3613.27
			5/11/2016	9:41	2.43	0.0	3612.90
			6/14/2016	14:13	2.79	0.0	3612.54
			7/26/2016	11:42	3.39	0.0	3611.94
			8/24/2016	10:47	3.31	0.0	3612.02
			9/14/2016	11:57	3.32	0.0	3612.01
			11/22/2016	11:33	2.75	0.0	3612.58
			12/14/2016	11:06	2.56	0.0	3612.77
			1/25/2017	13:32	2.16	0.0	3613.17
			2/23/2017	11:06	2.08	0.0	3613.25
			3/22/2017	11:11	2.17	0.0	3613.16
			4/27/2017	10:48	2.37	0.0	3612.96
			5/30/2017	11:02	2.97	0.0	3612.36
			6/21/2017	11:00	2.38	0.0	3612.95
			7/18/2017	10:48	2.38	0.0	3612.95
			8/22/2017	11:44	2.38	0.0	3612.95
			9/26/2017	10:49	2.26	0.0	3613.07
			10/30/2017	11:17	1.90	0.0	3613.43
			11/21/2017	12:04	1.75	0.0	3613.58
			12/19/2017	12:04	1.65	0.0	3613.68
			1/18/2017	11:34	1.62	0.0	3613.71
			2/15/2018	11:23	1.62	0.0	3613.71
			3/13/2018	10:54	1.58	0.0	3613.75
			4/18/2018	11:25	1.73	0.0	3613.60
			5/22/2018	12:15	1.92	0.0	3613.41
			6/12/2018	11:20	2.28	0.0	3613.05
			7/17/2018	10:47	2.45	0.0	3612.88
			8/14/2018	10:03	2.65	0.0	3612.68
			9/19/2018	11:15	2.63	0.0	3612.70
			10/16/2018	10:55	2.60	0.0	3612.73
			11/13/2018	10:12	2.23	0.0	3613.10
			12/11/2018	10:25	2.03	0.0	3613.30
			1/16/2019	12:10	2.02	0.0	3613.31
			2/12/2019	10:13	2.00	0.0	3613.33
			3/14/2019	12:08	1.95	0.0	3613.38
			4/16/2019	11:05	2.10	0.0	3613.23
			5/21/2019	10:28	2.18	0.0	3613.15
			6/18/2019	10:25	2.29	0.0	3613.04
			7/16/2019	10:40	2.41	0.0	3612.92
			8/13/2019	10:18	2.41	0.0	3612.92
			9/17/2019	11:00	2.38	0.0	3612.95
			10/10/2019	10:45	2.23	0.0	3613.10
			11/13/2019	10:18	1.91	0.0	3613.42
			12/10/2019	9:40	1.75	0.0	3613.58
			1/14/2020	10:40	1.84	0.0	3613.49
			2/18/2020	10:26	1.61	0.0	3613.72
			3/18/2020	10:15	1.90	0.0	3613.43
			4/14/2020	10:55	1.56	0.0	3613.77
			5/19/2020	10:17	1.66	0.0	3613.67
			6/18/2020	10:50	1.82	0.0	3613.51
			7/14/2020	11:00	1.98	0.0	3613.35
			8/12/2020	10:25	1.97	0.0	3613.36
			9/15/2020	11:20	2.00	0.0	3613.33
			10/13/2020	10:10	1.85	0.0	3613.48
			12/8/2020	10:45	1.68	0.0	3613.65
			2/16/2021	10:01	1.63	0.0	3613.70
			4/13/2021	11:55	1.87	0.0	3613.46
			6/15/2021	9:42	2.26	0.0	3613.07
			8/12/2021	11:32	2.46	0.0	3612.87
			10/12/2021	12:56	2.29	0.0	3613.04
			12/6/2021	12:45	1.91	0.0	3613.42
			2/11/2022	11:00	1.94	0.0	3613.39
			4/5/2022	11:05	1.98	0.0	3613.35
			6/14/2022	11:40	2.45	0.0	3612.88
			8/8/2022	12:05	2.57	0.0	3612.76
			10/6/2022	12:15	2.75	0.0	3612.58
			12/13/2022	11:55	2.18	0.0	3613.15
			2/7/2023	12:05	2.03	0.0	3613.30
			4/11/2023	10:45	1.83	0.0	3613.50
			6/5/2023	11:25	2.03	0.0	3613.30
			8/2/2023	11:10	2.25	0.0	3613.08
			10/12/2023	11:20	1.75	0.0	3613.58
			12/12/2023	13:15	1.44	0.0	3613.89
			2/13/2024	11:30	1.39	0.0	3613.94
			4/9/2024	10:35	1.41	0.0	3613.92
			6/18/2024	12:00	1.70	0.0	3613.63

TABLE 2

BASELINE GROUNDWATER ELEVATION DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
SS-1A	Monitoring Well SS-1A	3627.21	3/1/2016	13:42	8.65	0.0	3618.56
			4/5/2016	13:31	8.54	0.0	3618.67
			5/9/2016	11:47	8.88	0.0	3618.33
			6/14/2016	14:35	9.36	0.0	3617.85
			7/26/2016	11:12	10.09	0.0	3617.12
			8/24/2016	11:15	10.43	0.0	3616.78
			9/14/2016	11:48	10.51	0.0	3616.70
			11/22/2016	12:51	10.09	0.0	3617.12
			12/14/2016	12:45	9.75	0.0	3617.46
			1/25/2017	11:58	9.15	0.0	3618.06
			2/23/2017	12:28	8.87	0.0	3618.34
			3/22/2017	10:31	8.51	0.0	3618.70
			4/27/2017	10:11	8.02	0.0	3619.19
			5/30/2017	10:04	7.21	0.0	3620.00
			6/21/2017	12:32	7.33	0.0	3619.88
			7/18/2017	12:31	7.51	0.0	3619.70
			8/22/2017	11:08	7.70	0.0	3619.51
			9/26/2017	12:11	7.78	0.0	3619.43
			10/30/2017	10:32	7.23	0.0	3619.98
			11/21/2017	10:50	6.92	0.0	3620.29
			12/19/2017	11:26	6.78	0.0	3620.43
			1/18/2018	10:16	6.50	0.0	3620.71
			2/15/2018	12:25	6.54	0.0	3620.67
			3/13/2018	11:40	6.24	0.0	3620.97
			4/18/2018	12:03	6.27	0.0	3620.94
			5/22/2018	10:37	6.58	0.0	3620.63
			6/12/2018	9:40	6.90	0.0	3620.31
			7/17/2018	10:12	7.29	0.0	3619.92
			8/14/2018	9:34	7.97	0.0	3619.24
			9/19/2018	10:30	9.04	0.0	3618.17
			10/16/2018	10:20	9.10	0.0	3618.11
			11/13/2018	9:38	7.87	0.0	3619.34
			12/11/2018	9:50	7.35	0.0	3619.86
			1/16/2019	11:50	7.18	0.0	3620.03
			2/12/2019	9:46	6.90	0.0	3620.31
			3/14/2019	12:37	6.63	0.0	3620.58
			4/16/2019	10:30	6.48	0.0	3620.73
			5/21/2019	9:58	6.19	0.0	3621.02
			6/18/2019	9:45	5.98	0.0	3621.23
			7/16/2019	10:05	6.15	0.0	3621.06
			8/13/2019	9:53	6.32	0.0	3620.89
			9/17/2019	10:30	6.58	0.0	3620.63
			10/10/2019	9:50	6.49	0.0	3620.72
			11/13/2019	9:49	6.11	0.0	3621.10
			12/10/2019	9:05	5.70	0.0	3621.51
			1/14/2020	10:00	5.57	0.0	3621.64
			2/18/2020	9:54	5.31	0.0	3621.90
			3/18/2020	9:40	5.40	0.0	3621.81
			4/14/2020	10:20	5.35	0.0	3621.86
			5/19/2020	9:40	5.21	0.0	3622.00
			6/18/2020	10:05	5.72	0.0	3621.49
			7/14/2020	10:10	6.16	0.0	3621.05
			8/12/2020	9:49	6.49	0.0	3620.72
			9/15/2020	10:30	6.74	0.0	3620.47
			10/13/2020	9:40	6.49	0.0	3620.72
			12/8/2020	9:36	6.17	0.0	3621.04
			2/16/2021	9:16	5.78	0.0	3621.43
			4/13/2021	10:11	5.88	0.0	3621.33
			6/15/2021	9:04	6.76	0.0	3620.45
			8/12/2021	9:25	7.57	0.0	3619.64
			10/12/2021	10:23	7.82	0.0	3619.39
			12/6/2021	10:25	7.24	0.0	3619.97
			2/11/2022	9:45	7.00	0.0	3620.21
			4/5/2022	10:00	6.93	0.0	3620.28
			6/14/2022	10:45	7.79	0.0	3619.42
			8/8/2022	10:30	8.28	0.0	3618.93
			10/6/2022	11:25	8.78	0.0	3618.43
			12/13/2022	9:50	7.90	0.0	3619.31
			2/7/2023	10:20	7.27	0.0	3619.94
			4/11/2023	10:10	6.42	0.0	3620.79
			6/5/2023	10:35	6.33	0.0	3620.88
			8/2/2023	10:15	6.69	0.0	3620.52
			10/12/2023	10:50	5.78	0.0	3621.43
			12/12/2023	11:00	5.20	0.0	3622.01
			2/13/2024	10:45	4.87	0.0	3622.34
			4/9/2024	9:45	4.81	0.0	3622.40
			6/18/2024	10:45	5.26	0.0	3621.95

1) NM – not measured; NC = not calculated; UA – Data currently unavailable

2) DTW – Depth to water in feet (ft) below top of casing or other reference point. Pressure reading recorded in lieu of DTW when artesian

3) GWE– Groundwater elevation in feet above mean sea level (ft amsl). GWE for artesian wells is calculated on manual pressure readings and shown in italics.

4) Well P-15 was dry to approximately 7 feet below top of casing during monitoring event.

5) Well OW-7m was artesian during the monitoring event with a water level above the top of casing. The GWE listed is the surveyed top of casing.

TABLE 3

WATER QUALITY DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Date Collected:	pH (field)	Electric Conductivity (field)	Temperature (field)	Turbidity (field)	Total Dissolved Solids (field)	Odor (lab)	Turbidity (lab)	Calcium	Magnesium	Sodium	Chloride	Sulfate	pH (lab)	Bicarbonate (as CaCO3)	Total Dissolved Solids (lab)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		Field Parameters					Lab Parameters										Total Metals																	
		pH units	µS/cm	deg C	NTU	mg/L	odor units	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Cartago Supply CMW-2	03/23/16	NA	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/15/16	8.5	213	18.8	0.0	139	ND	0.37	27.4	2.36	13	1.3	7.4	7.57	NA	NA	ND	0.001	0.006	ND	ND	ND	ND	0.024	0.003	ND	0.001	ND	ND	ND	ND	ND	0.006
	09/15/16	7.6	183	17.0	0.0	119	ND	0.13	25.0	2.16	11.8	1.0	7.9	7.49	82.0	125	ND	0.002	0.006	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	03/27/18	6.4	214	15.2	11.1	139	ND	ND	24.9	2.26	13.1	1.0	9.6	7.66	92.0	150	ND	0.002	0.007	ND	ND	ND	ND	0.002	ND	ND	0.001	ND	ND	ND	ND	0.001	0.047
	06/12/18	6.8	217	17.6	0.0	142	ND	ND	28.4	2.37	13.5	1.3	8.3	7.80	89.0	115	ND	0.003	0.007	ND	ND	ND	ND	0.003	ND	ND	0.001	0.007	ND	ND	ND	0.001	0.020
	08/14/18	5.7	218	18.5	0.0	141	ND	ND	26.0	2.45	12.6	1.1	9.0	7.50	78.0	110	ND	0.002	0.007	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	0.012
	11/13/18	6.2	257	15.6	0.0	167	ND	0.08	24.3	2.21	12.2	1.1	8.5	7.30	82.0	130	ND	0.002	0.007	ND	ND	ND	ND	0.001	ND	ND	0.001	ND	ND	ND	ND	0.001	0.007
	02/12/19	6.2	209	15.0	12.2	136	ND	ND	25.3	2.32	12.6	1.2	8.6	8.05	83.0	125	ND	0.002	0.007	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	0.009
	05/21/19	7.0	203	16.9	0.0	132	NA	0.23	27.0	2.36	10.9	1.1	8.5	8.06	91.0	115	ND	0.002	0.007	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	ND
	08/13/19	6.5	194	19.2	0.2	129	ND	0.07	23.8	2.21	12.9	1.1	8.3	8.10	88.3	85	ND	0.002	0.007	ND	ND	ND	ND	ND	ND	0.0004	0.001	ND	ND	ND	ND	0.001	ND
	11/13/19	6.0	212	16.4	0.0	138	ND	0.35	26.9	2.37	13.9	1.3	8.4	8.00	103.0	145	ND	0.002	0.007	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	ND
	02/18/20	NA	NA	NA	NA	NA	ND	0.28	22.9	2.04	12.8	ND	9.3	8.10	97.1	138	ND	0.002	0.007	ND	ND	ND	ND	0.001	ND	ND	0.001	ND	ND	ND	ND	0.001	ND
	05/19/20	6.2	207	17.5	0.0	133	ND	ND	22.9	2.17	11.4	1.2	8.8	8.10	87.9	188	ND	0.002	0.007	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	ND
	08/12/20	6.2	299	19.6	0.0	112	ND	0.59	23.4	2.04	12.9	1.2	7.9	8.10	85.8	155	ND	0.002	0.006	ND	ND	ND	ND	ND	ND	ND	0.001	0.001	ND	ND	ND	0.001	ND
	12/08/20	6.5	231	18.2	0.0	130	ND	1.78	24.1	2.03	13.1	1.1	7.8	8.10	85.9	ND	ND	0.002	0.006	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	0.012
	02/16/21	6.7	210	18.0	0.0	122	ND	0.85	22.3	2.03	11.8	1.4	8.8	8.10	84.5	115	ND	0.002	0.007	ND	ND	ND	ND	0.056	0.002	ND	0.001	ND	ND	ND	ND	0.001	0.042
	06/15/21	7.2	184	19.6	2.7	120	ND	ND	24.2	2.14	12.5	1.1	7.7	8.20	86.8	108	ND	0.002	0.006	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	0.008
(QCMW)	12/06/21	-	-	-	-	-	ND	0.35	23.5	2.18	12.2	1.1	7.4	7.90	89.2	118	ND	0.002	0.007	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	0.007
	12/06/21	7.4	189	17.1	0.5	122	ND	0.7	23.7	2.18	12.3	1.1	7.4	8.00	88.8	115	ND	0.002	0.006	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	0.007
	06/14/22	6.9	189	19.0	0.0	123	ND	ND	24.5	2.14	12.0	1.0	7.2	8.20	81.2	129	ND	0.002	0.006	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	ND
	12/13/22	6.9	190	17.7	0.0	123	ND	ND	25.1	2.15	12.3	1.3	7.0	8.20	83.6	152	ND	0.002	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	06/05/23	7.5	179	19.5	0.0	116	ND	ND	24.4	2.05	11.8	1.1	7.1	8.00	81.3	144	ND	0.002	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/12/23	7.4	192	17.6	6.2	124	ND	0.4	24.3	2.09	11.9	1.1	7.7	8.00	83.4	118	ND	0.002	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	06/18/24	7.1	194	18.8	0.0	126	ND	0.05	24.4	2.15	12.6	1.1	7.7	8.00	83.5	147	ND	0.002	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-3	03/23/16	8.8	124	17.7	40.1	80	ND	39	4.29	0.181	29.3	2.6	ND	8.60	59	65	ND	ND	0.003	ND	ND	ND	ND	0.003	ND	ND	0.002	ND	ND	ND	ND	ND	0.010
	06/14/16	9.6	153	18.4	8.8	100	4.0	5.60	4.66	0.166	28.1	3	ND	7.56	NA	NA	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	09/14/16	9.4	154	18.3	5.4	100	1.0	6.10	5.05	0.205	27.1	2.5	ND	7.91	66.0	65	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
(QCMW)	03/27/18	-	-	-	-	-	20	0.36	5.66	0.28	29.3	2.3	ND	8.64	66.0	75	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND
	03/27/18	7.5	157	17.9	9.9	102	20	1.40	5.72	0.293	30.2	2.3	ND	8.26	263	115	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	0.007
(QCMW)	06/12/18	-	-	-	-	-	NA	1.80	6.89	0.337	30.4	2.2	ND	8.42	71.0	85	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.005	0.002	0.001	ND	ND	ND	0.011
	06/12/18	8.5	156	19.2	14.4	102	4.0	1.60	6.09	0.281	29.0	2.2	ND	8.35	71.0	120	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.005	0.002	ND	ND	ND	ND	0.019
	08/14/18	8.6	161	19.4	2.0	104	20	3.80	5.84	0.270	25.6	2.4	ND	8.31	60.0	100	0.005	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	0.069
(QCMW)	11/13/18	-	-	-	-	-	1.0	3.60	6.07	0.283	26.5	2.1	ND	8.29	66.0	100	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	0.018
	11/13/18	8.3	152	18.1	10.0	99	2.0	4.60	6.11	0.283	26.6	2.1	ND	7.46	67.0	100	0.005	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	0.047
	02/12/19	8.1	152	17.9	5.0	99	2.0	7.10	6.55	ND	26.5	2.1	ND	8.52	61.0	80	0.007	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	0.010
	05/21/19	7.7	158	18.5	5.6	103	2.0	2.00	7.34	ND	24.2	12	ND	8.67	68.0	100	0.001	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	08/13/19	7.5	155	19.1	1.8	101	NA	2.97	6.96	ND	29.0	2.0	ND	8.40	71.6	85	ND	ND	0.004	ND	ND	ND	ND	ND	ND	0.0004	0.002	ND	ND	ND	ND	ND	ND
	11/13/19	7.7	165	18.4	3.5	107	2.0	1.37	7.98	ND	30.8	1.8	ND	8.50	84.5	77.5	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	02/18/20	NA	NA	NA	NA	NA	1.0	4.03	6.35	ND	26.6	1.7	ND	8.60	77.4	133	ND	ND	0.004	ND	ND	ND	ND	0.001	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	05/19/20	6.9	149	18.8	30.8	97	1.0	4.08	6.69	ND	25.6	1.9	ND	8.10	75.9	173	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	08/18/20	8.8	148	20.1	8.6	96	2.0	6.20	7.42	ND	28.9	1.9	ND	7.70	75.3	95	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND
	12/09/20	9.2	153	18.9	7.2	99	ND	7.28	6.66	ND	28.8	1.9	ND	8.50	110	115	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	02/16/21	8.7	155	19.2	0.0	101	1.0	4.96	6.72	ND	26.4	2.1	ND	8.30	73.0	95	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	06/15/21	7.6	155	20.5	0.5	101	ND	3.89	7.97	ND	30.6	1.8	ND	8.30	75.5	85	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	12/07/21	8.8	155	19.2	12.0	100	ND	3.10	7.36	ND	27.3	1.8	ND	8.20	92.2	113	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND
	06/15/22	8.3	161	19.9	0.0	104	1.0	4.50	7.60	ND	27.2	1.8	ND	8.30	73.1	82	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND
	12/14/22	8.9	155	19.2	0.0	101	1.0	1.20	7.91	ND	27.1	2.1	ND	8.50	77.0	106	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	06/06/23	NA	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/12/23	NA	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/18/24	NA	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3

WATER QUALITY DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Date Collected:	pH (field)	Electric Conductivity (field)	Temperature (field)	Turbidity (field)	Total Dissolved Solids (field)	Odor (lab)	Turbidity (lab)	Calcium	Magnesium	Sodium	Chloride	Sulfate	pH (lab)	Bicarbonate (as CaCO3)	Total Dissolved Solids (lab)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		Field Parameters					Lab Parameters										Total Metals																	
		pH units	µS/cm	deg C	NTU	mg/L	odor units	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
OW-7u	03/23/16	8.1	172	19.1	7.6	112	ND	0.21	19.9	1.49	21.7	1.8	15	7.72	79.0	142	ND	0.013	0.008	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.004	0.007
	06/14/16	8.6	214	19.6	2.5	139	ND	0.45	22.5	1.53	22.3	1.8	14	7.35	NA	NA	0.002	0.012	0.008	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.004	0.005
	09/14/16	8.5	209	19.9	0.0	136	1.0	0.20	20.7	1.44	20.4	1.5	14	7.67	78.0	115	ND	0.012	0.008	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.004	ND
	03/27/18	6.9	210	17.6	0.0	137	ND	0.11	19.8	1.57	21.3	1.4	15	7.87	80.0	125	ND	0.014	0.009	ND	ND	ND	ND	ND	ND	ND	0.006	ND	0.002	ND	ND	0.005	0.010
	06/12/18	7.1	205	20.3	0.0	133	ND	ND	20.4	1.54	20.2	2.2	14	7.95	77.0	125	ND	0.017	0.008	ND	ND	ND	ND	ND	0.004	ND	0.006	0.007	ND	ND	ND	0.005	0.017
	08/14/18	8.1	205	20.4	0.0	133	2.0	ND	20.2	1.56	21.0	1.8	16	7.80	68.0	115	0.002	0.014	0.008	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	0.005	0.018
	11/13/18	7.7	197	19.6	0.0	128	1.0	0.13	21.1	1.56	17.4	1.8	18	7.52	67.0	135	0.002	0.016	0.009	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	0.005	ND
	02/12/19	6.9	187	19.3	32.9	120	1.0	0.41	19.5	1.43	16.9	2.1	18	8.08	65.0	95	0.002	0.022	0.008	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	0.005	0.008
(QCMW)	05/21/19	–	–	–	–	–	ND	0.20	20.9	1.60	15.0	1.9	19	8.03	72.0	115	0.003	0.024	0.009	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	0.001	ND	0.004	ND
	05/21/19	7.3	199	19.8	0.0	129	1.0	0.20	20.4	1.53	14.9	1.8	19	8.15	73.0	120	0.001	0.024	0.009	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	0.005	ND
	08/13/19	7.3	185	20.1	0.0	120	NA	0.33	16.9	1.56	19.2	2.2	18	8.20	68.4	105	ND	0.026	0.007	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	0.005	ND
(QCMW)	11/13/19	–	–	–	–	–	ND	0.29	17.9	2.10	20.0	2.0	17	8.00	75.9	135	ND	0.027	0.008	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	0.005	ND
	11/13/19	7.4	197	19.8	0.0	128	ND	0.36	17.9	2.14	20.5	2.0	17	8.10	79.7	105	ND	0.027	0.007	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	0.005	ND
	02/18/20	NA	NA	NA	NA	NA	ND	0.24	14.6	1.86	17.7	1.5	17	8.20	76.3	155	ND	0.027	0.007	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.005	ND
	05/19/20	6.7	171	19.7	0.0	111	ND	0.07	15.6	1.72	15.8	1.7	16	8.20	68.5	175	ND	0.026	0.007	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.005	ND
	08/18/20	8.2	174	21.2	0.0	113	1.0	1.58	16.6	1.87	18.8	1.7	17	7.70	69.1	170	ND	0.026	0.007	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.005	ND
(QCMW)	12/09/20	–	–	–	–	–	NA	0.47	16.5	1.74	18.9	1.7	16	8.10	67.9	113	ND	0.025	0.007	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.005	ND
	12/09/20	8.6	180	20.8	13.3	117	ND	0.54	16.9	1.83	18.6	1.7	15	8.00	66.8	133	ND	0.025	0.007	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.005	ND
	02/16/21	8.1	181	20.9	0.0	118	ND	1.36	15.9	1.74	16.1	2.0	18	8.10	67.0	115	ND	0.023	0.007	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.004	ND
	06/15/21	7.7	173	21.5	0.0	113	ND	ND	17.5	2.03	18.3	1.6	15	8.20	68.8	110	ND	0.024	0.007	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.004	ND
	12/07/21	8.3	177	20.8	0.0	115	ND	0.45	17.5	1.88	16.5	1.7	16	8.00	70.8	113	ND	0.024	0.007	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.005	ND
(QCMW)	06/15/22	–	–	–	–	–	1.0	ND	19.4	2.14	16.3	1.7	17	8.10	68.5	123	ND	0.022	0.007	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.004	ND
	06/15/22	8.0	189	21.4	0.0	123	ND	ND	19.3	2.09	16.5	1.7	17	8.20	68.1	129	ND	0.023	0.008	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.004	ND
(QCMW)	12/14/22	–	–	–	–	–	–	ND	19.4	2.11	16.1	1.9	14	8.20	69.8	147	ND	0.019	0.008	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.004	ND
	12/14/22	8.4	180	20.7	0.0	117	ND	ND	19.5	2.08	16.0	1.8	14	8.30	72.0	129	ND	0.019	0.007	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.004	ND
	06/06/23	8.1	165	21.2	0.0	107	ND	ND	19.4	1.89	16.2	1.6	14	8.10	67.3	167	ND	0.020	0.008	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	0.004	ND
	12/13/23	8.2	84	20.5	3.0	54	ND	0.10	18.4	1.73	18.3	1.5	14	8.10	69.2	131	ND	0.019	0.007	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	0.004	ND
	06/19/24	8.5	155	21.1	0.0	101	ND	0.05	15.5	1.43	17.5	1.4	10	8.00	89.6	129	ND	0.021	0.007	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	0.007	ND
OW-7m	03/23/16	7.8	191	16.7	0.0	125	ND	0.38	22.2	1.77	23.0	3.4	30	7.77	72.0	162	0.002	0.024	0.012	ND	ND	0.002	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.004	0.036
	06/14/16	8.6	235	18.9	0.0	152	ND	0.24	24.5	1.79	23.2	3.6	28	7.44	NA	NA	0.002	0.022	0.012	ND	ND	0.001	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.004	0.027
	09/14/16	8.5	231	20.8	0.0	150	ND	0.21	22.7	1.65	21.3	3.3	30	7.56	71.0	155	0.002	0.022	0.012	ND	ND	0.002	ND	ND	ND	ND	0.037	ND	ND	ND	ND	0.004	0.024
	03/27/18	6.7	228	15.6	4.9	148	ND	0.10	21.6	1.63	21.8	3.2	29	7.83	70.0	150	0.002	0.023	0.012	ND	ND	0.002	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.005	0.080
	06/12/18	7.8	230	19.6	0.0	149	ND	ND	23.8	1.79	21.9	3.0	27	7.79	75.0	130	0.002	0.028	0.012	ND	ND	0.001	ND	ND	ND	ND	0.004	0.007	ND	ND	ND	0.005	0.077
	08/14/18	7.8	231	20.3	0.0	150	ND	ND	22.6	1.80	20.9	3.4	30	7.63	70.0	115	0.002	0.024	0.012	ND	ND	0.002	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.005	0.062
	11/13/18	7.5	217	19.5	0.0	141	ND	0.10	21.7	1.73	20.5	2.9	28	7.58	66.0	140	0.004	0.023	0.012	ND	ND	0.002	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.004	0.059
	02/12/19	7.3	214	14.9	13.2	139	ND	0.06	21.6	1.63	20	3.1	27	7.99	69.0	145	0.002	0.023	0.011	ND	ND	0.001	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.005	0.052
	05/21/19	7.1	221	18.9	2.7	143	ND	0.18	23.6	1.75	18.1	2.8	28	8.03	72.0	135	0.002	0.024	0.011	ND	ND	0.002	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.004	0.044
	08/13/19	7.4	204	21.0	0.0	133	ND	0.12	20.2	1.59	20.7	3.0	26	8.20	68.0	105	ND	0.024	0.017	ND	ND	0.002	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.005	0.006
	11/13/19	7.4	215	19.4	0.2	140	ND	0.30	21.1	1.69	21.0	2.6	26	8.20	68.0	118	ND	0.023	0.016	ND	ND	0.001	ND	ND	ND	ND	0.003	ND	ND	ND	ND	0.005	0.015
	02/18/20	NA	NA	NA	NA	NA	ND	0.22	18.0	1.50	19.5	2.4	27	8.10	73.5	180	ND	0.024	0.019	ND	ND	0.001	ND	ND	ND	ND	0.003	ND	ND	ND	ND	0.006	ND
	05/19/20	6.6	207	19.2	0.0	134	ND	0.14	19.8	1.54	17.9	2.8	27	8.20	69.5	155	ND	0.023	0.012	ND	ND	0.001	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.005	ND
	08/12/20	8.1	223	25.2	0.0	145	ND	0.44	20.9	1.58	20.4	2.9	27	8.00	70.7	180	0.001	0.019	0.011	ND	ND	0.001	ND	ND	0.002	ND	0.003	ND	ND	ND	ND	0.005	0.013
	12/08/20	NA	NA	NA	NA	NA	ND	1.02	20.9	1.50	20.3	2.8	27	8.10	68.4	133	ND	0.022	0.010	ND	ND	0.002	ND	ND	ND	ND	0.003	ND	ND	ND	ND	0.004	0.009
	02/16/21	8.4	206	20.2	0.0	134	ND	0.30	19.0	1.47	18.6	2.9	28	8.10	66.0	148	ND	0.022	0.011	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.005	ND
	06/15/21	7.2	207	25.1	0.0	134	ND	ND	22.6	1.67	20.3	2.6	27	8.20	71.2	145	ND	0.022	0.010	ND	ND	0.002	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.005	0.009
	12/07/21	8.2	206	19.1	0.0	134	ND	0.15	21.3	1.67	19.9	2.7	27	8.00	71.6	133	0.001	0.023	0.010	ND	ND	0.001	ND	ND	ND	ND	0.003	ND	ND	ND	ND	0.005	ND
	06/15/22	7.9	212	20.6	0.0	138	ND	ND	22.1	1.63	19.5	3.0	27	8.10	66.1	153	0.001	0.023	0.010	ND	ND	0.002	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.005	ND
	12/14/22	8.3	205	18.9	0.0	133	ND	ND	23.0	1.67	19.6	3.0	26	8.20	71.8	149	ND	0.021	0.010	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	0.005	ND
	06/06/23	7.9	192	19.4	0.0	124	ND	ND	22.8	1.66	19.3	3.0	27	8.00	67.1	171	ND	0.022	0.011	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.005	ND
	12/13/23	7.7	100	18.1	32.1	65	ND	0.50	19.7	1.54	20.3	2.5	25	8.10	67.5	160	ND	0.020	0.017	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	0.005	ND
	06/18/24	8.3	207	21.5	0.0	134	ND	ND	20.0	1.61	20.9	2.7	25	8.00	67.2	166	ND	0.020	0.018	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	0.006	ND

TABLE 3

WATER QUALITY DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Date Collected:	pH (field)	Electric Conductivity (field)	Temperature (field)	Turbidity (field)	Total Dissolved Solids (field)	Odor (lab)	Turbidity (lab)	Calcium	Magnesium	Sodium	Chloride	Sulfate	pH (lab)	Bicarbonate (as CaCO3)	Total Dissolved Solids (lab)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		Field Parameters					Lab Parameters										Total Metals																	
		pH units	µS/cm	deg C	NTU	mg/L	odor units	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
OW-8us	04/19/16	7.8	191	16.7	0.0	125	2.0	0.08	12.3	2.62	19.2	3.9	6.1	8.25	76.0	132	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.013
	06/14/16	9.4	198	14.0	0.0	129	2.0	0.26	12.8	2.51	16.3	4.7	6.4	7.94	NA	NA	ND	0.005	0.002	ND	ND	ND	ND	ND	0.001	ND	0.002	ND	ND	ND	ND	ND	ND
(QCMW)	09/14/16	–	–	–	–	–	ND	ND	12.4	2.31	17.2	4.3	7.6	7.98	74.0	155	ND	0.004	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	0.002	ND	ND	ND	ND
	09/14/16	9.3	199	14.4	0.0	129	2.0	0.21	12.5	2.29	16.9	4.3	7.9	8.00	75.0	135	ND	0.004	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	03/27/18	6.8	197	12.8	0.0	128	>200	ND	11.6	2.23	16.6	4.1	6.6	8.25	67.0	100	ND	0.006	0.002	ND	ND	ND	ND	ND	0.001	0.010	ND	0.002	ND	ND	ND	ND	ND	0.021
	06/12/18	8.0	198	15.8	0.0	128	>200	ND	12.4	2.37	17.1	3.9	6.5	8.26	75.0	115	ND	0.007	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	0.004	ND	ND	ND	ND	0.018
	08/14/18	8.1	193	17.7	0.0	125	>200	ND	12.1	2.34	16.7	4.5	7.0	8.21	66.0	105	ND	0.006	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.017
	11/13/18	7.5	193	12.7	2.5	125	>200	0.09	11.8	2.27	16.4	3.8	7.7	8.19	67.0	120	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	02/12/19	6.9	189	12.4	23.5	123	>200	ND	11.6	2.21	15.7	4.1	6.8	8.36	68.0	120	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.210
	05/21/19	7.4	192	15.0	1.2	125	>200	0.16	12.4	2.33	13.8	3.8	6.4	8.41	75.0	110	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	08/13/19	7.1	182	17.9	2.1	118	>200	0.08	11.1	2.17	17.3	4.2	6.5	8.40	73.6	130	0.004	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	11/13/19	6.9	193	14.3	0.0	126	>200	0.32	13.0	2.48	19.1	4.0	6.8	8.40	85.6	110	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	02/18/20	NA	NA	NA	NA	NA	40	0.15	10.4	1.98	16.0	3.6	6.3	8.40	78.0	160	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	05/19/20	6.9	180	15.6	0.0	117	>200	0.08	10.7	2.01	14.9	3.9	7.1	8.40	74.5	170	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	08/12/20	7.9	184	20.5	0.2	120	>200	0.28	11.3	2.03	17.5	4.0	7.1	8.30	74.7	155	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	0.003	ND	0.002	ND	ND	ND	ND	ND	0.006
	12/08/20	8.2	188	16.8	0.0	125	40	0.87	11.4	2.01	18.0	3.7	6.9	8.30	72.6	133	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	02/16/21	7.5	183	15.0	0.0	119	40	0.75	10.4	1.96	15.6	4.1	7.9	8.40	70.5	125	ND	0.005	0.002	ND	ND	ND	ND	ND	0.002	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	06/15/21	7.6	178	17.5	0.0	116	20	ND	11.9	2.17	17.7	3.7	6.5	8.40	72.6	145	ND	0.004	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	0.002	ND	ND	ND	ND
	12/06/21	8.2	182	15.4	0.5	118	100	0.10	11.4	2.15	16.8	3.7	7.4	8.20	76.0	153	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	06/14/22	8.3	184	18.5	0.0	120	20	ND	11.6	2.12	16.3	4.0	7.8	8.30	70.0	149	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	12/13/22	8.3	192	15.1	0.0	125	>200	ND	12.2	2.16	16.6	4.0	10	8.30	72.6	160	ND	0.004	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	06/05/23	8.4	172	18.4	0.0	112	>200	ND	11.8	2.06	16.0	3.9	7.8	8.20	69.1	167	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	12/12/23	8.6	192	15.6	0.0	125	4.0	0.40	11.9	2.14	16.8	3.7	11	8.30	74.3	150	ND	0.004	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	06/18/24	8.6	181	18.8	0.0	117	4.0	ND	11.5	2.12	16.8	3.9	7.3	8.20	72.8	150	ND	0.005	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
OW-9u	04/19/16	9.4	202	14.4	0.0	131	2.0	0.09	10.5	1.06	18.8	3.3	10	8.34	70.0	102	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	0.018
	06/14/16	9.3	207	13.6	13.2	135	ND	ND	11.6	1.13	19.7	3.8	9.9	8.19	NA	NA	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	0.008
	09/14/16	9.2	203	15.5	1.8	132	2.0	0.27	10.8	1.05	17.9	3.5	11	8.27	76.0	120	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	0.012
	03/27/18	6.9	208	13.4	5.1	135	100	0.09	10.6	1.10	18.8	3.4	11	8.47	69.0	125	ND	ND	0.002	ND	ND	ND	ND	ND	0.005	ND	ND	0.005	ND	ND	ND	ND	ND	0.009
	06/12/18	8.2	205	14.2	0.0	134	>200	ND	11.2	1.09	18.4	3.2	9.6	8.28	76.0	120	ND	ND	0.021	ND	ND	ND	ND	ND	ND	ND	ND	0.003	0.008	ND	ND	ND	0.001	0.013
	08/14/18	8.3	202	19.1	0.0	131	>200	ND	10.8	1.09	17.8	3.7	11	8.26	62.0	115	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	0.025
	11/13/18	7.7	202	11.7	0.0	131	40	0.06	10.8	1.10	18.1	3.2	10	8.33	68.0	125	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	0.008
	02/12/19	7.6	194	12.8	11.4	126	20	ND	10.6	1.05	17.2	3.4	9.9	8.44	64.0	140	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	0.009
	05/21/19	7.4	197	14.9	1.2	128	20	0.18	11.7	1.12	15.8	3.5	10	8.49	73.0	125	0.002	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND
	08/13/19	7.3	189	18.7	1.6	123	NA	0.07	10.5	1.05	18.9	3.6	10	8.50	75.3	105	0.001	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND
	11/13/19	7.1	202	14.2	2.7	131	ND	0.40	11.4	1.09	19.7	3.8	10	8.40	83.3	143	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	02/18/20	NA	NA	NA	NA	NA	20	0.10	9.5	0.95	17.1	3.0	11	8.50	74.9	150	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	05/19/20	6.8	229	15.3	0.0	149	20	0.23	9.98	0.99	16.0	3.2	10	8.50	74.3	183	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	08/12/20	8.7	195	24.8	0.0	127	20	0.58	10.6	1.05	18.2	3.3	11	8.40	74.1	140	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND
	12/08/20	8.8	205	17.0	0.0	132	20	1.07	10.7	1.02	19.0	3.1	9.8	8.50	69.4	135	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	02/16/21	8.3	181	14.1	0.0	117	1.0	0.37	9.71	0.97	16.6	3.4	11	8.50	68.7	133	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	06/15/21	7.7	179	18.9	0.0	117	ND	0.23	11.5	1.07	19.2	3.0	9.9	8.40	71.0	105	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND
	12/06/21	8.4	186	16.0	0.0	121	20	0.25	10.7	1.09	17.7	3.0	9.9	8.30	76.8	130	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND
	06/14/22	8.2	186	18.4	0.0	121	20	ND	11.0	1.06	17.4	3.7	11	8.40	68.8	114	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/13/22	8.4	196	13.2	0.0	128	20	ND	11.2	1.06	17.5	3.5	11	8.60	75.8	142	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	06/05/23	8.4	179	17.5	0.0	116	40	ND	10.7	0.98	16.5	3.3	9.8	8.40	69.5	189	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND
	12/12/23	8.5	195	14.2	0.0	127	4.0	0.20	11.0	1.09	17.4	3.3	10	8.30	71.7	157	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND
	06/18/24	8.6	187	18.8	0.0	122	ND	ND	10.6	1.03	17.3	3.2	10	8.30	74.4	164	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND

TABLE 3

WATER QUALITY DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Date Collected:	pH (field)	Electric Conductivity (field)	Temperature (field)	Turbidity (field)	Total Dissolved Solids (field)	Odor (lab)	Turbidity (lab)	Calcium	Magnesium	Sodium	Chloride	Sulfate	pH (lab)	Bicarbonate (as CaCO3)	Total Dissolved Solids (lab)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		Field Parameters					Lab Parameters										Total Metals																
		pH units	µS/cm	deg C	NTU	mg/L	odor units	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
OW-10u	03/23/16	8.0	206	12.6	0.0	134	ND	3.40	17.0	2.34	14.8	ND	5.6	7.09	72.0	122	ND	0.004	0.017	ND	ND	ND	ND	0.002	ND	ND	0.003	0.002	ND	ND	ND	0.001	0.005
	06/14/16	7.8	164	16.9	0.9	107	ND	0.57	17.4	2.21	13.4	1.2	5.1	7.26	NA	NA	ND	0.003	0.017	ND	ND	ND	ND	ND	ND	ND	0.003	0.001	ND	ND	ND	ND	ND
	09/14/16	7.6	159	17.4	0.0	104	2.0	1.30	17.1	2.1	13.4	ND	5.3	7.45	73.0	85	ND	0.003	0.019	ND	ND	ND	ND	ND	ND	ND	0.003	0.002	ND	ND	ND	ND	0.008
	03/27/18	6.1	160	17.3	0.0	104	NA	0.56	16.0	2.01	13.1	ND	5.5	7.52	58.0	95	0.001	0.004	0.020	ND	ND	ND	ND	ND	ND	ND	0.003	0.004	ND	ND	ND	0.002	0.008
(QCMW)	06/12/18	–	–	–	–	–	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/18	7.0	163	17.9	0.0	108	ND	0.11	18.0	2.17	13.8	ND	5.0	7.46	68.0	95	0.007	0.004	0.021	ND	ND	ND	ND	ND	ND	ND	0.003	0.008	ND	ND	ND	0.001	0.013
	08/14/18	6.9	159	18.6	0.0	103	1.0	0.56	16.7	2.16	13.0	ND	5.3	5.99	62.0	90	ND	0.003	0.021	ND	ND	ND	ND	ND	ND	ND	0.003	0.003	ND	ND	ND	0.001	0.021
	11/13/18	6.7	149	7.2	0.0	97	1.0	0.91	15.7	2.02	12.6	ND	4.8	7.5	63.0	100	ND	0.004	0.022	ND	ND	0.001	ND	ND	ND	ND	0.003	0.004	ND	ND	ND	0.001	ND
(QCMW)	02/12/19	–	–	–	–	–	ND	0.58	15.2	1.98	12.0	ND	4.5	7.56	63.0	95	ND	0.004	0.020	ND	ND	ND	ND	ND	ND	ND	0.002	0.003	ND	ND	ND	0.002	ND
	02/12/19	6.6	145	17.4	0.0	94	ND	0.39	15.4	1.86	12.1	ND	4.5	7.54	63.0	85	ND	0.003	0.020	ND	ND	ND	ND	0.002	ND	ND	0.003	0.003	ND	ND	ND	0.001	0.008
	05/21/19	6.4	153	17.8	3.4	99	ND	0.36	17.4	2.12	10.6	ND	5.3	7.45	70.0	90	ND	0.004	0.022	ND	ND	ND	ND	0.002	ND	ND	0.002	0.001	ND	ND	ND	0.001	0.005
(QCMW)	08/13/19	–	–	–	–	–	ND	0.27	14.6	2.01	13.2	ND	5.2	7.60	67.6	ND	ND	0.003	0.020	ND	ND	ND	ND	ND	ND	0.0003	0.003	ND	ND	ND	ND	0.001	ND
	08/13/19	6.2	145	18.1	0.0	94	ND	0.23	14.8	1.98	13.5	1.0	5.2	7.60	67.4	145	ND	0.003	0.019	ND	ND	ND	ND	ND	ND	ND	0.002	0.001	ND	ND	ND	0.001	ND
	11/13/19	6.6	153	17.9	0.0	99	ND	0.50	15.6	2.07	13.6	1.2	4.6	7.40	75.8	97.5	ND	0.003	0.019	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	0.001	ND
	02/18/20	NA	NA	NA	NA	NA	ND	2.37	13.1	1.82	12.1	ND	5.0	7.40	72.0	115	ND	0.007	0.028	ND	ND	0.006	0.001	ND	ND	ND	0.002	0.002	ND	ND	ND	0.002	0.006
	05/19/20	5.9	142	17.8	0.0	93	ND	0.35	14.1	1.82	11.2	ND	4.9	7.70	66.9	138	ND	0.003	0.021	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	0.002	ND
	08/18/20	6.9	138	19.2	0.0	89	1.0	0.21	14.7	1.92	13.4	ND	5.2	7.40	65.4	113	ND	0.003	0.019	ND	ND	ND	ND	ND	ND	ND	0.003	0.002	0.002	ND	ND	0.001	ND
	12/09/20	7.4	142	18.8	0.0	92	ND	1.35	14.1	1.83	13.5	1.1	4.6	7.60	64.4	85	ND	0.002	0.020	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	0.001	ND
	02/16/21	6.9	142	18.9	0.0	92	ND	1.55	13.0	1.81	11.6	1.2	5.3	7.50	63.5	65	ND	0.003	0.021	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	0.001	ND
(QCMW)	06/15/21	–	–	–	–	–	ND	1.66	14.5	1.99	13.3	ND	5.0	7.70	65.7	95	ND	0.002	0.021	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	0.002	ND
	06/15/21	5.9	141	19.3	0.0	91	ND	1.25	15.0	2.03	13.7	ND	5.1	7.70	65.6	118	ND	0.003	0.021	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	0.001	ND
	12/07/21	6.6	143	18.9	0.0	93	ND	0.85	14.7	2.04	12.9	ND	5.3	7.60	67.0	85	ND	0.003	0.022	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	0.002	0.008
	06/15/22	6.8	148	19.2	0.0	96	ND	0.30	15.4	2.08	12.7	ND	5.5	7.70	62.5	94	ND	0.003	0.021	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	0.001	ND
	12/14/22	7.1	145	18.9	0.0	94	ND	0.60	16.0	2.04	12.6	1.1	5.4	7.70	66.5	123	ND	0.003	0.024	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND
	06/06/23	6.9	135	19.4	0.0	88	ND	0.35	15.7	1.93	12.3	ND	4.9	7.50	64.7	141	ND	0.003	0.023	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND
	12/13/23	7.1	140	18.8	0.0	91	ND	0.30	15.7	1.99	13.8	ND	5.2	7.60	66.7	104	ND	0.003	0.023	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND
	06/19/24	7.1	146	19.5	2.6	95	ND	0.30	15.4	2.07	13.0	1.0	5.3	7.50	65.3	123	ND	0.003	0.023	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND
OW-10m	03/23/16	6.9	136	16.9	14.1	89	ND	0.48	6.10	0.764	37.5	2.0	2.1	8.33	110	178	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.008
	06/14/16	9.3	241	17.2	0.0	156	ND	0.88	7.52	0.910	34.4	2.1	1.0	8.30	NA	NA	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.005
	09/14/16	9.2	236	17.3	0.0	153	ND	1.60	6.63	0.819	32.0	1.6	2.6	8.32	107	175	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	03/27/18	7.2	239	17.3	5.7	155	8.0	0.24	5.90	0.657	37.3	1.5	1.2	8.54	86.0	150	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.007
	06/12/18	8.2	240	18.2	0.9	156	1.0	0.36	6.49	0.707	37.7	1.8	2.2	8.39	108	135	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.001	0.002	ND	ND	ND	ND	0.020
	08/14/18	8.3	239	18.9	0.0	155	2.0	1.20	6.27	0.700	34.3	2.0	2.5	8.24	86.0	130	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.021
	11/13/18	8.0	228	17.2	6.0	148	>200	0.45	5.60	0.606	34.9	1.7	1.2	8.47	98.0	145	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.009
	02/12/19	7.9	226	17.4	0.0	147	1.0	1.70	5.33	0.566	33.1	1.9	ND	8.57	91.0	145	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.019
	05/21/19	7.6	231	17.7	4.0	150	2.0	1.30	6.60	0.707	30.3	1.8	1.1	8.56	110	135	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.006
	08/13/19	7.5	222	18.1	2.4	145	2.0	1.43	5.76	0.633	35.2	2.0	ND	8.60	97.3	80	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/13/19	7.5	235	17.9	0.0	153	ND	0.80	5.77	0.593	37.4	1.9	ND	8.60	115	113	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.013
	02/18/20	NA	NA	NA	NA	NA	ND	1.03	4.79	0.528	32.7	1.5	ND	8.60	106	185	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.006
	05/19/20	6.8	217	18.0	0.0	141	ND	1.80	5.56	0.623	30.1	1.7	2.3	8.60	100	280	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	08/18/20	8.6	216	19.2	2.2	140	1.0	3.44	9.80	1.120	29.6	1.6	3.2	8.20	101	210	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	12/09/20	9.1	221	18.7	0.0	143	1.0	0.59	5.45	0.563	35.7	1.7	ND	8.50	109	133	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	02/16/21	8.5	220	18.9	0.0	143	ND	1.15	4.81	0.522	32.5	2.0	1.0	8.50	97.1	138	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	06/15/21	7.6	211	19.4	0.0	137	ND	0.17	5.85	0.594	35.8	1.6	2.1	8.50	98.7	155	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	12/07/21	8.8	218	18.9	2.8	141	20	0.60	5.54	0.603	35.5	1.6	ND	8.40	107	120	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015
	06/15/22	8.5	221	19.2	0.0	144	2.0	5.3	5.66	0.604	32.9	2.0	2.4	8.50	95.5	166	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/14/22	8.7	216	18.6	0.0	140	2.0	0.10	5.72	0.573	32.8	2.1	2.5	8.60	98.9	176	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	06/06/23	8.5	191	19.6	0.0	124	4.0	7.9	8.21	0.890	27.3	1.6	1.6	8.30	98.9	199	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/13/23	8.5	199	18.8	0.0	130	2.0	0.75	9.44	1.08	29.1	1.5	3.6	8.40	97.9	150	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	06/19/24	8.2	207	19.4	0.0	134	ND	0.30	23.7	2.50	15.0	1.1	7.2	8.10	95.8	173	ND	0.003	0.005	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND

TABLE 3

WATER QUALITY DATA

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Date Collected:	pH (field)	Electric Conductivity (field)	Temperature (field)	Turbidity (field)	Total Dissolved Solids (field)	Odor (lab)	Turbidity (lab)	Calcium	Magnesium	Sodium	Chloride	Sulfate	pH (lab)	Bicarbonate (as CaCO3)	Total Dissolved Solids (lab)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		Field Parameters					Lab Parameters										Total Metals																	
		pH units	µS/cm	deg C	NTU	mg/L	odor units	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
P-5	03/23/16	7.0	107	17.9	4.6	70	ND	0.61	11.1	1.52	15.6	ND	4.2	7.30	47.0	105	ND	ND	0.023	ND	ND	ND	ND	ND	0.012	ND	0.004	ND	ND	ND	ND	0.001	1.030
	06/14/16	7.2	134	18.2	9.0	87	ND	3.00	11.1	1.59	14.7	1.3	3.8	7.31	NA	NA	ND	ND	0.022	ND	ND	ND	ND	ND	0.014	ND	0.004	ND	ND	ND	ND	0.001	0.682
	09/14/16	7.5	130	18.9	9.0	85	ND	1.80	10.8	1.42	13.7	ND	4.2	7.35	50.0	100	ND	ND	0.022	ND	ND	ND	ND	ND	0.009	ND	0.004	ND	ND	ND	ND	0.001	0.670
	03/27/18	6.1	129	18.9	7.0	84	2.0	1.10	10.0	1.36	14.8	ND	3.9	7.42	58.0	75	ND	ND	0.022	ND	ND	ND	ND	ND	0.014	ND	0.004	ND	ND	ND	ND	0.002	0.887
	06/12/18	7.0	131	19.4	17.0	85	1.0	2.10	11.3	1.57	15.4	ND	3.4	7.45	52.0	75	ND	0.001	0.024	ND	ND	ND	ND	ND	0.016	ND	0.004	0.003	0.002	ND	ND	0.002	0.699
(QCMW)	08/14/18	–	–	–	–	–	1.0	1.10	9.9	1.42	13.4	ND	3.9	7.06	51.0	70	ND	ND	0.023	ND	ND	ND	ND	ND	0.009	ND	0.004	ND	ND	ND	ND	0.002	0.571
	08/14/18	6.9	139	19.8	2.6	86	1.0	1.00	10.3	1.44	14.0	ND	3.8	6.99	52.0	70	ND	ND	0.021	ND	ND	ND	ND	ND	0.010	ND	0.004	ND	ND	ND	ND	0.002	0.720
	11/13/18	6.7	126	18.6	0.0	82	ND	0.77	10.5	1.46	14.5	ND	3.6	7.00	52.0	85	ND	ND	0.023	ND	ND	ND	ND	ND	0.010	ND	0.004	ND	ND	ND	ND	0.002	0.634
	02/12/19	6.6	124	18.2	12.5	80	ND	0.60	9.8	1.35	13.4	ND	3.4	7.38	53.0	75	ND	ND	0.021	ND	ND	ND	ND	ND	0.008	ND	0.004	ND	ND	ND	ND	0.002	0.683
	05/21/19	6.4	113	19.3	20.0	84	ND	1.30	10.8	1.48	11.7	ND	3.6	7.28	58.0	75	ND	ND	0.022	ND	ND	ND	ND	ND	0.010	ND	0.004	ND	ND	ND	ND	0.002	0.666
	08/13/19	6.4	124	19.5	190	81	ND	32.3	10.4	1.78	14.8	1.1	3.9	7.50	56.9	120	ND	0.001	0.039	ND	ND	ND	0.001	0.003	0.090	0.0003	0.001	ND	ND	ND	ND	0.005	2.950
	11/13/19	6.7	128	19.2	35.5	83	ND	3.11	10.6	1.50	15.2	ND	3.3	7.30	64.1	87.5	ND	ND	0.024	ND	ND	ND	ND	0.003	0.018	ND	0.003	ND	ND	ND	ND	0.002	0.935
	02/18/20	NA	NA	NA	NA	NA	ND	12.1	9.0	1.69	13.4	ND	2.9	7.30	60.9	95	ND	0.001	0.030	ND	ND	ND	ND	0.002	0.055	ND	0.002	ND	ND	ND	ND	0.004	2.340
	05/19/20	6.0	119	19.5	83.1	77	ND	8.14	9.51	1.44	12.7	ND	3.1	7.50	56.7	130	ND	0.001	0.027	ND	ND	ND	ND	0.002	0.038	ND	0.003	ND	ND	ND	ND	0.004	1.630
	08/18/20	6.8	116	20.8	56.6	75	ND	30.4	10.8	1.79	14.9	ND	3.2	7.20	56.7	143	ND	0.001	0.029	ND	ND	ND	ND	0.001	0.054	ND	0.003	0.001	ND	ND	ND	0.004	1.440
	12/09/20	7.5	118	20.0	22.8	77	ND	7.42	9.99	1.44	14.8	ND	2.5	7.50	53.7	80	0.001	ND	0.023	ND	ND	ND	ND	ND	0.022	ND	0.003	ND	ND	ND	ND	0.002	0.970
(QCMW)	02/16/21	–	–	–	–	–	ND	4.08	9.40	1.30	12.8	1.1	2.9	7.50	54.2	65	ND	ND	0.022	ND	ND	ND	ND	ND	0.010	ND	0.004	ND	ND	ND	ND	0.002	0.598
	02/16/21	7.0	120	20.3	4.8	78	ND	3.04	8.97	1.29	12.6	1.1	3.0	7.50	55.2	17.5	ND	ND	0.022	ND	ND	ND	ND	ND	0.010	ND	0.004	ND	ND	ND	ND	0.002	0.644
	06/15/21	6.0	118	21.3	8.8	77	ND	3.50	10.6	1.40	14.2	ND	3.0	7.70	57.3	67.5	ND	ND	0.022	ND	ND	ND	ND	ND	0.008	ND	0.004	ND	ND	ND	ND	0.002	0.584
	12/07/21	7.1	118	20.3	0.0	77	ND	1.40	10.2	1.44	13.4	ND	3.3	7.50	57.4	70	ND	ND	0.022	ND	ND	ND	ND	ND	0.006	ND	0.003	ND	ND	ND	ND	0.002	0.392
	06/15/22	6.8	122	21.0	0.0	80	1.0	2.60	10.5	1.44	13.2	1.0	3.5	7.60	52.5	96	ND	ND	0.022	ND	ND	ND	ND	ND	0.011	ND	0.003	ND	ND	ND	ND	0.002	0.608
	12/14/22	7.2	119	20.2	0.0	77	ND	0.55	10.7	1.40	13.5	1.3	3.6	7.70	54.5	112	ND	ND	0.023	ND	ND	ND	ND	ND	0.005	ND	0.003	ND	ND	ND	ND	ND	0.346
(QCMW)	06/06/23	–	–	–	–	–	ND	1.1	10.5	1.37	13.1	1.1	7.2	7.30	53.6	111	ND	ND	0.022	ND	ND	ND	ND	ND	0.009	ND	0.004	ND	ND	ND	ND	0.002	0.504
	06/06/23	6.9	111	21.5	0.0	72	ND	0.95	10.5	1.36	13.2	ND	3.4	7.30	52.6	110	ND	ND	0.022	ND	ND	ND	ND	ND	0.009	ND	0.004	ND	ND	ND	ND	ND	0.497
(QCMW)	12/13/23	–	–	–	–	–	ND	1.0	10.1	1.32	13.8	ND	3.1	7.40	71.0	93	ND	ND	0.023	ND	ND	ND	ND	ND	0.007	ND	0.004	ND	ND	ND	ND	ND	0.409
	12/13/23	7.1	56	19.9	0.0	36	ND	1.2	10.2	1.34	13.8	ND	3.1	7.40	54.2	77	ND	ND	0.023	ND	ND	ND	ND	ND	0.007	ND	0.004	ND	ND	ND	ND	ND	0.432
	06/19/24	7.2	126	20.8	8.3	80	ND	2.5	10.7	1.47	13.9	ND	3.0	7.30	62.4	107	ND	ND	0.024	ND	ND	ND	ND	ND	0.010	ND	0.003	ND	ND	ND	ND	0.002	0.531
PAT-1	03/01/16	NA	NA	NA	NA	NA	ND	0.12	18.7	1.58	9.97	ND	3.2	7.52	67.0	NA	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.011
	06/15/16	8.7	154	17.3	0.0	100	ND	0.24	20.9	1.65	9.98	1.1	2.9	7.42	NA	NA	ND	ND	0.006	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.005
	09/15/16	7.7	140	20.3	0.0	91	ND	ND	19.2	1.58	9.25	ND	3.3	7.52	76.0	150	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.015
	03/27/18	6.1	162	10.2	3.8	105	ND	1.80	19.5	1.59	9.70	ND	3.8	7.77	68.0	70	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	0.001	0.030
	06/12/18	7.4	156	17.4	0.0	101	ND	ND	20.8	1.65	9.76	ND	3.3	7.83	68.0	90	ND	0.001	0.008	ND	ND	ND	ND	0.002	ND	ND	0.002	ND	0.001	ND	ND	0.001	0.018
	08/14/18	7.9	161	21.7	5.2	104	ND	ND	19.3	1.65	9.30	ND	3.7	7.48	68.0	85	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	0.001	0.023
	11/13/18	7.0	164	9.9	0.0	107	ND	0.07	18.8	1.59	9.24	ND	3.6	7.50	63.0	95	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.015
	02/12/19	6.4	150	4.1	0.0	97	ND	0.60	19.5	1.58	9.21	ND	3.4	8.01	66.0	80	0.007	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	0.001	0.007
	05/21/19	6.8	152	15.6	1.9	99	1.0	0.18	19.7	1.63	7.48	ND	3.3	7.81	70.0	95	ND	0.001	0.007	ND	ND	ND	ND	0.003	ND	ND	0.002	ND	ND	ND	ND	0.001	0.021
	08/13/19	7.0	153	23.5	14.2	99	1.0	0.07	18.2	1.49	9.67	ND	3.5	8.10	70.3	100	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	0.001	0.008
	11/13/19	6.5	156	13.2	0.0	101	ND	0.28	20.7	1.67	10.1	1.0	3.4	8.00	94.5	110	ND	0.001	0.007	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	0.013
	02/18/20	NA	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/19/20	6.5	140	17.6	0.0	91	ND	ND	17.0	1.43	8.14	ND	50	8.10	68.9	133	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	0.001	0.006
	08/12/20	7.0	151	25.0	0.0	98	ND	0.49	18.1	1.46	9.64	ND	3.4	8.00	68.8	100	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	0.008
	12/08/20	7.4	155	17.9	0.0	95	ND	1.15	18.4	1.47	9.69	ND	3.1	8.00	67.9	120	0.001	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.002	0.002	ND	ND	ND	0.001	0.006
	02/16/21	6.9	144	10.7	0.0	93	ND	0.44	17.9	1.46	8.56	1.1	3.6	8.10	67.0	52.5	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	0.001	0.014
	06/15/21	7.0	136	20.6	0.0	89	ND	ND	16.7	1.41	8.93	1.1	3.2	8.10	71.8	75	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	12/06/21	7.7	139	11.5	0.0	90	ND	0.25	18.6	1.57	9.16	ND	3.3	8.00	71.6	82.5	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.001	0.019
	06/14/22	7.0	150	23.3	0.0	98	ND	ND	19.1	1.54	8.99	ND	3.2	8.10	64.4	96	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	0.001	ND
	12/13/22	NA	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/05/23	7.7	145	24.3	0.0	94	ND	ND	19.8	1.56	9.06	ND	3.5	7.90	66.3	106	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/12/23	7.4	148	9.5	0.0	96	ND	0.35	20.6	1.65	9.50	ND	3.9	8.00	70.5	119	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
(QCMW)	06/18/24	–	–	–	–	–	ND	0.05	19.3	1.57	9.65	ND	3.7	7.90	69.6	127	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	06/18/24	7.9	158	26.0	0.0	102	ND	0.15	18.9	1.55	9.41	ND	3.8	7.80	69.2	121	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
Detection Limit	–	–	–	–	–	–	–	1.0	0.05	0.1	0.1 (4)	0.5	1.0	1.0	0.01	1.0	1.0	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0002	0.001	0.001	0.001	0.001	0.001	0.001	0.005
Drinking Water MCL	–	–	–	–	–	–	500	–	–	–	–	–	250	–	–	–	500	0.006	0.010	1.0	0.004	0.005	0.05	–	*1.3*	*0.015*	0.002	–	0.1	0.05	–	0.002	–	–

Notes: Metals are Total Metals by EPA Method 200.8 (Title 22 Priority Pollutants)

1) ND indicates not-detected at or above the listed laboratory detection limit. NS indicates not sampled. NA indicates not analyzed. "–" indicated not applicable.

2) Constituents in bold (Na, Cl, CaCO3, TDS, As, Ba) are proposed for water quality triggers in selected wells per GMMRP. See Table 5 for additional water quality trigger data.

3) Cells shaded in light gray represent water quality samples collected during the baseline data period.

4) The detection limit for Magnesium was raised to 0.5 mg/L during the February 2019 sampling event and all subsequent sampling events.

TABLE 4

SUMMARY OF GROUNDWATER ELEVATION AND TRIGGER LEVELS

Cabin Bar Ranch GMMRP Monitoring Points

June 2024

Monitoring Area	Monitoring Point	Baseline GWE[1] (feet amsl)	Recent Date of Measurement	Recent GWE (feet amsl)	Change from Baseline[2] (feet)	Drawdown Trigger Level[3] (feet)	Trigger Level Exceeded? YES/NO
Northern	P-10	3614.03	06/18/24	3620.80	6.77	-6.0	NO
	OW-10u	3616.86	06/18/24	3623.61	6.75	-6.0	NO
Southern	OW-10m	3617.66	06/18/24	3624.95	7.29	-6.0	NO
	OW-7u	3611.87	06/18/24	3615.53	3.66	-10.0	NO
Eastern	OW-7m	3620.70	06/18/24	> 3626.30 [5]	> 5.60 [5]	-10.0	NO
	OW-9u	3607.03	06/18/24	3615.10	8.07	-7.0	NO
Vegetation	P-15	N/A	06/18/24	3603.66	DTW = 2.20 [4]	DTW > 5.4 [4]	NO
	P-15A	N/A	06/18/24	3604.25	DTW = 3.81	Not Yet Established	--

1) GWE: Groundwater elevation measured in feet above mean sea level. Baseline GWEs set July 6, 2017 and approved by Inyo County Water Department (ICWD)

2) Recent GWE measurement compared to Baseline GWE. Positive numbers indicate an increase in GWE from baseline, and negative numbers indicate drawdown.

3) "Trigger Level" from Table 1 of Geosyntec GMMRP and updated in April 6, 2017 letter. Negative values indicate drawdown from baseline GWEs.

4) Trigger for P-15 is Depth-to-Water greater than 5.4 feet below top of casing in any continuous 12-month period. Duration of exceedance is indicated in parent

5) Well OW-7m was artesian during the monitoring event with a water level above the top of casing. The GWE listed is the surveyed top of casing.

TABLE 5

SUMMARY OF WATER QUALITY DATA AND TRIGGER LEVELS

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Date Collected	Sodium (Na)	Sodium Trigger Level (4)	Chloride (Cl)	Chloride Trigger Level	Bicarbonate ($CaCO_3$)	Bicarbonate Trigger Level	Total Dissolved Solids (TDS)	Total Dissolved Solids Trigger Level	Arsenic (As)	Arsenic Trigger Level (5)	Barium (Ba)	Barium Trigger Level	Trigger Levels Exceeded?	Constituents in Exceedance of Trigger Levels (Na/Cl/$CaCO_3$/TDS/As/Ba)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Yes/No	
Cartago Supply CMW-2	06/12/18	13.5		1.3		89.0		115		0.0032		0.007		No	-
	08/14/18	12.6		1.1		78.0		110		0.0021		0.007		No	-
	11/13/18	12.2		1.1		82.0		130		0.0023		0.007		No	-
	02/12/19	12.6		1.2		83.0		125		0.0019		0.007		No	-
	05/21/19	10.9		1.1		91.0		115		0.0019		0.007		No	-
	08/13/19	12.9		1.1		88.3		85		0.0023		0.007		No	-
	11/13/19	13.9		1.3		103.0		145		0.0019		0.007		No	-
	02/18/20	12.8		ND		97.1		138		0.0021		0.007		No	-
	05/19/20	12.8		1.2		87.9		188		0.0021		0.007		No	-
	08/12/20	12.9	34.0	1.2	27.7	85.8	179	155	321	0.0023	0.0075	0.006	0.75	No	-
	12/08/20	13.1		1.1		82.9		ND		0.0023		0.006		No	-
	02/16/21	11.8		1.4		84.5		115		0.0020		0.007		No	-
	06/15/21	12.5		1.1		86.8		108		0.0021		0.006		No	-
	12/06/21	12.3		1.1		88.8		115		0.0024		0.006		No	-
	06/14/22	12.0		1.0		81.2		129		0.0022		0.006		No	-
	12/13/22	12.3		1.3		83.6		152		0.0021		0.007		No	-
	06/05/23	11.8		1.1		81.3		144		0.0023		0.006		No	-
	12/12/23	11.9		1.1		83.4		118		0.0022		0.007		No	-
	06/18/24	12.6		1.1		83.5		147		0.0022		0.007		No	-
OW-7u	06/12/18	20.2		2.2		77.0		125		0.0167		0.008		No	-
	08/14/18	21.0		1.8		68.0		115		0.0143		0.008		No	-
	11/13/18	17.4		1.8		67.0		135		0.0160		0.009		No	-
	02/12/19	16.9		2.1		65.0		95		0.0224		0.008		No	-
	05/21/19	14.9		1.8		73.0		120		0.0244		0.009		No	-
	08/13/19	19.2		2.2		68.4		105		0.0261		0.007		No	-
	11/13/19	20.5		2.0		79.7		105		0.0271		0.007		No	-
	02/18/20	17.7		1.5		76.3		155		0.0266		0.007		No	-
	05/19/20	15.8		1.7		68.5		175		0.0262		0.007		No	-
	08/18/20	18.8	34.0	1.7	27.7	69.1	179	170	321	0.0258	NA	0.007	0.75	No	-
	12/09/20	18.6		1.7		66.8		133		0.0246		0.007		No	-
	02/16/21	16.1		2.0		67.0		115		0.0232		0.007		No	-
	06/15/21	18.3		1.6		68.8		110		0.0240		0.007		No	-
	12/07/21	16.5		1.7		70.8		113		0.0239		0.007		No	-
	06/15/22	16.5		1.7		68.1		128		0.0225		0.008		No	-
	12/14/22	16.0		1.8		72.0		129		0.0192		0.007		No	-
	06/06/23	16.2		1.6		67.3		167		0.0200		0.008		No	-
	12/13/23	18.3		1.5		69.2		131		0.0191		0.007		No	-
	06/19/24	17.5		1.4		89.6		129		0.0206		0.006		No	-

TABLE 5

SUMMARY OF WATER QUALITY DATA AND TRIGGER LEVELS

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Date Collected	Sodium (Na) mg/L	Sodium Trigger Level (4) mg/L	Chloride (Cl) mg/L	Chloride Trigger Level mg/L	Bicarbonate (CaCO3) mg/L	Bicarbonate Trigger Level mg/L	Total Dissolved Solids (TDS) mg/L	Total Dissolved Solids Trigger Level mg/L	Arsenic (As) mg/L	Arsenic Trigger Level (5) mg/L	Barium (Ba) mg/L	Barium Trigger Level mg/L	Trigger Levels Exceeded? Yes/No	Constituents in Exceedance of Trigger Levels (Na/Cl/CaCO3/TDS/As/Ba)
OW-8us	06/12/18	17.1		3.9		75.0		115		0.0069		0.002		No	-
	08/14/18	16.7		4.5		66.0		105		0.0056		0.002		No	-
	11/13/18	16.4		3.8		67.0		120		0.0050		0.002		No	-
	02/12/19	15.7		4.1		68.0		120		0.0049		0.002		No	-
	05/21/19	13.8		3.8		75.0		110		0.0053		0.002		No	-
	08/13/19	17.3		4.2		73.6		130		0.0052		0.002		No	-
	11/13/19	19.1		4.0		85.6		110		0.0051		0.002		No	-
	02/18/20	16.0		3.6		78.0		160		0.0047		0.002		No	-
	05/19/20	14.9		3.9		74.5		170		0.0048		0.002		No	-
	08/12/20	17.5	34.0	4.0	27.7	74.7	179	155	321	0.0046	0.0075	0.002	0.75	No	-
	12/08/20	18.0		3.7		72.6		133		0.0045		0.002		No	-
	02/16/21	15.6		4.1		70.5		125		0.0045		0.002		No	-
	06/15/21	17.7		3.7		72.6		145		0.0042		0.002		No	-
	12/06/21	16.8		3.7		76.0		153		0.0049		0.002		No	-
	06/14/22	16.3		4.0		70.0		149		0.0048		0.002		No	-
	12/13/22	16.6		4.0		72.6		160		0.0044		0.002		No	-
	06/05/23	16.0		3.9		69.1		167		0.0047		0.002		No	-
	12/12/23	16.8		3.7		74.3		150		0.0039		0.002		No	-
	06/18/24	16.8		3.9		72.8		150		0.0047		0.002		No	-
OW-9u	06/12/18	18.4		3.2		76.0		120		ND		0.021		No	-
	08/14/18	17.8		3.7		62.0		115		ND		0.002		No	-
	11/13/18	18.1		3.2		68.0		125		ND		0.002		No	-
	02/12/19	17.2		3.4		64.0		140		ND		0.002		No	-
	05/21/19	15.8		3.5		73.0		125		ND		0.002		No	-
	08/13/19	18.9		3.6		75.3		105		ND		0.002		No	-
	11/13/19	19.7		3.8		83.3		143		ND		0.002		No	-
	02/18/20	17.1		3.0		74.9		150		ND		0.002		No	-
	05/19/20	16.0		3.2		74.3		183		ND		0.002		No	-
	08/12/20	18.2	34.0	3.3	27.7	74.1	179	140	321	ND	0.0075	0.002	0.75	No	-
	12/08/20	19.0		3.1		69.4		135		ND		0.001		No	-
	02/16/21	16.6		3.4		68.7		133		ND		0.002		No	-
	06/15/21	19.2		3.0		71.0		105		ND		0.002		No	-
	12/06/21	17.7		3.0		76.8		130		ND		0.001		No	-
	06/14/22	17.4		3.7		68.8		114		ND		ND		No	-
	12/13/22	17.5		3.5		75.8		142		ND		0.001		No	-
	06/05/23	16.5		3.3		69.5		189		ND		0.002		No	-
	12/12/23	17.4		3.3		71.7		157		ND		0.002		No	-
	06/18/24	17.3		3.2		74.4		164		ND		0.001		No	-

TABLE 5

SUMMARY OF WATER QUALITY DATA AND TRIGGER LEVELS

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Date Collected	Sodium (Na)	Sodium Trigger Level (4)	Chloride (Cl)	Chloride Trigger Level	Bicarbonate ($CaCO_3$)	Bicarbonate Trigger Level	Total Dissolved Solids (TDS)	Total Dissolved Solids Trigger Level	Arsenic (As)	Arsenic Trigger Level (5)	Barium (Ba)	Barium Trigger Level	Trigger Levels Exceeded?	Constituents in Exceedance of Trigger Levels (Na/Cl/$CaCO_3$/TDS/As/Ba)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Yes/No	
OW-10u	06/12/18	13.8		ND		68.0		95		0.0040		0.021		No	-
	08/14/18	13.0		ND		62.0		90		0.0035		0.021		No	-
	11/13/18	12.6		ND		63.0		100		0.0037		0.022		No	-
	02/12/19	12.1		ND		63.0		85		0.0034		0.020		No	-
	05/21/19	10.6		ND		70.0		90		0.0036		0.022		No	-
	08/13/19	13.5		1.0		67.4		145		0.0030		0.019		No	-
	11/13/19	13.6		1.2		75.8		97.5		0.0027		0.019		No	-
	02/18/20	12.1		ND		72.0		115		0.0070		0.028		No	-
	05/19/20	11.2		ND		66.9		138		0.0031		0.021		No	-
	08/18/20	13.4	34.0	ND	27.7	65.4	179	113	321	0.0031	0.0075	0.019	0.75	No	-
	12/09/20	13.5		1.1		64.4		85		0.0023		0.020		No	-
	02/16/21	11.6		1.2		63.5		65		0.0025		0.021		No	-
	06/15/21	13.7		ND		65.6		118		0.0027		0.021		No	-
	12/07/21	12.9		ND		67.0		85		0.0025		0.022		No	-
	06/15/22	12.7		ND		62.5		94		0.0028		0.021		No	-
	12/14/22	12.6		1.1		66.5		123		0.0029		0.024		No	-
	06/06/23	12.3		ND		64.7		141		0.0031		0.023		No	-
	12/13/23	13.8		1.1		66.7		104		0.0030		0.023		No	-
	06/19/24	13.0		1.0		65.3		123		0.0028		0.023		No	-
OW-10m	06/12/18	37.7		1.8		108.0		135		ND		0.003		No	-
	08/14/18	34.3		2.0		86.0		130		ND		0.003		No	-
	11/13/18	34.9		1.7		98.0		145		ND		0.003		No	-
	02/12/19	33.1		1.9		91.0		145		ND		0.003		No	-
	05/21/19	30.3		1.8		110.0		135		ND		0.003		No	-
	08/13/19	35.2		2.0		97.3		80		ND		0.003		No	-
	11/13/19	37.4		1.9		115.0		113		ND		0.003		No	-
	02/18/20	32.7		1.5		106.0		185		ND		0.002		No	-
	05/19/20	30.1		1.7		100.0		280		ND		0.003		No	-
	08/18/20	29.6	40.5	1.6	27.7	101.0	179	210	321	ND	0.0075	0.004	0.75	No	-
	12/09/20	35.7		1.7		109.0		133		ND		0.002		No	-
	02/16/21	32.5		2.0		97.1		138		ND		0.003		No	-
	06/15/21	35.8		1.6		98.7		155		ND		0.003		No	-
	12/07/21	35.5		1.6		107.0		120		ND		0.002		No	-
	06/15/22	32.9		2.0		95.5		166		ND		ND		No	-
	12/14/22	32.8		2.1		98.9		176		ND		0.003		No	-
	06/06/23	27.3		1.6		98.9		199		ND		0.005		No	-
	12/13/23	29.1		1.5		97.9		150		ND		0.005		No	-
	06/19/24	15.0		1.1		95.8		173		0.0034		0.005		No	-

TABLE 5

SUMMARY OF WATER QUALITY DATA AND TRIGGER LEVELS

Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Date Collected	Sodium (Na)	Sodium Trigger Level (4)	Chloride (Cl)	Chloride Trigger Level	Bicarbonate (CaCO3)	Bicarbonate Trigger Level	Total Dissolved Solids (TDS)	Total Dissolved Solids Trigger Level	Arsenic (As)	Arsenic Trigger Level (5)	Barium (Ba)	Barium Trigger Level	Trigger Levels Exceeded?	Constituents in Exceedance of Trigger Levels (Na/Cl/CaCO3/TDS/As/Ba)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Yes/No	
PAT-1	06/12/18	9.76		ND		68.0		90		0.0013		0.008		No	-
	08/14/18	9.30		ND		68.0		85		ND		0.007		No	-
	11/13/18	9.24		ND		63.0		95		ND		0.007		No	-
	02/12/19	9.21		ND		66.0		80		ND		0.007		No	-
	05/21/19	7.48		ND		70.0		95		0.0010		0.007		No	-
	08/13/19	9.67		ND		70.0		100		ND		0.007		No	-
	11/13/19	10.1		1.0		94.5		110		0.0010		0.007		No	-
	02/18/20	NS		NS		NS		NS		NS		NS		-	-
	05/19/20	8.14		ND		68.9		113		ND		0.007		No	-
	08/12/20	9.60	34.0	ND	27.7	68.8	179	100	321	ND	0.0075	0.007	0.75	No	-
	12/08/20	9.69		ND		67.9		120		ND		0.007		No	-
	02/16/21	8.56		1.1		67.0		52.5		ND		0.007		No	-
	06/15/21	8.93		1.1		71.8		75		ND		0.008		No	-
	12/06/21	9.16		ND		71.6		82.5		ND		0.007		No	-
	06/14/22	8.99		ND		64.4		96		ND		0.007		No	-
	12/13/22	NS		NS		NS		NS		NS		NS		NA	-
	06/05/23	9.06		ND		66.3		106		ND		0.008		No	-
	12/12/23	9.50		ND		70.5		119		ND		0.007		No	-
	06/19/24	9.41		ND		69.2		121		ND		0.008		No	-

Notes:

1) ND indicates not-detected at or above the listed laboratory detection limit (See Table 3). NS indicates not sampled. NA or "-" indicates not applicable.

2) Only the constituents listed (Na, Cl, CaCO3, TDS, As, Ba) and monitoring wells listed (CMW-2, OW-7u, OW-8us, OW-9u, OW-10u, OW-10m, PAT-1) are proposed for water quality triggers as per the GMMRP.

3) Only sample collection dates applicable to trigger levels (after the end of the baseline monitoring period/start of pumping at Cabin Bar Ranch) are included.

4) Trigger level for Sodium is 34 mg/L for CMW-2, OW-7u, OW-8us, OW-9u, OW-10u, and PAT-1. Trigger level is 40.5 mg/L for OW-10m (ICWD, 7/6/17)

5) Trigger level for Arsenic applicable to CMW-2, OW-8us, OW-9u, OW-10u, OW-10m, and PAT-1 only.

TABLE 6

PRODUCTION WELL TOTALIZER READINGS AND PROJECT PUMPING TOTALS

Cabin Bar Ranch GMMRP Monitoring Points

Date	CGR-8 Totalizer Value	CGR-9 Totalizer Value	CGR-10 Totalizer Value	Total Pumped in Period (gallons)	Total Pumped in Period (acre-feet)
3/13/2018	523,472	477,554	484,541	0	0.00
4/18/2018	1,140,345	1,413,780	1,074,325	2,142,883	6.58
5/22/2018	2,061,409	2,806,639	1,988,179	3,227,777	9.91
6/12/2018	2,466,815	3,421,720	2,383,008	1,415,316	4.34
7/17/2018	3,527,725	5,027,030	3,433,470	3,716,682	11.41
8/14/2018	4,453,727	6,430,638	4,360,637	3,256,777	9.99
9/24/2018	6,131,242	8,956,504	6,026,207	5,868,951	18.01
10/16/2018	7,184,746	10,684,484	7,214,499	3,969,776	12.18
11/13/2018	8,236,009	12,738,215	8,751,254	4,641,749	14.25
12/11/2018	9,242,438	14,727,848	10,265,388	4,510,196	13.84
1/16/2019	10,618,269	17,440,069	12,338,478	6,161,142	18.91
2/12/2019	11,868,799	19,869,156	14,147,894	5,489,033	16.85
3/14/2019	13,313,452	22,553,382	16,108,130	6,089,115	18.69
4/16/2019	14,909,440	25,570,945	18,396,092	6,901,513	21.18
5/21/2019	16,669,772	29,181,570	21,198,548	8,173,413	25.08
6/18/2019	18,044,860	31,914,282	23,302,450	6,211,702	19.06
7/16/2019	19,607,588	34,999,621	25,736,440	8,334,463	25.58
8/13/2019	21,295,258	38,278,786	28,387,933	7,618,328	23.38
9/17/2019	23,213,402	41,849,344	31,474,533	8,575,302	26.32
10/10/2019	24,402,886	44,078,559	33,375,760	5,319,926	16.33
11/13/2019	25,895,652	46,907,487	35,921,208	6,867,142	21.07
12/10/2019	27,118,333	49,326,544	38,016,920	5,737,450	17.61
1/14/2020	28,675,620	52,375,905	40,674,708	7,264,436	22.29
2/18/2020	30,232,240	55,306,671	43,445,912	7,258,590	22.28
3/18/2020	32,114,055	58,773,658	46,562,248	8,465,138	25.98
4/14/2020	33,417,538	62,861,789	50,642,628	9,471,994	29.07
5/19/2020	34,794,997	66,571,456	54,349,591	8,794,089	26.99
6/18/2020	35,176,055	69,636,454	57,420,175	6,516,640	20.00
7/14/2020	35,936,207	72,073,600	59,815,394	5,592,517	17.16
8/12/2020	36,776,060	75,378,349	63,096,969	7,426,177	22.79
9/15/2020	37,836,602	79,327,770	67,070,040	8,983,034	27.57
10/13/2020	38,857,236	82,170,369	69,953,872	6,747,065	20.71
11/16/2020	39,898,668	84,912,304	72,864,889	6,694,384	20.54
12/8/2020	40,944,721	87,877,026	75,757,142	6,903,028	21.18
1/22/2021	42,573,486	92,207,047	80,145,026	10,346,670	31.75
2/16/2021	43,461,148	94,722,503	82,722,988	5,981,080	18.36
3/18/2021	44,538,655	97,933,500	86,032,504	7,598,020	23.32
4/13/2021	45,350,411	100,630,072	88,771,312	6,247,136	19.17
5/21/2021	45,765,783	104,795,520	92,986,676	8,796,184	26.99
6/15/2021	45,968,760	107,240,610	95,472,942	5,134,333	15.76
7/14/2021	46,369,238	110,748,758	99,024,142	7,459,826	22.89
8/12/2021	47,039,467	114,273,150	102,589,210	7,759,689	23.81
9/23/2021	47,971,848	118,832,668	107,203,284	10,105,973	31.01
10/12/2021	48,436,498	121,054,940	109,451,978	4,935,616	15.15
12/6/2021	49,825,996	126,267,698	114,696,750	11,847,028	36.36
1/13/2022	50,806,313	129,867,780	118,339,832	8,223,481	25.24
2/11/2022	51,510,218	133,403,692	121,947,356	7,847,341	24.08
3/15/2022	52,151,393	136,629,568	125,197,700	7,117,395	21.84
4/5/2022	52,343,621	138,981,796	127,595,056	4,941,812	15.17
5/17/2022	53,145,871	143,471,587	132,125,729	9,822,714	30.14
6/14/2022	53,767,857	146,497,795	135,231,455	6,753,920	20.73
7/13/2022	54,382,966	149,812,166	138,604,778	7,302,803	22.41
8/8/2022	54,798,908	153,053,667	141,889,432	6,942,097	21.30
9/12/2022	55,343,688	157,196,612	146,888,968	9,687,261	29.73
10/6/2022	55,710,266	160,396,640	149,342,860	6,020,498	18.48
11/15/2022	56,333,268	163,876,557	152,877,772	7,637,831	23.44
12/13/2022	56,795,793	166,197,562	155,238,069	5,143,827	15.79
1/11/2023	57,290,089	168,651,286	157,719,896	5,429,847	16.66
2/7/2023	57,747,018	171,224,990	160,321,109	5,631,846	17.28
3/16/2023	58,379,458	174,397,412	163,534,113	7,017,866	21.54
4/11/2023	58,848,106	176,602,255	165,781,945	4,921,323	15.10
5/8/2023	59,308,006	179,300,432	168,534,542	5,910,674	18.14
6/5/2023	59,807,716	182,045,235	171,321,270	6,031,241	18.51
7/5/2023	60,341,118	184,964,522	174,281,010	6,412,429	19.68
8/2/2023	60,841,082	188,061,103	177,448,274	6,763,809	20.76
9/11/2023	61,870,780	192,004,306	181,466,465	8,991,092	27.59
10/12/2023	62,893,405	194,959,410	184,480,333	6,991,597	21.46
11/13/2023	63,965,978	197,642,539	187,221,819	6,497,188	19.94
12/12/2023	64,875,684	199,887,550	189,505,520	5,438,418	16.69
1/12/2024	65,715,291	202,393,341	192,275,933	6,115,811	18.77
2/13/2024	66,575,925	205,649,570	195,392,330	7,233,260	22.20
3/11/2024	67,768,124	207,517,529	197,351,766	5,019,594	15.40
4/9/2024	Not Available	209,977,222	199,846,734	4,954,661	15.21
5/13/2024	Not Available	212,975,883	202,890,968	6,042,895	18.54
6/18/2024	Not Available	216,131,382	206,164,970	6,429,501	19.73
Annual Period	**CGR-8 Total**	**CGR-9 Total**	**CGR-10 Total**	**Total (gallons)**	**Total (acre-feet)**
March 2018 - March 2019	12,789,980	22,075,828	15,623,589	50,489,397	154.95
March 2019 - March 2020	18,800,603	36,220,276	30,454,118	85,474,997	262.31
March 2020 - March 2021	12,424,600	39,159,842	39,470,256	91,054,698	279.44
March 2021 - March 2022	7,612,738	38,696,068	39,165,196	85,474,002	262.31
March 2022 - March 2023	6,228,065	37,767,844	38,336,413	82,332,322	252.67
March 2023 - March 2024 (as of 02/13/24)	9,388,666	33,120,117	33,817,653	76,326,436	234.24
March 2024 - March 2025 (as of 06/18/24)	Not Available	8,613,853	8,813,204	17,427,057	53.48

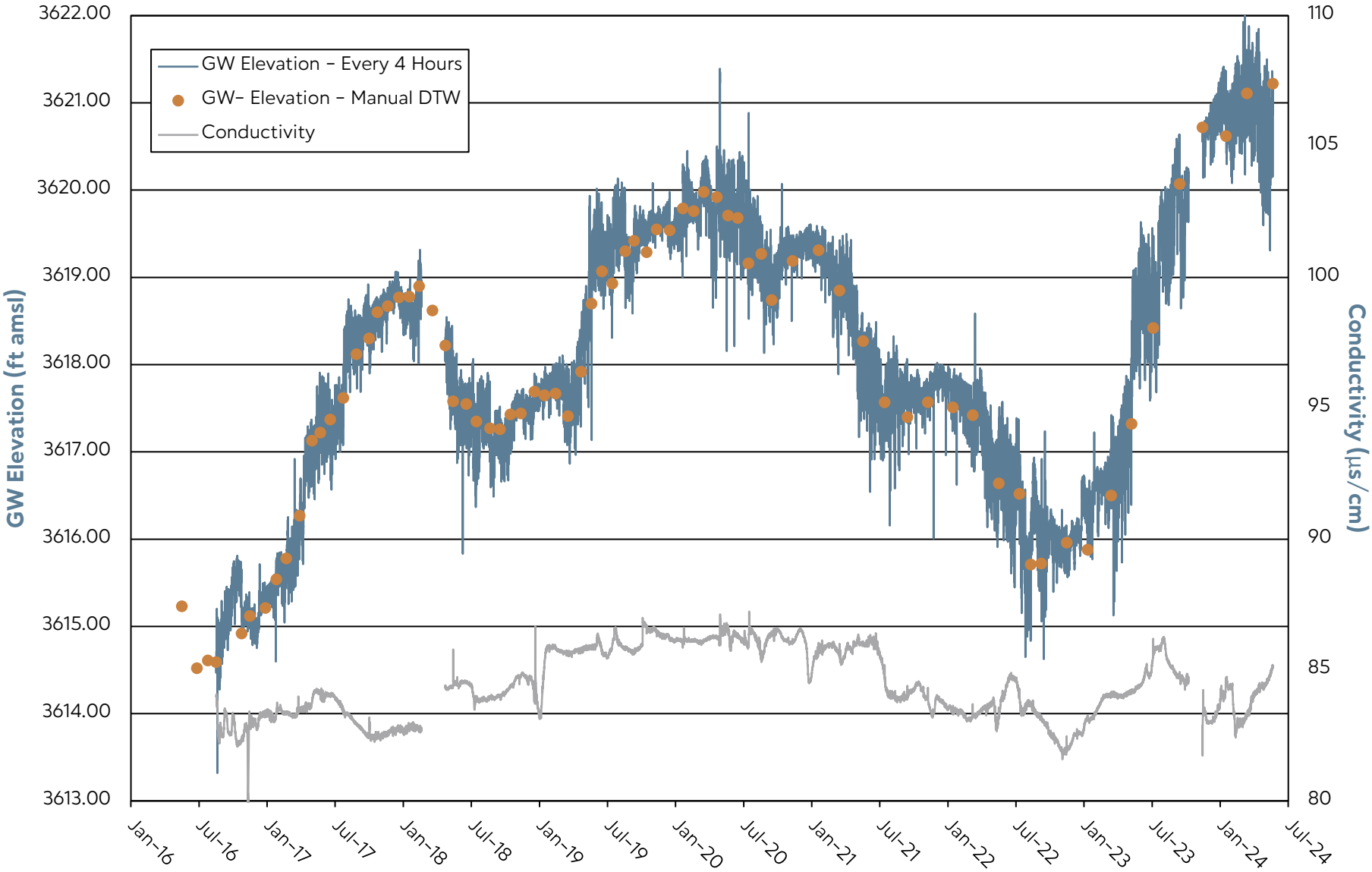
1) All units in Gallons unless otherwise specified. Final column in Acre-Feet.

2) Totals given reflect volumes pumped since project commencement on March 19, 2018 for individual production wells (CGR-8, 9, and 10) and combined project totals.

APPENDIX A

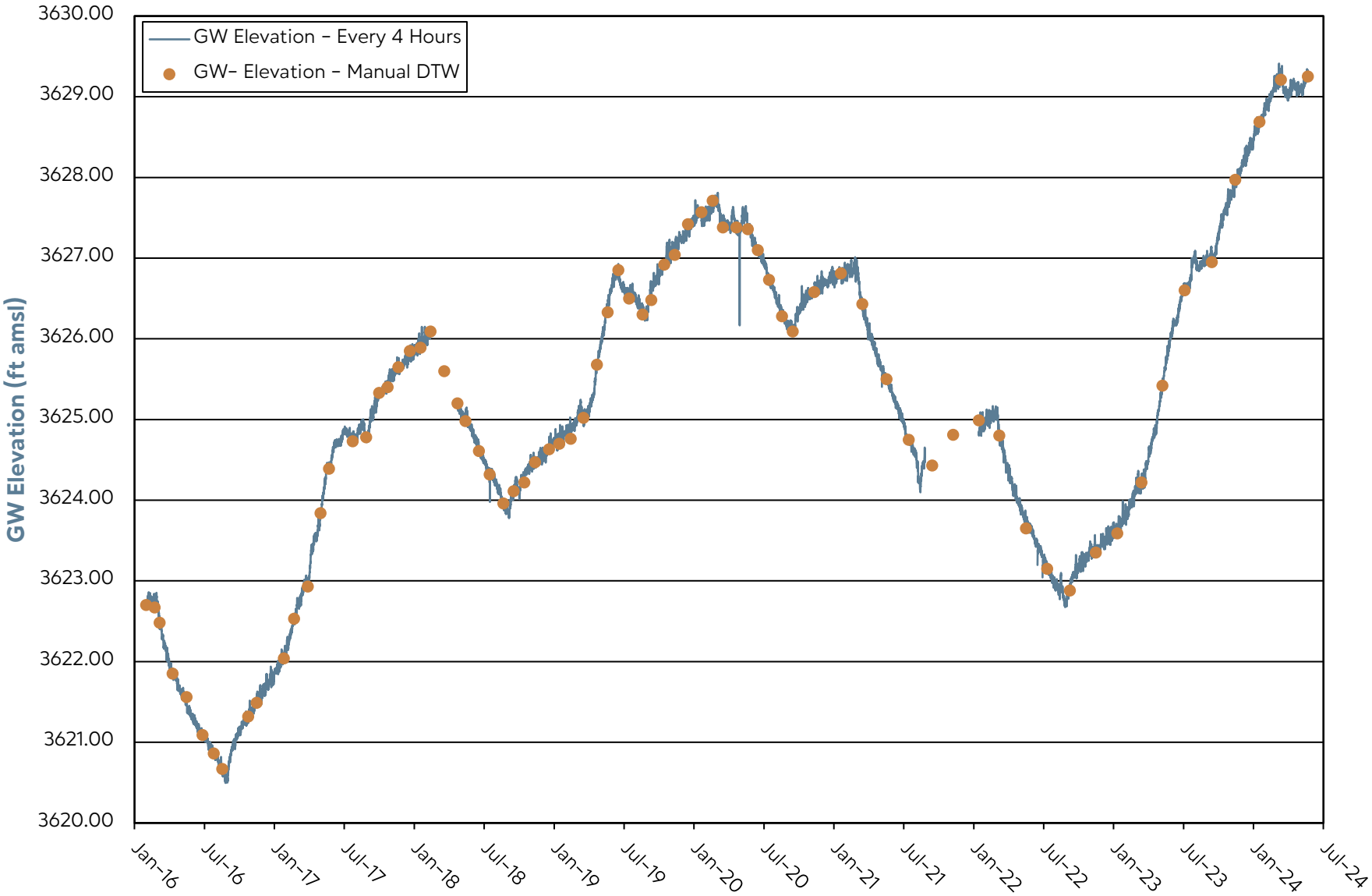
TRANSDUCER DATA
GROUNDWATER HYDROGRAPHS AND CONDUCTIVITY

GROUNDWATER ELEVATION DATA – Transducer
CMW-2 – Cabin Bar Ranch GMMRP



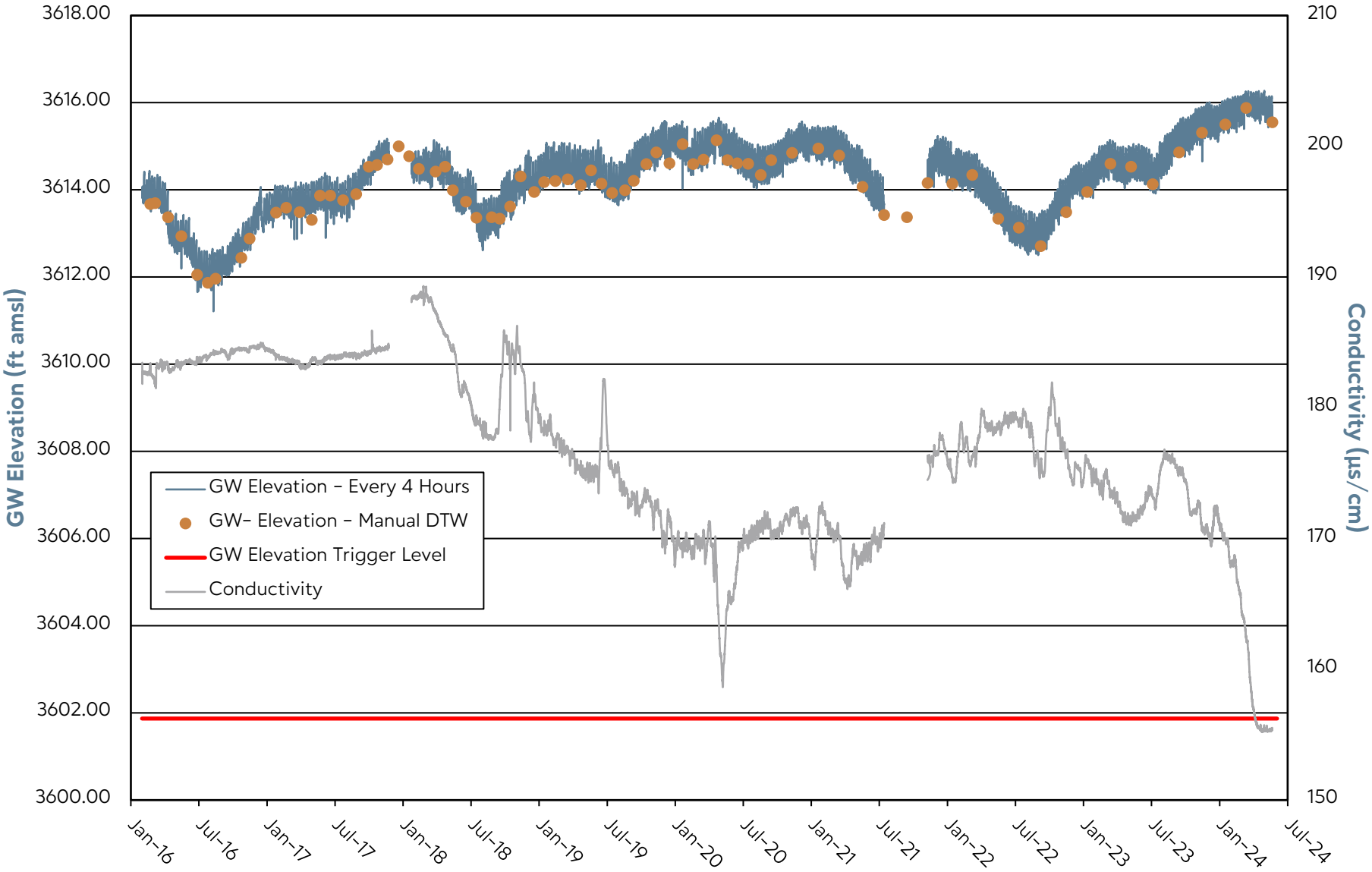
Note: Transducer data from AquaTroll 200 correlated to Manual DTW.
Data gaps are due to transducer malfunction. Conductivity data Dec 2023 to current period corrected from previous reports.

GROUNDWATER ELEVATION DATA – Transducer
MW-3 – Cabin Bar Ranch GMMRP



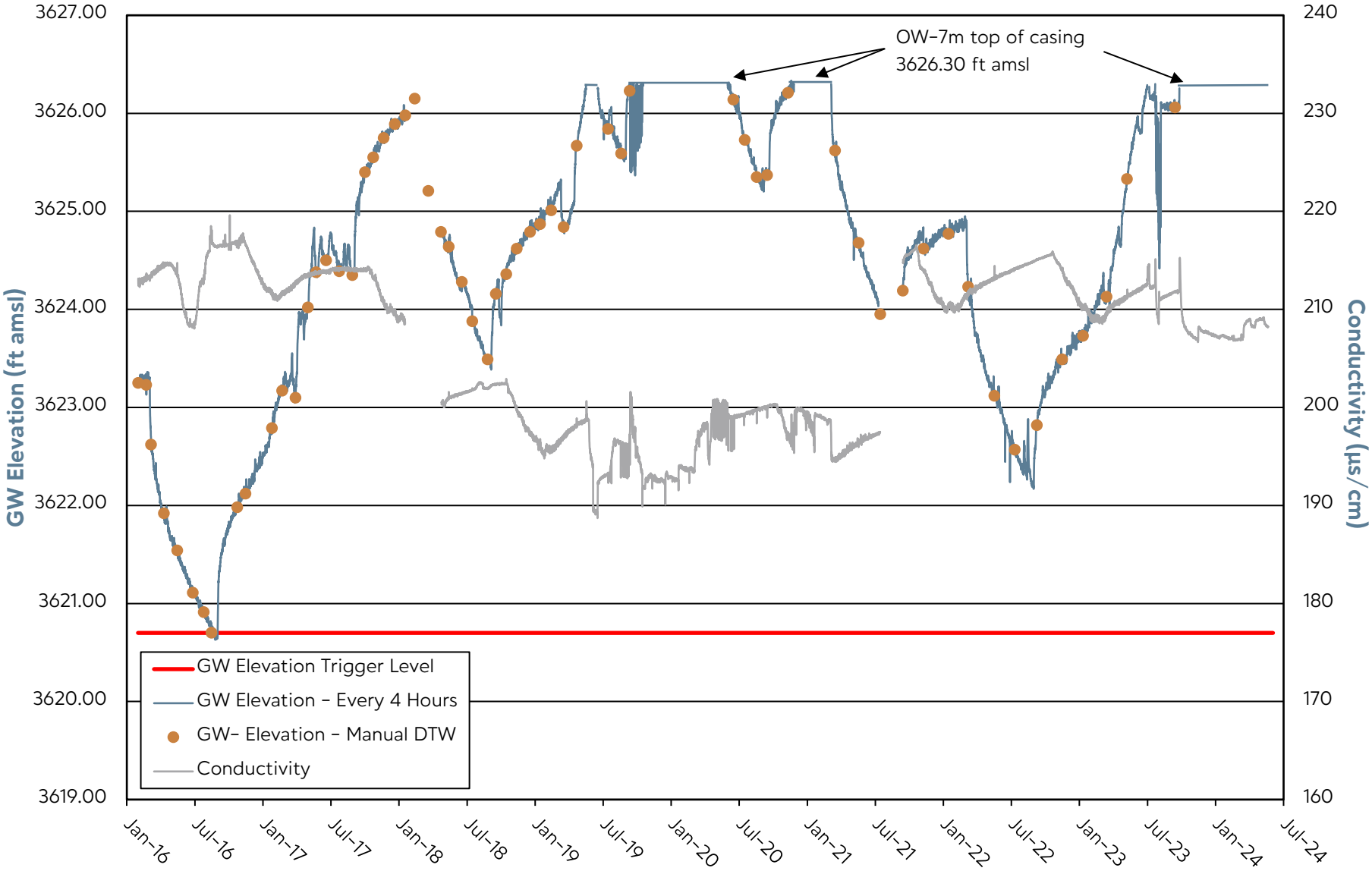
Note: Transducer data from LevelTroll 500 correlated to Manual DTW.
Data gaps due to transducer malfunction.

GROUNDWATER ELEVATION DATA – Transducer
OW-7u – Cabin Bar Ranch GMMRP



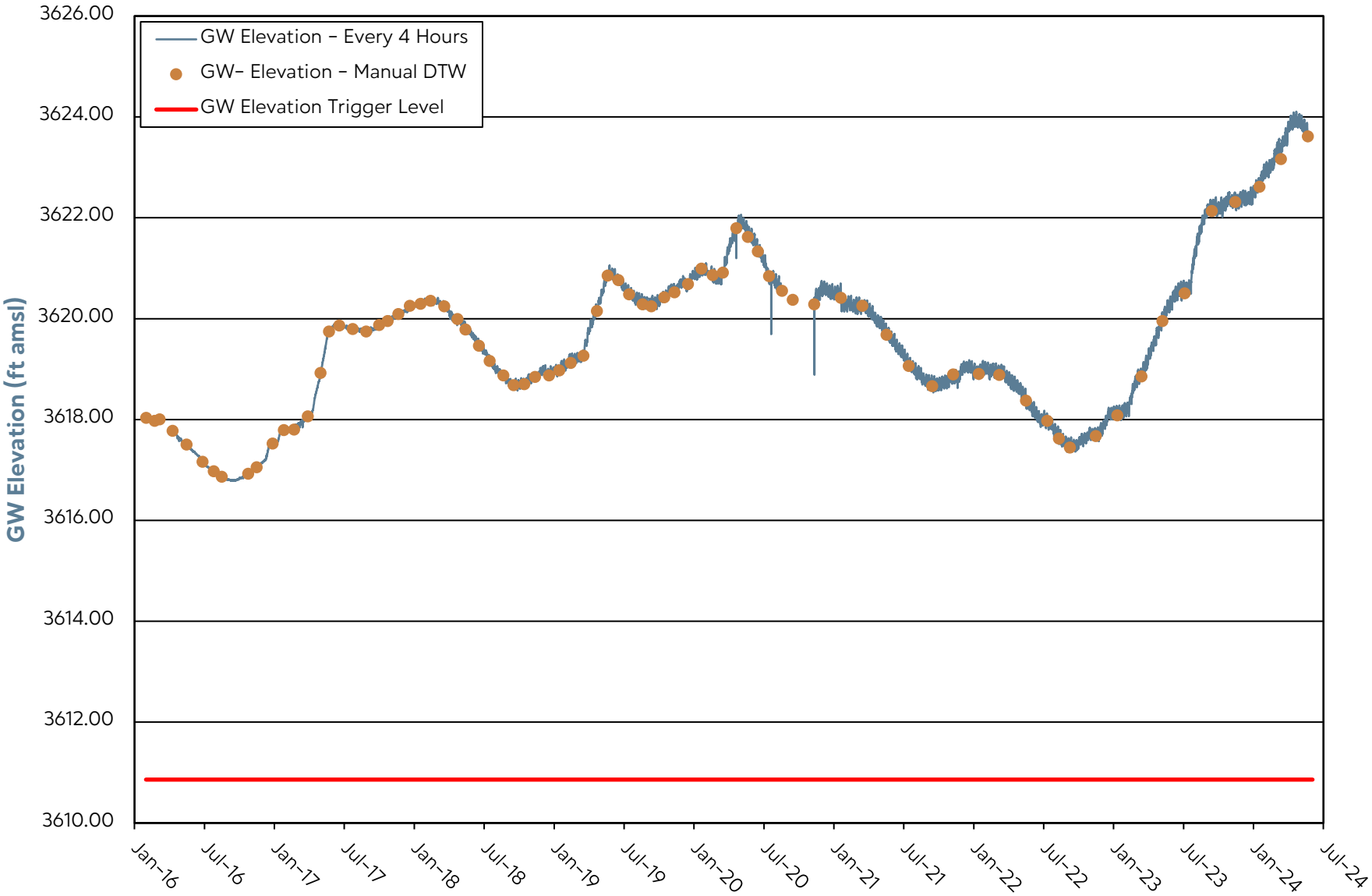
Note: Transducer data from AquaTroll 200 correlated to Manual DTW.
Data gaps due to trandsucer malfunction.

GROUNDWATER ELEVATION DATA – Transducer
OW-7m – Cabin Bar Ranch GMMRP



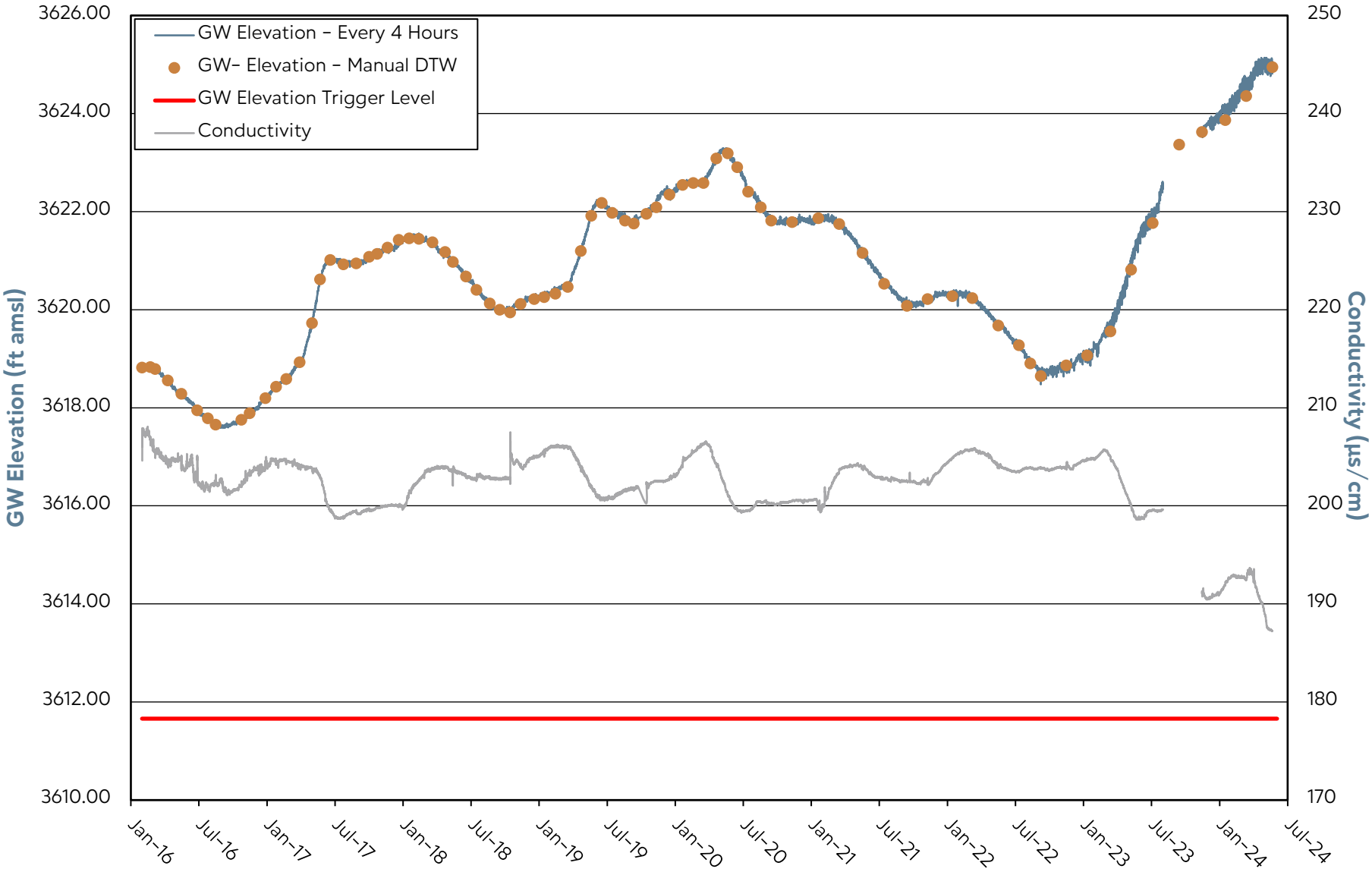
Note: Transducer data from AquaTroll 200 correlated to Manual DTW.
Data gaps are due to transducer malfunction.
Manual GWE data gaps are due to artesian conditions.

GROUNDWATER ELEVATION DATA – Transducer
OW-10u – Cabin Bar Ranch GMMRP



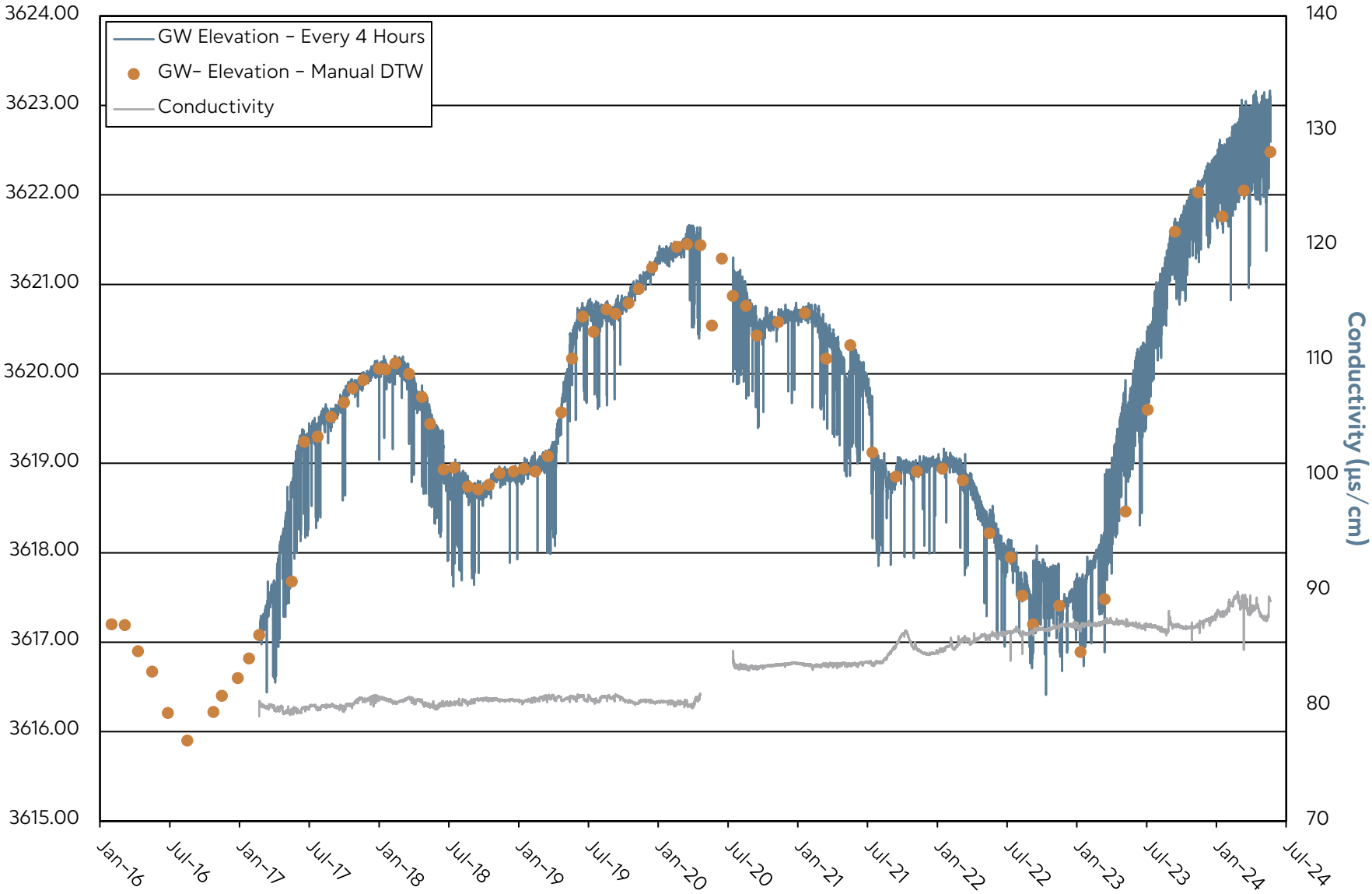
Note: Transducer data from LevelTroll 500 correlated to Manual DTW.
Data gaps are due to transducer malfunction.

GROUNDWATER ELEVATION DATA – Transducer
OW-10m – Cabin Bar Ranch GMMRP



Note: Transducer data from AquaTroll 200 correlated to Manual DTW.
Data gaps are due to transducer malfunction. Conductivity data Dec 2023 to current period corrected from previous reports.

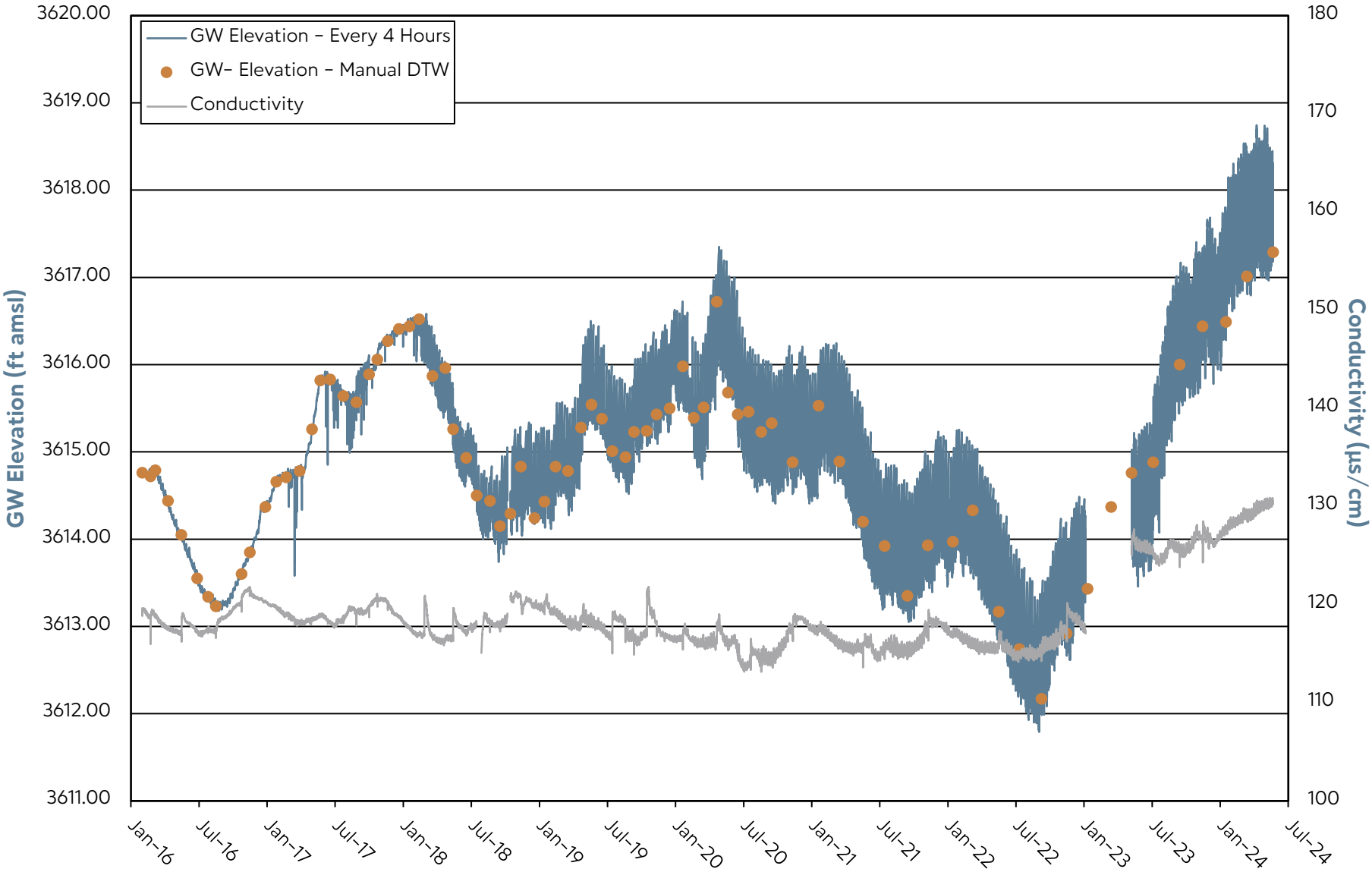
GROUNDWATER ELEVATION DATA – Transducer
PAT-1 – Cabin Bar Ranch GMMRP



Note: Transducer data from AquaTroll 200 correlated to Manual DTW.

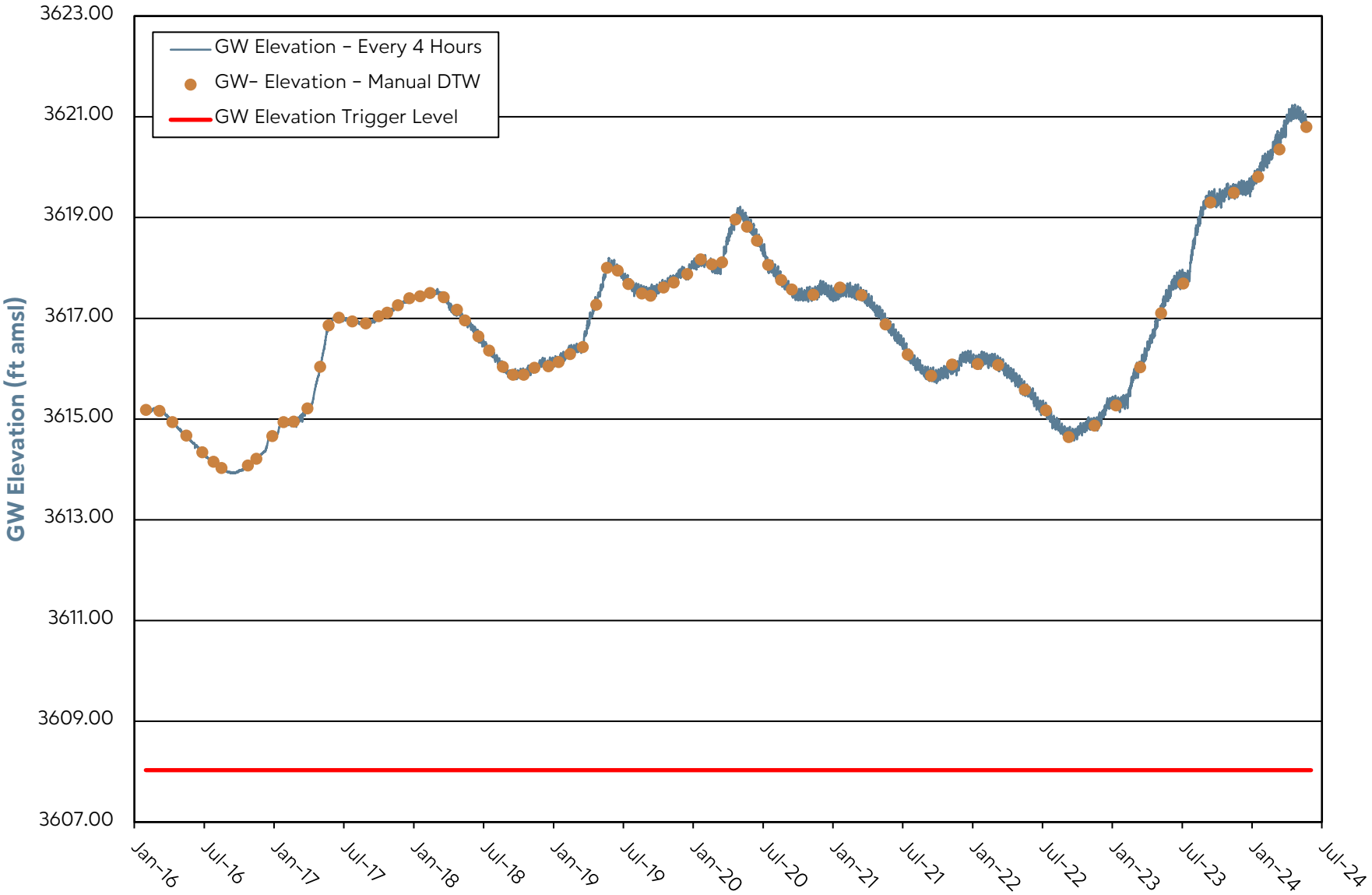
Data gaps are due to transducer malfunction. Conductivity data Aug 2020 to current period corrected from previous reports.

GROUNDWATER ELEVATION DATA – Transducer
P-5 – Cabin Bar Ranch GMMRP



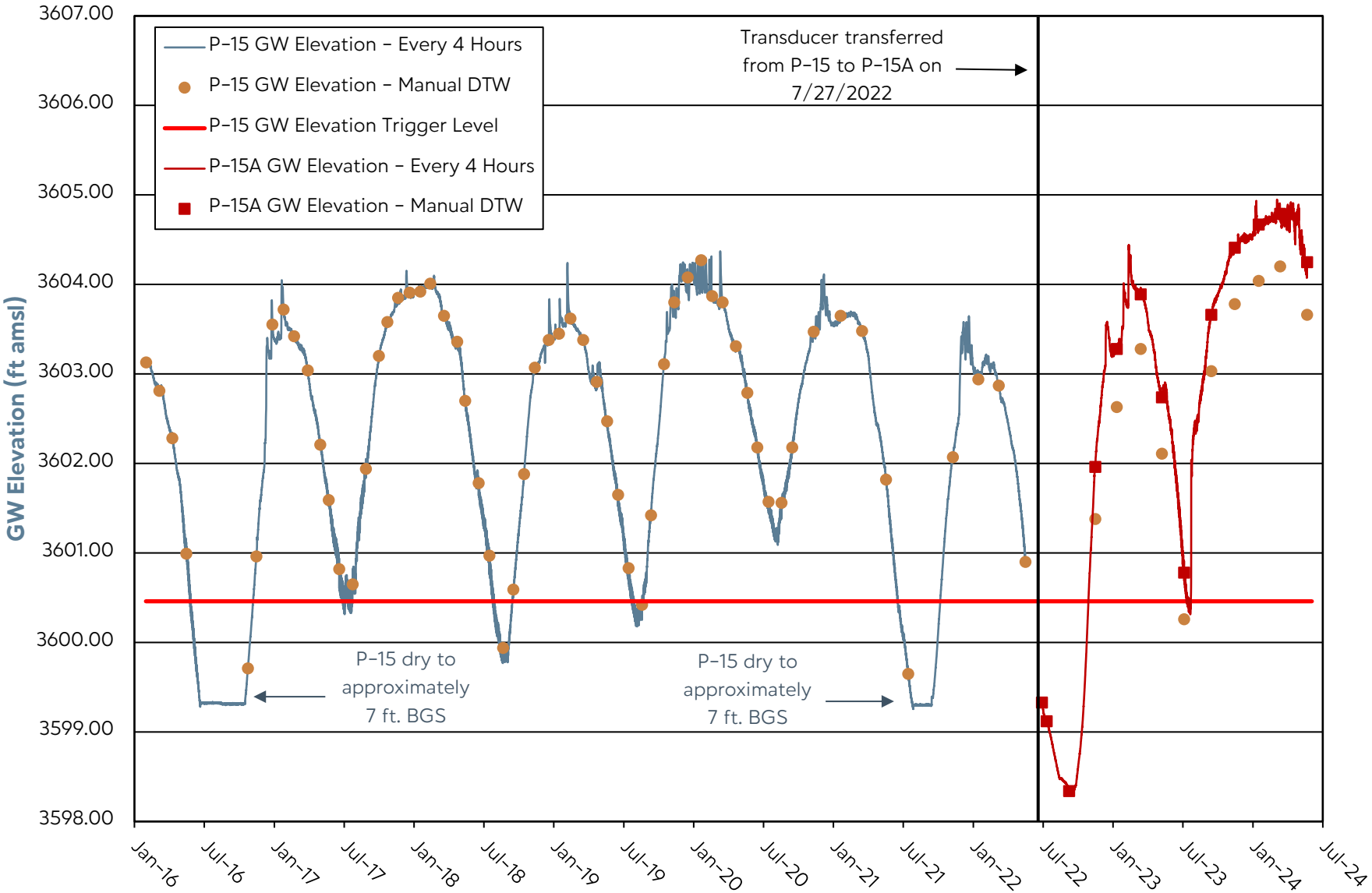
Note: Transducer data from AquaTroll 200 correlated to Manual DTW.
Data gaps are due to transducer malfunction. Conductivity data June 2023 to current period corrected from previous reports.

GROUNDWATER ELEVATION DATA – Transducer
P-10 – Cabin Bar Ranch GMMRP



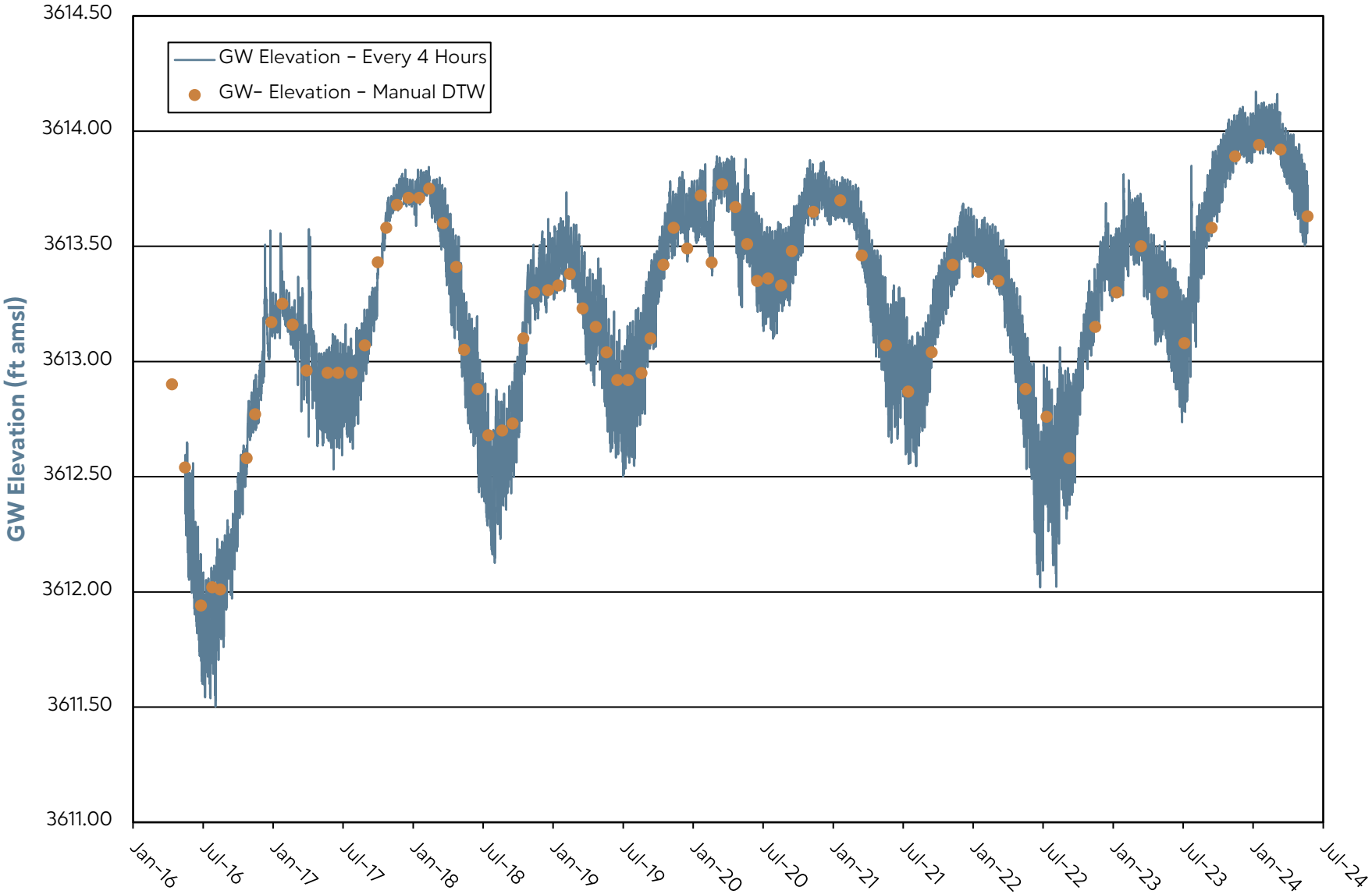
Note: Transducer data from LevelTroll 500 correlated to Manual DTW.

GROUNDWATER ELEVATION DATA – Transducer
P-15 & P-15A – Cabin Bar Ranch GMMRP



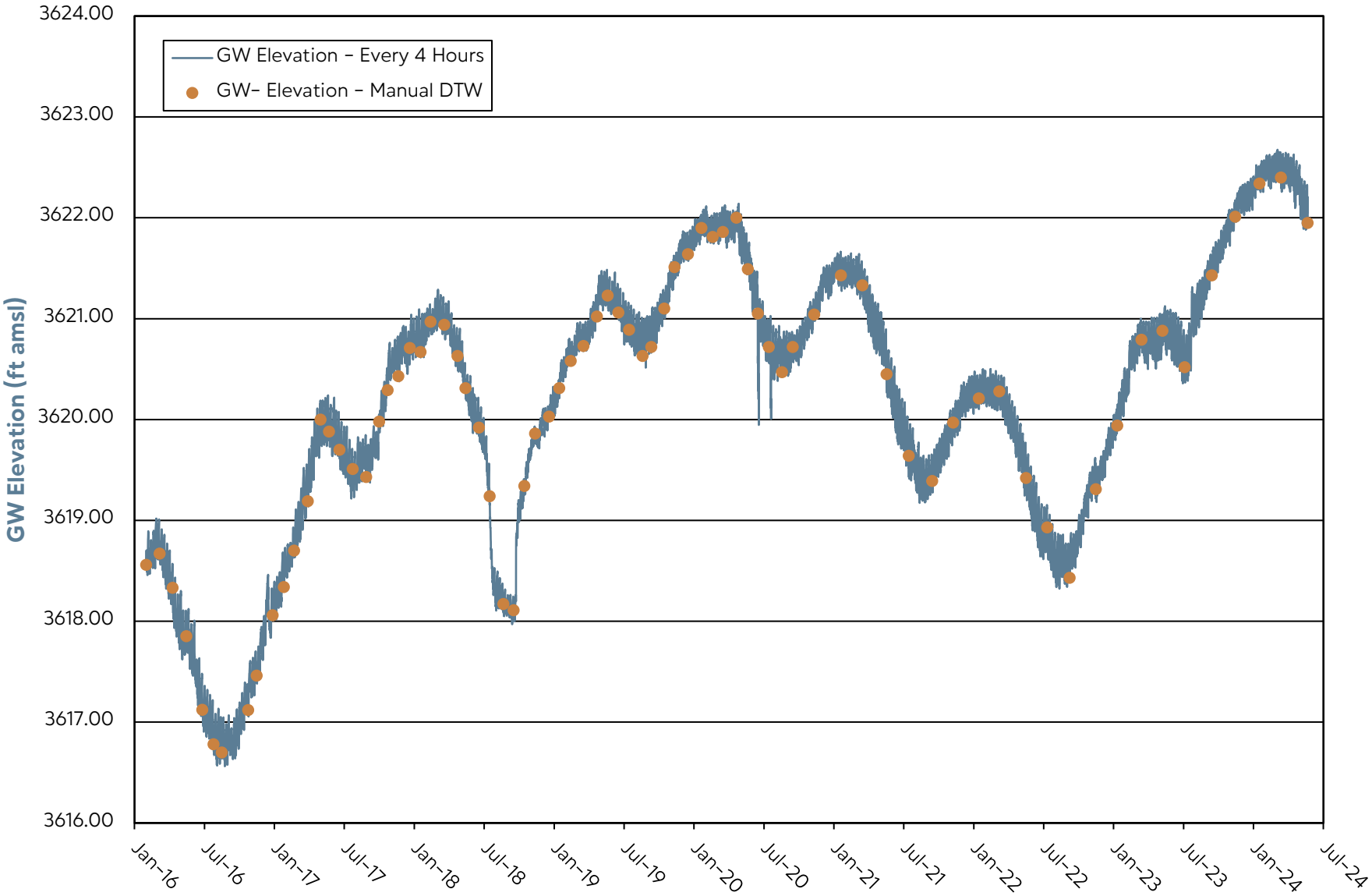
Note: Transducer data from LevelTroll 500 correlated to Manual DTW.
P-15 was dry from 07/2016 to 09/2016, on 10/2021, and from 08/2022 to 10/2022.
Trigger level indicated may not be exceeded for any continuous 12 month period.

GROUNDWATER ELEVATION DATA – Transducer
RP-1 – Cabin Bar Ranch GMMRP



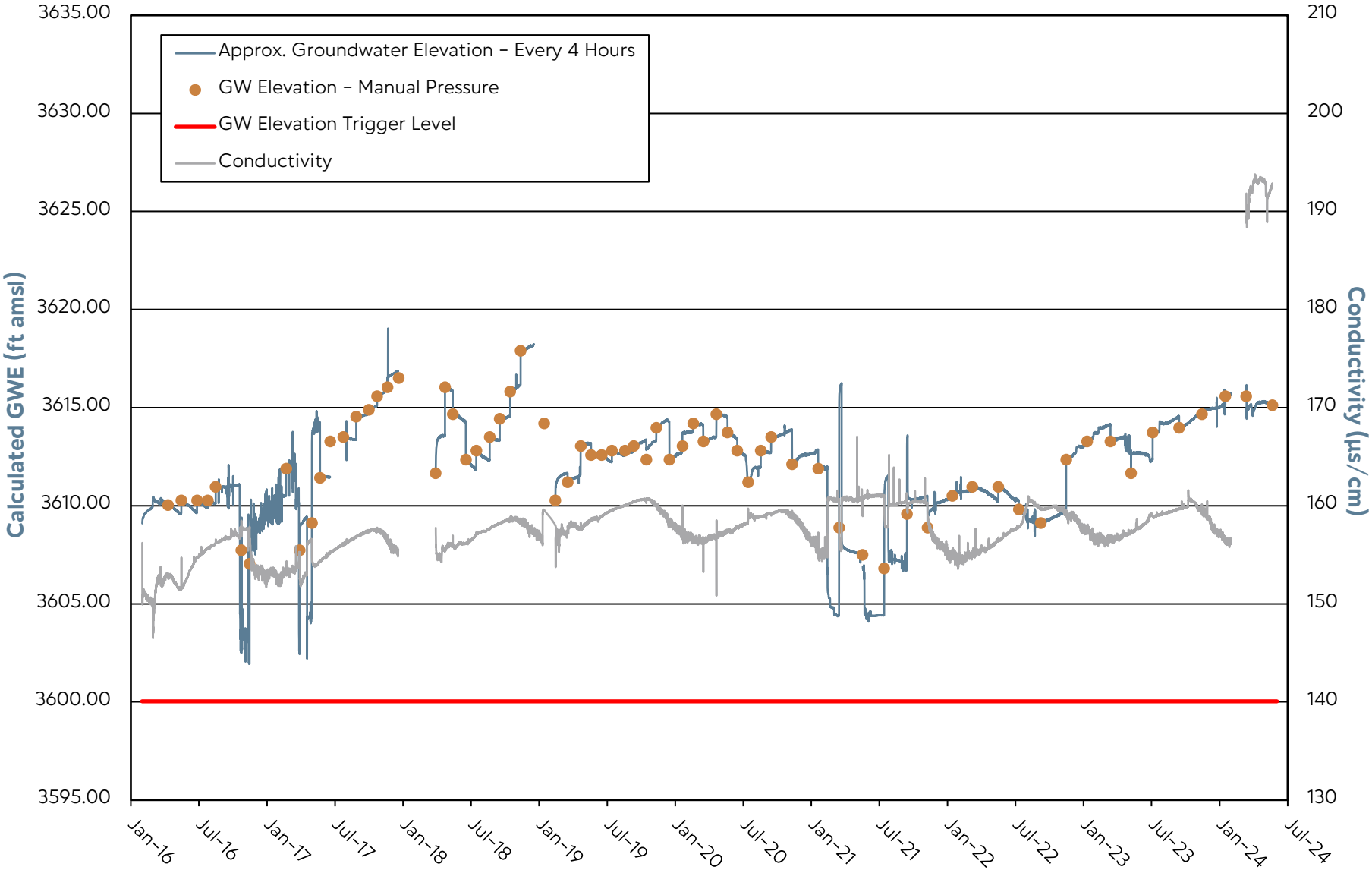
Note: Transducer data from LevelTroll 500 correlated to Manual DTW.

GROUNDWATER ELEVATION DATA – Transducer
SS-1A – Cabin Bar Ranch GMMRP



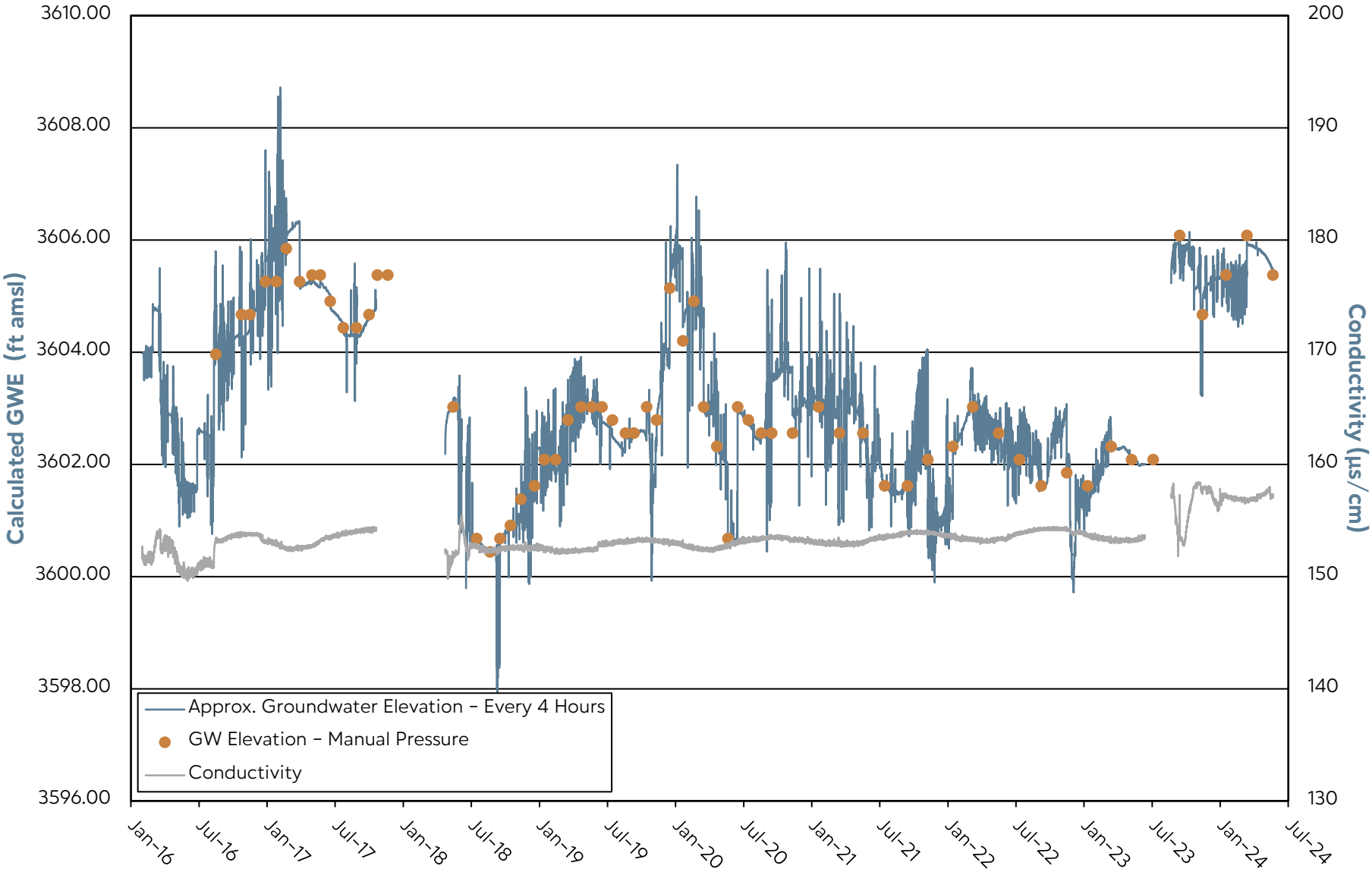
Note: Transducer data from LevelTroll 500 correlated to Manual DTW.

WELL PRESSURE – Transducer Data
OW-9u – Cabin Bar Ranch GMMRP



Note: Artesian Well. Transducer data from AquaTroll200 correlated to manual pressure and converted to GWE.
Data gaps due to transducer malfunction.

WELL PRESSURE – Transducer Data
OW-8u – Cabin Bar Ranch GMMRP



Note: Artesian Well. Transducer data from AquaTroll200 correlated to manual pressure and converted to GWE.
Data gaps due to transducer malfunction. Conductivity data Sept 2023 to current period corrected from previous reports.

APPENDIX B

LABORATORY DATA FOR SAMPLES COLLECTED JUNE 18 & 19, 2024

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Naomi Jensen
TEAM Environmental, Inc.
459 W. Line Street
Suite A,
Bishop, California 93514

Generated 6/25/2024 4:20:47 PM

JOB DESCRIPTION

CG Roxane

JOB NUMBER

570-188918-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization

Generated
6/25/2024 4:20:47 PM

Authorized for release by
Sandy Tat, Project Manager I
Sandy.Tat@et.eurofinsus.com
(714)895-5494

Table of Contents

Definitions/Glossary

Client: TEAM Environmental, Inc.
Project/Site: CG Roxane

Job ID: 570-188918-1

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	Sample was received and analyzed past holding time. This does not meet regulatory requirements.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-188918-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 6/20/2024 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.5°C.

Receipt Exceptions
The following sample was received outside of holding time turbidity: QCMW (570-188918-10).

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method SM2130B: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: CMW-2 (570-188918-9).

Method SM2130B: The following sample was received outside of holding time: QCMW (570-188918-10).

Method SM4500_H+: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: PAT-1 (570-188918-1), OW-7u (570-188918-2), OW-7m (570-188918-3), OW-8us (570-188918-4), OW-9u (570-188918-5), OW-10u (570-188918-6), OW-10m (570-188918-7), P-5 (570-188918-8), CMW-2 (570-188918-9) and QCMW (570-188918-10).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: TEAM Environmental, Inc.
Project/Site: CG Roxane

Job ID: 570-188918-1

Client Sample ID: PAT-1 — Lab Sample ID: 570-188918-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Sulfate	3.8		1.0		mg/L	1		300.0	Total/NA
Calcium	18.9		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	1.55		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	9.41		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.00773		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00248		0.00200		mg/L	1		200.8	Total Recoverable
Turbidity	0.15		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	69.2		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	69.2		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	121		10.0		mg/L	1		SM 2540C	Total/NA
pH	7.8	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	23.4	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: OW-7u — Lab Sample ID: 570-188918-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		1.0		mg/L	1		300.0	Total/NA
Sulfate	10		1.0		mg/L	1		300.0	Total/NA
Calcium	15.5		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	1.43		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	17.5		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0206		0.00100		mg/L	1		200.8	Total Recoverable
Barium	0.00645		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00615		0.00200		mg/L	1		200.8	Total Recoverable
Vanadium	0.00669		0.00200		mg/L	1		200.8	Total Recoverable
Turbidity	0.05		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	89.6		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	89.6		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	129		10.0		mg/L	1		SM 2540C	Total/NA
pH	8.0	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	23.4	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: OW-7m — Lab Sample ID: 570-188918-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	2.7		1.0		mg/L	1		300.0	Total/NA
Sulfate	25		1.0		mg/L	1		300.0	Total/NA
Calcium	20.0		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	1.61		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	20.9		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: OW-7m (Continued)

Lab Sample ID: 570-188918-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0201		0.00100		mg/L	1		200.8	Total Recoverable
Barium	0.0182		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00351		0.00200		mg/L	1		200.8	Total Recoverable
Vanadium	0.00564		0.00200		mg/L	1		200.8	Total Recoverable
Alkalinity, Total (As CaCO3)	67.2		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	67.2		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	166		10.0		mg/L	1		SM 2540C	Total/NA
pH	8.0	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	23.3	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: OW-8us

Lab Sample ID: 570-188918-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	3.9		1.0		mg/L	1		300.0	Total/NA
Sulfate	7.3		1.0		mg/L	1		300.0	Total/NA
Calcium	11.5		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	2.12		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	16.8		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00469		0.00100		mg/L	1		200.8	Total Recoverable
Barium	0.00182		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00236		0.00200		mg/L	1		200.8	Total Recoverable
Alkalinity, Total (As CaCO3)	72.8		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	72.8		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	150		10.0		mg/L	1		SM 2540C	Total/NA
pH	8.2	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	23.3	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: OW-9u

Lab Sample ID: 570-188918-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	3.2		1.0		mg/L	1		300.0	Total/NA
Sulfate	10		1.0		mg/L	1		300.0	Total/NA
Calcium	10.6		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	1.03		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	17.3		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.00148		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00481		0.00200		mg/L	1		200.8	Total Recoverable
Turbidity	0.05		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	74.4		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	74.4		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	164		10.0		mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: OW-9u (Continued)

Lab Sample ID: 570-188918-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
pH	8.3	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	23.2	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: OW-10u

Lab Sample ID: 570-188918-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	1.0		1.0		mg/L	1		300.0	Total/NA
Sulfate	5.3		1.0		mg/L	1		300.0	Total/NA
Calcium	15.4		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	2.07		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	13.0		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00280		0.00100		mg/L	1		200.8	Total Recoverable
Barium	0.0230		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00256		0.00200		mg/L	1		200.8	Total Recoverable
Turbidity	0.30		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	65.3		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	65.3		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	123		10.0		mg/L	1		SM 2540C	Total/NA
pH	7.5	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	23.2	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: OW-10m

Lab Sample ID: 570-188918-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	1.1		1.0		mg/L	1		300.0	Total/NA
Sulfate	7.2		1.0		mg/L	1		300.0	Total/NA
Calcium	23.7		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	2.50		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	15.0		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00338		0.00100		mg/L	1		200.8	Total Recoverable
Barium	0.00542		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00257		0.00200		mg/L	1		200.8	Total Recoverable
Turbidity	0.30		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	95.8		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	95.8		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	173		10.0		mg/L	1		SM 2540C	Total/NA
pH	8.1	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	23.3	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: P-5

Lab Sample ID: 570-188918-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	1.0		1.0		mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: P-5 (Continued)

Lab Sample ID: 570-188918-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Sulfate	3.0		1.0		mg/L	1		300.0	Total/NA
Calcium	10.7		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	1.47		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	13.9		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.0236		0.00100		mg/L	1		200.8	Total Recoverable
Lead	0.00976		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00344		0.00200		mg/L	1		200.8	Total Recoverable
Vanadium	0.00203		0.00200		mg/L	1		200.8	Total Recoverable
Zinc	0.531		0.0200		mg/L	1		200.8	Total Recoverable
Turbidity	2.5		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	62.4		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	62.4		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	107		10.0		mg/L	1		SM 2540C	Total/NA
pH	7.3	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	23.4	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: CMW-2

Lab Sample ID: 570-188918-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	1.1		1.0		mg/L	1		300.0	Total/NA
Sulfate	7.7		1.0		mg/L	1		300.0	Total/NA
Calcium	24.4		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	2.15		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	12.6		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00222		0.00100		mg/L	1		200.8	Total Recoverable
Barium	0.00672		0.00100		mg/L	1		200.8	Total Recoverable
Turbidity	0.05	H	0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	83.5		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	83.5		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	147		10.0		mg/L	1		SM 2540C	Total/NA
pH	8.0	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	23.3	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: QCMW

Lab Sample ID: 570-188918-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Sulfate	3.7		1.0		mg/L	1		300.0	Total/NA
Calcium	19.3		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	1.57		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	9.65		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: QCMW (Continued)

Lab Sample ID: 570-188918-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Barium	0.00769		0.00100		mg/L	1		200.8	Total Recoverable
Turbidity	0.05	H H3	0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	69.6		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	69.6		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	127		10.0		mg/L	1		SM 2540C	Total/NA
pH	7.9	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	23.1	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: EPA 300.0 - Anions, Ion Chromatography

Client Sample ID: PAT-1
Date Collected: 06/18/24 10:15
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0		mg/L			06/20/24 19:33	1
Sulfate	**3.8**		1.0		mg/L			06/20/24 19:33	1

Client Sample ID: OW-7u
Date Collected: 06/19/24 09:35
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.4**		1.0		mg/L			06/20/24 19:50	1
Sulfate	**10**		1.0		mg/L			06/20/24 19:50	1

Client Sample ID: OW-7m
Date Collected: 06/18/24 11:45
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-3
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.7**		1.0		mg/L			06/20/24 20:07	1
Sulfate	**25**		1.0		mg/L			06/20/24 20:07	1

Client Sample ID: OW-8us
Date Collected: 06/18/24 11:20
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-4
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.9**		1.0		mg/L			06/20/24 20:24	1
Sulfate	**7.3**		1.0		mg/L			06/20/24 20:24	1

Client Sample ID: OW-9u
Date Collected: 06/18/24 13:15
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-5
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.2**		1.0		mg/L			06/20/24 20:40	1
Sulfate	**10**		1.0		mg/L			06/20/24 20:40	1

Client Sample ID: OW-10u
Date Collected: 06/19/24 10:57
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-6
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.0**		1.0		mg/L			06/20/24 20:57	1
Sulfate	**5.3**		1.0		mg/L			06/20/24 20:57	1

Client Sample ID: OW-10m
Date Collected: 06/19/24 10:35
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-7
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.1**		1.0		mg/L			06/20/24 21:14	1
Sulfate	**7.2**		1.0		mg/L			06/20/24 21:14	1

Client Sample ID: P-5
Date Collected: 06/19/24 10:06
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-8
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.0**		1.0		mg/L			06/20/24 21:31	1
Sulfate	**3.0**		1.0		mg/L			06/20/24 21:31	1

Client: TEAM Environmental, Inc.
Job ID: 570-188918-1
Project/Site: CG Roxane

Method: EPA 300.0 - Anions, Ion Chromatography

Client Sample ID: CMW-2
Lab Sample ID: 570-188918-9
Date Collected: 06/18/24 09:55
Matrix: Water
Date Received: 06/20/24 09:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.1**		1.0		mg/L			06/20/24 21:48	1
Sulfate	**7.7**		1.0		mg/L			06/20/24 21:48	1

Client Sample ID: QCMW
Lab Sample ID: 570-188918-10
Date Collected: 06/18/24 00:00
Matrix: Water
Date Received: 06/20/24 09:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0		mg/L			06/20/24 22:38	1
Sulfate	**3.7**		1.0		mg/L			06/20/24 22:38	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Client Sample ID: PAT-1
Date Collected: 06/18/24 10:15
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	18.9		2.00		mg/L		06/24/24 15:06	06/25/24 11:06	1
Magnesium	1.55		0.500		mg/L		06/24/24 15:06	06/25/24 11:06	1
Sodium	9.41		2.00		mg/L		06/24/24 15:06	06/25/24 11:06	1

Client Sample ID: OW-7u
Date Collected: 06/19/24 09:35
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	15.5		2.00		mg/L		06/24/24 15:06	06/25/24 11:09	1
Magnesium	1.43		0.500		mg/L		06/24/24 15:06	06/25/24 11:09	1
Sodium	17.5		2.00		mg/L		06/24/24 15:06	06/25/24 11:09	1

Client Sample ID: OW-7m
Date Collected: 06/18/24 11:45
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-3
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	20.0		2.00		mg/L		06/24/24 15:06	06/25/24 11:11	1
Magnesium	1.61		0.500		mg/L		06/24/24 15:06	06/25/24 11:11	1
Sodium	20.9		2.00		mg/L		06/24/24 15:06	06/25/24 11:11	1

Client Sample ID: OW-8us
Date Collected: 06/18/24 11:20
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-4
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	11.5		2.00		mg/L		06/24/24 15:06	06/25/24 11:13	1
Magnesium	2.12		0.500		mg/L		06/24/24 15:06	06/25/24 11:13	1
Sodium	16.8		2.00		mg/L		06/24/24 15:06	06/25/24 11:13	1

Client Sample ID: OW-9u
Date Collected: 06/18/24 13:15
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-5
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	10.6		2.00		mg/L		06/24/24 15:06	06/25/24 11:20	1
Magnesium	1.03		0.500		mg/L		06/24/24 15:06	06/25/24 11:20	1
Sodium	17.3		2.00		mg/L		06/24/24 15:06	06/25/24 11:20	1

Client Sample ID: OW-10u
Date Collected: 06/19/24 10:57
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-6
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	15.4		2.00		mg/L		06/24/24 15:06	06/25/24 11:23	1
Magnesium	2.07		0.500		mg/L		06/24/24 15:06	06/25/24 11:23	1
Sodium	13.0		2.00		mg/L		06/24/24 15:06	06/25/24 11:23	1

Client Sample ID: OW-10m
Date Collected: 06/19/24 10:35
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-7
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	23.7		2.00		mg/L		06/24/24 15:06	06/25/24 11:25	1
Magnesium	2.50		0.500		mg/L		06/24/24 15:06	06/25/24 11:25	1
Sodium	15.0		2.00		mg/L		06/24/24 15:06	06/25/24 11:25	1

Client: TEAM Environmental, Inc.
Job ID: 570-188918-1
Project/Site: CG Roxane

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Client Sample ID: P-5
Lab Sample ID: 570-188918-8
Date Collected: 06/19/24 10:06
Matrix: Water
Date Received: 06/20/24 09:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	10.7		2.00		mg/L		06/24/24 15:06	06/25/24 11:27	1
Magnesium	1.47		0.500		mg/L		06/24/24 15:06	06/25/24 11:27	1
Sodium	13.9		2.00		mg/L		06/24/24 15:06	06/25/24 11:27	1

Client Sample ID: CMW-2
Lab Sample ID: 570-188918-9
Date Collected: 06/18/24 09:55
Matrix: Water
Date Received: 06/20/24 09:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	24.4		2.00		mg/L		06/24/24 15:06	06/25/24 11:29	1
Magnesium	2.15		0.500		mg/L		06/24/24 15:06	06/25/24 11:29	1
Sodium	12.6		2.00		mg/L		06/24/24 15:06	06/25/24 11:29	1

Client Sample ID: QCMW
Lab Sample ID: 570-188918-10
Date Collected: 06/18/24 00:00
Matrix: Water
Date Received: 06/20/24 09:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	19.3		2.00		mg/L		06/24/24 15:06	06/25/24 11:00	1
Magnesium	1.57		0.500		mg/L		06/24/24 15:06	06/25/24 11:00	1
Sodium	9.65		2.00		mg/L		06/24/24 15:06	06/25/24 11:00	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: PAT-1
Date Collected: 06/18/24 10:15
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:43	1
Arsenic	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:43	1
Barium	**0.00773**		0.00100		mg/L		06/21/24 08:16	06/21/24 13:43	1
Beryllium	ND		0.000500		mg/L		06/21/24 08:16	06/21/24 13:43	1
Cadmium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:43	1
Chromium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:43	1
Cobalt	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:43	1
Copper	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:43	1
Lead	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:43	1
Molybdenum	**0.00248**		0.00200		mg/L		06/21/24 08:16	06/21/24 13:43	1
Nickel	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:43	1
Selenium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:43	1
Silver	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:43	1
Thallium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:43	1
Vanadium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:43	1
Zinc	ND		0.0200		mg/L		06/21/24 08:16	06/21/24 13:43	1

Client Sample ID: OW-7u
Date Collected: 06/19/24 09:35
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:45	1
Arsenic	**0.0206**		0.00100		mg/L		06/21/24 08:16	06/21/24 13:45	1
Barium	**0.00645**		0.00100		mg/L		06/21/24 08:16	06/21/24 13:45	1
Beryllium	ND		0.000500		mg/L		06/21/24 08:16	06/21/24 13:45	1
Cadmium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:45	1
Chromium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:45	1
Cobalt	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:45	1
Copper	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:45	1
Lead	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:45	1
Molybdenum	**0.00615**		0.00200		mg/L		06/21/24 08:16	06/21/24 13:45	1
Nickel	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:45	1
Selenium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:45	1
Silver	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:45	1
Thallium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:45	1
Vanadium	**0.00669**		0.00200		mg/L		06/21/24 08:16	06/21/24 13:45	1
Zinc	ND		0.0200		mg/L		06/21/24 08:16	06/21/24 13:45	1

Client Sample ID: OW-7m
Date Collected: 06/18/24 11:45
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-3
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:52	1
Arsenic	**0.0201**		0.00100		mg/L		06/21/24 08:16	06/21/24 13:52	1
Barium	**0.0182**		0.00100		mg/L		06/21/24 08:16	06/21/24 13:52	1
Beryllium	ND		0.000500		mg/L		06/21/24 08:16	06/21/24 13:52	1
Cadmium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:52	1
Chromium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:52	1
Cobalt	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:52	1
Copper	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:52	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: OW-7m
Date Collected: 06/18/24 11:45
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-3
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:52	1
Molybdenum	**0.00351**		0.00200		mg/L		06/21/24 08:16	06/21/24 13:52	1
Nickel	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:52	1
Selenium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:52	1
Silver	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:52	1
Thallium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:52	1
Vanadium	**0.00564**		0.00200		mg/L		06/21/24 08:16	06/21/24 13:52	1
Zinc	ND		0.0200		mg/L		06/21/24 08:16	06/21/24 13:52	1

Client Sample ID: OW-8us
Date Collected: 06/18/24 11:20
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-4
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:55	1
Arsenic	**0.00469**		0.00100		mg/L		06/21/24 08:16	06/21/24 13:55	1
Barium	**0.00182**		0.00100		mg/L		06/21/24 08:16	06/21/24 13:55	1
Beryllium	ND		0.000500		mg/L		06/21/24 08:16	06/21/24 13:55	1
Cadmium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:55	1
Chromium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:55	1
Cobalt	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:55	1
Copper	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:55	1
Lead	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:55	1
Molybdenum	**0.00236**		0.00200		mg/L		06/21/24 08:16	06/21/24 13:55	1
Nickel	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:55	1
Selenium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:55	1
Silver	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:55	1
Thallium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:55	1
Vanadium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:55	1
Zinc	ND		0.0200		mg/L		06/21/24 08:16	06/21/24 13:55	1

Client Sample ID: OW-9u
Date Collected: 06/18/24 13:15
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-5
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:57	1
Arsenic	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:57	1
Barium	**0.00148**		0.00100		mg/L		06/21/24 08:16	06/21/24 13:57	1
Beryllium	ND		0.000500		mg/L		06/21/24 08:16	06/21/24 13:57	1
Cadmium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:57	1
Chromium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:57	1
Cobalt	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:57	1
Copper	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:57	1
Lead	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:57	1
Molybdenum	**0.00481**		0.00200		mg/L		06/21/24 08:16	06/21/24 13:57	1
Nickel	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:57	1
Selenium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:57	1
Silver	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:57	1
Thallium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:57	1
Vanadium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:57	1
Zinc	ND		0.0200		mg/L		06/21/24 08:16	06/21/24 13:57	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: OW-10u
Date Collected: 06/19/24 10:57
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-6
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:59	1
Arsenic	**0.00280**		0.00100		mg/L		06/21/24 08:16	06/21/24 13:59	1
Barium	**0.0230**		0.00100		mg/L		06/21/24 08:16	06/21/24 13:59	1
Beryllium	ND		0.000500		mg/L		06/21/24 08:16	06/21/24 13:59	1
Cadmium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:59	1
Chromium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:59	1
Cobalt	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:59	1
Copper	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:59	1
Lead	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:59	1
Molybdenum	**0.00256**		0.00200		mg/L		06/21/24 08:16	06/21/24 13:59	1
Nickel	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:59	1
Selenium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:59	1
Silver	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:59	1
Thallium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 13:59	1
Vanadium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 13:59	1
Zinc	ND		0.0200		mg/L		06/21/24 08:16	06/21/24 13:59	1

Client Sample ID: OW-10m
Date Collected: 06/19/24 10:35
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-7
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:02	1
Arsenic	**0.00338**		0.00100		mg/L		06/21/24 08:16	06/21/24 14:02	1
Barium	**0.00542**		0.00100		mg/L		06/21/24 08:16	06/21/24 14:02	1
Beryllium	ND		0.000500		mg/L		06/21/24 08:16	06/21/24 14:02	1
Cadmium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:02	1
Chromium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:02	1
Cobalt	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:02	1
Copper	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:02	1
Lead	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:02	1
Molybdenum	**0.00257**		0.00200		mg/L		06/21/24 08:16	06/21/24 14:02	1
Nickel	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:02	1
Selenium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:02	1
Silver	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:02	1
Thallium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:02	1
Vanadium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:02	1
Zinc	ND		0.0200		mg/L		06/21/24 08:16	06/21/24 14:02	1

Client Sample ID: P-5
Date Collected: 06/19/24 10:06
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-8
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:04	1
Arsenic	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:04	1
Barium	**0.0236**		0.00100		mg/L		06/21/24 08:16	06/21/24 14:04	1
Beryllium	ND		0.000500		mg/L		06/21/24 08:16	06/21/24 14:04	1
Cadmium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:04	1
Chromium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:04	1
Cobalt	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:04	1
Copper	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:04	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable (Continued)

Client Sample ID: P-5
Date Collected: 06/19/24 10:06
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-8
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	**0.00976**		0.00100		mg/L		06/21/24 08:16	06/21/24 14:04	1
Molybdenum	**0.00344**		0.00200		mg/L		06/21/24 08:16	06/21/24 14:04	1
Nickel	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:04	1
Selenium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:04	1
Silver	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:04	1
Thallium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:04	1
Vanadium	**0.00203**		0.00200		mg/L		06/21/24 08:16	06/21/24 14:04	1
Zinc	**0.531**		0.0200		mg/L		06/21/24 08:16	06/21/24 14:04	1

Client Sample ID: CMW-2
Date Collected: 06/18/24 09:55
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-9
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:07	1
Arsenic	**0.00222**		0.00100		mg/L		06/21/24 08:16	06/21/24 14:07	1
Barium	**0.00672**		0.00100		mg/L		06/21/24 08:16	06/21/24 14:07	1
Beryllium	ND		0.000500		mg/L		06/21/24 08:16	06/21/24 14:07	1
Cadmium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:07	1
Chromium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:07	1
Cobalt	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:07	1
Copper	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:07	1
Lead	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:07	1
Molybdenum	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:07	1
Nickel	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:07	1
Selenium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:07	1
Silver	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:07	1
Thallium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:07	1
Vanadium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:07	1
Zinc	ND		0.0200		mg/L		06/21/24 08:16	06/21/24 14:07	1

Client Sample ID: QCMW
Date Collected: 06/18/24 00:00
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-10
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:09	1
Arsenic	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:09	1
Barium	**0.00769**		0.00100		mg/L		06/21/24 08:16	06/21/24 14:09	1
Beryllium	ND		0.000500		mg/L		06/21/24 08:16	06/21/24 14:09	1
Cadmium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:09	1
Chromium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:09	1
Cobalt	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:09	1
Copper	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:09	1
Lead	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:09	1
Molybdenum	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:09	1
Nickel	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:09	1
Selenium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:09	1
Silver	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:09	1
Thallium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 14:09	1
Vanadium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 14:09	1
Zinc	ND		0.0200		mg/L		06/21/24 08:16	06/21/24 14:09	1

Method: EPA 245.1 - Mercury (CVAA)

Client Sample ID: PAT-1
Date Collected: 06/18/24 10:15
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		06/21/24 11:35	06/21/24 16:05	1

Client Sample ID: OW-7u
Date Collected: 06/19/24 09:35
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		06/21/24 11:35	06/21/24 16:07	1

Client Sample ID: OW-7m
Date Collected: 06/18/24 11:45
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-3
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		06/21/24 11:35	06/21/24 16:09	1

Client Sample ID: OW-8us
Date Collected: 06/18/24 11:20
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-4
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		06/21/24 11:35	06/21/24 16:11	1

Client Sample ID: OW-9u
Date Collected: 06/18/24 13:15
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-5
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		06/21/24 11:35	06/21/24 16:13	1

Client Sample ID: OW-10u
Date Collected: 06/19/24 10:57
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-6
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		06/21/24 11:35	06/21/24 16:15	1

Client Sample ID: OW-10m
Date Collected: 06/19/24 10:35
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-7
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		06/21/24 11:35	06/21/24 16:25	1

Client Sample ID: P-5
Date Collected: 06/19/24 10:06
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-8
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		06/21/24 11:35	06/21/24 16:27	1

Client Sample ID: CMW-2
Date Collected: 06/18/24 09:55
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-9
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		06/21/24 11:35	06/21/24 16:29	1

Client: TEAM Environmental, Inc.
Job ID: 570-188918-1
Project/Site: CG Roxane

Method: EPA 245.1 - Mercury (CVAA)

Client Sample ID: QCMW
Lab Sample ID: 570-188918-10
Date Collected: 06/18/24 00:00
Matrix: Water
Date Received: 06/20/24 09:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		06/21/24 11:35	06/21/24 16:31	1

General Chemistry

Client Sample ID: PAT-1
Date Collected: 06/18/24 10:15
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity (SM 2130B)	0.15		0.05		NTU			06/20/24 10:14	1
Alkalinity, Total (As CaCO3) (SM 2320B)	69.2		5.00		mg/L			06/20/24 19:51	1
Bicarbonate (as CaCO3) (SM 2320B)	69.2		5.00		mg/L			06/20/24 19:51	1
Total Dissolved Solids (SM 2540C)	121		10.0		mg/L			06/20/24 17:00	1
pH (SM 4500 H+ B)	7.8	HF	0.01		S.U.			06/20/24 19:51	1
Temperature (SM 4500 H+ B)	23.4	HF	1.0		Deg. C			06/20/24 19:51	1

Client Sample ID: OW-7u
Date Collected: 06/19/24 09:35
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity (SM 2130B)	0.05		0.05		NTU			06/20/24 15:20	1
Alkalinity, Total (As CaCO3) (SM 2320B)	89.6		5.00		mg/L			06/20/24 20:03	1
Bicarbonate (as CaCO3) (SM 2320B)	89.6		5.00		mg/L			06/20/24 20:03	1
Total Dissolved Solids (SM 2540C)	129		10.0		mg/L			06/20/24 17:00	1
pH (SM 4500 H+ B)	8.0	HF	0.01		S.U.			06/20/24 20:03	1
Temperature (SM 4500 H+ B)	23.4	HF	1.0		Deg. C			06/20/24 20:03	1

Client Sample ID: OW-7m
Date Collected: 06/18/24 11:45
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-3
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity (SM 2130B)	ND		0.05		NTU			06/20/24 10:26	1
Alkalinity, Total (As CaCO3) (SM 2320B)	67.2		5.00		mg/L			06/20/24 20:10	1
Bicarbonate (as CaCO3) (SM 2320B)	67.2		5.00		mg/L			06/20/24 20:10	1
Total Dissolved Solids (SM 2540C)	166		10.0		mg/L			06/20/24 17:00	1
pH (SM 4500 H+ B)	8.0	HF	0.01		S.U.			06/20/24 20:10	1
Temperature (SM 4500 H+ B)	23.3	HF	1.0		Deg. C			06/20/24 20:10	1

Client Sample ID: OW-8us
Date Collected: 06/18/24 11:20
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-4
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity (SM 2130B)	ND		0.05		NTU			06/20/24 10:21	1
Alkalinity, Total (As CaCO3) (SM 2320B)	72.8		5.00		mg/L			06/20/24 20:17	1
Bicarbonate (as CaCO3) (SM 2320B)	72.8		5.00		mg/L			06/20/24 20:17	1
Total Dissolved Solids (SM 2540C)	150		10.0		mg/L			06/20/24 17:00	1
pH (SM 4500 H+ B)	8.2	HF	0.01		S.U.			06/20/24 20:17	1
Temperature (SM 4500 H+ B)	23.3	HF	1.0		Deg. C			06/20/24 20:17	1

General Chemistry

Client Sample ID: OW-9u
Date Collected: 06/18/24 13:15
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-5
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity (SM 2130B)	0.05		0.05		NTU			06/20/24 10:28	1
Alkalinity, Total (As CaCO3) (SM 2320B)	74.4		5.00		mg/L			06/20/24 20:23	1
Bicarbonate (as CaCO3) (SM 2320B)	74.4		5.00		mg/L			06/20/24 20:23	1
Total Dissolved Solids (SM 2540C)	164		10.0		mg/L			06/20/24 17:00	1
pH (SM 4500 H+ B)	8.3	HF	0.01		S.U.			06/20/24 20:23	1
Temperature (SM 4500 H+ B)	23.2	HF	1.0		Deg. C			06/20/24 20:23	1

Client Sample ID: OW-10u
Date Collected: 06/19/24 10:57
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-6
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity (SM 2130B)	0.30		0.05		NTU			06/20/24 15:23	1
Alkalinity, Total (As CaCO3) (SM 2320B)	65.3		5.00		mg/L			06/20/24 20:29	1
Bicarbonate (as CaCO3) (SM 2320B)	65.3		5.00		mg/L			06/20/24 20:29	1
Total Dissolved Solids (SM 2540C)	123		10.0		mg/L			06/20/24 17:00	1
pH (SM 4500 H+ B)	7.5	HF	0.01		S.U.			06/20/24 20:29	1
Temperature (SM 4500 H+ B)	23.2	HF	1.0		Deg. C			06/20/24 20:29	1

Client Sample ID: OW-10m
Date Collected: 06/19/24 10:35
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-7
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity (SM 2130B)	0.30		0.05		NTU			06/20/24 15:26	1
Alkalinity, Total (As CaCO3) (SM 2320B)	95.8		5.00		mg/L			06/20/24 20:36	1
Bicarbonate (as CaCO3) (SM 2320B)	95.8		5.00		mg/L			06/20/24 20:36	1
Total Dissolved Solids (SM 2540C)	173		10.0		mg/L			06/20/24 17:00	1
pH (SM 4500 H+ B)	8.1	HF	0.01		S.U.			06/20/24 20:36	1
Temperature (SM 4500 H+ B)	23.3	HF	1.0		Deg. C			06/20/24 20:36	1

Client Sample ID: P-5
Date Collected: 06/19/24 10:06
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-8
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity (SM 2130B)	2.5		0.05		NTU			06/20/24 15:28	1
Alkalinity, Total (As CaCO3) (SM 2320B)	62.4		5.00		mg/L			06/20/24 20:42	1
Bicarbonate (as CaCO3) (SM 2320B)	62.4		5.00		mg/L			06/20/24 20:42	1
Total Dissolved Solids (SM 2540C)	107		10.0		mg/L			06/20/24 17:00	1
pH (SM 4500 H+ B)	7.3	HF	0.01		S.U.			06/20/24 20:42	1
Temperature (SM 4500 H+ B)	23.4	HF	1.0		Deg. C			06/20/24 20:42	1

Client: TEAM Environmental, Inc.
Project/Site: CG Roxane

Job ID: 570-188918-1

General Chemistry

Client Sample ID: CMW-2
Date Collected: 06/18/24 09:55
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-9
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity (SM 2130B)	0.05	H	0.05		NTU			06/20/24 10:32	1
Alkalinity, Total (As CaCO3) (SM 2320B)	83.5		5.00		mg/L			06/20/24 20:48	1
Bicarbonate (as CaCO3) (SM 2320B)	83.5		5.00		mg/L			06/20/24 20:48	1
Total Dissolved Solids (SM 2540C)	147		10.0		mg/L			06/20/24 17:00	1
pH (SM 4500 H+ B)	8.0	HF	0.01		S.U.			06/20/24 20:48	1
Temperature (SM 4500 H+ B)	23.3	HF	1.0		Deg. C			06/20/24 20:48	1

Client Sample ID: QCMW
Date Collected: 06/18/24 00:00
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-10
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity (SM 2130B)	0.05	H H3	0.05		NTU			06/20/24 10:30	1
Alkalinity, Total (As CaCO3) (SM 2320B)	69.6		5.00		mg/L			06/20/24 20:54	1
Bicarbonate (as CaCO3) (SM 2320B)	69.6		5.00		mg/L			06/20/24 20:54	1
Total Dissolved Solids (SM 2540C)	127		10.0		mg/L			06/20/24 17:00	1
pH (SM 4500 H+ B)	7.9	HF	0.01		S.U.			06/20/24 20:54	1
Temperature (SM 4500 H+ B)	23.1	HF	1.0		Deg. C			06/20/24 20:54	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-452681/5
Matrix: Water
Analysis Batch: 452681

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0		mg/L			06/20/24 09:40	1
Sulfate	ND		1.0		mg/L			06/20/24 09:40	1

Lab Sample ID: LCS 570-452681/6
Matrix: Water
Analysis Batch: 452681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.0	50.04		mg/L		100	90 - 110		
Sulfate			50.0	49.44		mg/L		99	90 - 110		

Lab Sample ID: LCSD 570-452681/7
Matrix: Water
Analysis Batch: 452681

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			50.0	50.02		mg/L		100	90 - 110	0	15
Sulfate			50.0	49.47		mg/L		99	90 - 110	0	15

Lab Sample ID: 570-188918-1 MS
Matrix: Water
Analysis Batch: 452681

Client Sample ID: PAT-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		50.0	49.51		mg/L		97	80 - 120		
Sulfate	3.8		50.0	52.48		mg/L		97	80 - 120		

Lab Sample ID: 570-188918-1 MSD
Matrix: Water
Analysis Batch: 452681

Client Sample ID: PAT-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		50.0	50.34		mg/L		99	80 - 120	2	20
Sulfate	3.8		50.0	53.35		mg/L		99	80 - 120	2	20

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 570-454013/1-A
Matrix: Water
Analysis Batch: 454406

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 454013

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		2.00		mg/L		06/24/24 15:06	06/25/24 10:53	1
Magnesium	ND		0.500		mg/L		06/24/24 15:06	06/25/24 10:53	1
Sodium	ND		2.00		mg/L		06/24/24 15:06	06/25/24 10:53	1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-454013/2-A
Matrix: Water
Analysis Batch: 454406

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 454013

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium			2.50	2.445		mg/L		98	85 - 115		
Magnesium			2.50	2.493		mg/L		100	85 - 115		
Sodium			5.00	5.256		mg/L		105	85 - 115		

Lab Sample ID: LCSD 570-454013/3-A
Matrix: Water
Analysis Batch: 454406

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 454013

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium			2.50	2.468		mg/L		99	85 - 115	1	20
Magnesium			2.50	2.534		mg/L		101	85 - 115	2	20
Sodium			5.00	5.279		mg/L		106	85 - 115	0	20

Lab Sample ID: 570-188918-9 MS
Matrix: Water
Analysis Batch: 454406

Client Sample ID: CMW-2
Prep Type: Total Recoverable
Prep Batch: 454013

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium	24.4		2.50	27.08	4	mg/L		106	80 - 120		
Magnesium	2.15		2.50	4.632		mg/L		99	80 - 120		
Sodium	12.6		5.00	17.61		mg/L		100	80 - 120		

Lab Sample ID: 570-188918-9 MSD
Matrix: Water
Analysis Batch: 454406

Client Sample ID: CMW-2
Prep Type: Total Recoverable
Prep Batch: 454013

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	24.4		2.50	26.65	4	mg/L		88	80 - 120	2	20
Magnesium	2.15		2.50	4.590		mg/L		98	80 - 120	1	20
Sodium	12.6		5.00	17.40		mg/L		95	80 - 120	1	20

Lab Sample ID: 570-188918-10 MS
Matrix: Water
Analysis Batch: 454406

Client Sample ID: QCMW
Prep Type: Total Recoverable
Prep Batch: 454013

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium	19.3		2.50	22.55	4	mg/L		131	80 - 120		
Magnesium	1.57		2.50	4.179		mg/L		104	80 - 120		
Sodium	9.65		5.00	15.03		mg/L		108	80 - 120		

Lab Sample ID: 570-188918-10 MSD
Matrix: Water
Analysis Batch: 454406

Client Sample ID: QCMW
Prep Type: Total Recoverable
Prep Batch: 454013

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	19.3		2.50	22.19	4	mg/L		116	80 - 120	2	20
Magnesium	1.57		2.50	4.064		mg/L		100	80 - 120	3	20
Sodium	9.65		5.00	14.75		mg/L		102	80 - 120	2	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 570-453168/1-A
Matrix: Water
Analysis Batch: 453334

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 453168

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 12:47	1
Arsenic	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 12:47	1
Barium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 12:47	1
Beryllium	ND		0.000500		mg/L		06/21/24 08:16	06/21/24 12:47	1
Cadmium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 12:47	1
Chromium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 12:47	1
Cobalt	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 12:47	1
Copper	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 12:47	1
Lead	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 12:47	1
Molybdenum	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 12:47	1
Nickel	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 12:47	1
Selenium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 12:47	1
Silver	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 12:47	1
Thallium	ND		0.00100		mg/L		06/21/24 08:16	06/21/24 12:47	1
Vanadium	ND		0.00200		mg/L		06/21/24 08:16	06/21/24 12:47	1
Zinc	ND		0.0200		mg/L		06/21/24 08:16	06/21/24 12:47	1

Lab Sample ID: LCS 570-453168/2-A
Matrix: Water
Analysis Batch: 453334

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 453168

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			0.0800	0.08047		mg/L		101	85 - 115		
Arsenic			0.0800	0.07837		mg/L		98	85 - 115		
Barium			0.0800	0.08101		mg/L		101	85 - 115		
Beryllium			0.0800	0.08271		mg/L		103	85 - 115		
Cadmium			0.0800	0.07938		mg/L		99	85 - 115		
Chromium			0.0800	0.07808		mg/L		98	85 - 115		
Cobalt			0.0800	0.08315		mg/L		104	85 - 115		
Copper			0.0800	0.08244		mg/L		103	85 - 115		
Lead			0.0800	0.08062		mg/L		101	85 - 115		
Molybdenum			0.0800	0.08013		mg/L		100	85 - 115		
Nickel			0.0800	0.08178		mg/L		102	85 - 115		
Selenium			0.0800	0.07831		mg/L		98	85 - 115		
Silver			0.0800	0.07858		mg/L		98	85 - 115		
Thallium			0.0800	0.08041		mg/L		101	85 - 115		
Vanadium			0.0800	0.08066		mg/L		101	85 - 115		
Zinc			0.0800	0.07855		mg/L		98	85 - 115		

Lab Sample ID: LCSD 570-453168/3-A
Matrix: Water
Analysis Batch: 453334

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 453168

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony			0.0800	0.08277		mg/L		103	85 - 115	3	20
Arsenic			0.0800	0.07882		mg/L		99	85 - 115	1	20
Barium			0.0800	0.08202		mg/L		103	85 - 115	1	20
Beryllium			0.0800	0.08494		mg/L		106	85 - 115	3	20
Cadmium			0.0800	0.08060		mg/L		101	85 - 115	2	20

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 570-453168/3-A
Matrix: Water
Analysis Batch: 453334

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 453168

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	0.0800	0.07849		mg/L		98	85 - 115	1	20
Cobalt	0.0800	0.08316		mg/L		104	85 - 115	0	20
Copper	0.0800	0.08315		mg/L		104	85 - 115	1	20
Lead	0.0800	0.08103		mg/L		101	85 - 115	1	20
Molybdenum	0.0800	0.08255		mg/L		103	85 - 115	3	20
Nickel	0.0800	0.08216		mg/L		103	85 - 115	0	20
Selenium	0.0800	0.07717		mg/L		96	85 - 115	1	20
Silver	0.0800	0.07870		mg/L		98	85 - 115	0	20
Thallium	0.0800	0.08036		mg/L		100	85 - 115	0	20
Vanadium	0.0800	0.08130		mg/L		102	85 - 115	1	20
Zinc	0.0800	0.07963		mg/L		100	85 - 115	1	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 570-453276/1-A
Matrix: Water
Analysis Batch: 453342

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 453276

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		06/21/24 11:35	06/21/24 15:29	1

Lab Sample ID: LCS 570-453276/2-A
Matrix: Water
Analysis Batch: 453342

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 453276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.00800	0.007138		mg/L		89	85 - 115		

Lab Sample ID: LCSD 570-453276/3-A
Matrix: Water
Analysis Batch: 453342

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 453276

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00800	0.007167		mg/L		90	85 - 115	0	10

Method: SM 2130B - Turbidity

Lab Sample ID: LCSSRM 570-452797/1
Matrix: Water
Analysis Batch: 452797

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Turbidity	800	800		NTU		100.0	95.0 - 105.0		

Method: SM 2130B - Turbidity (Continued)

Lab Sample ID: LCSSRM 570-452797/2
Matrix: Water
Analysis Batch: 452797

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Turbidity			20.0	20		NTU		99.5	95.0 - 105.0		

Lab Sample ID: LCSSRM 570-452797/3
Matrix: Water
Analysis Batch: 452797

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Turbidity			0.0200	ND		NTU		0	0.0 - 200.0		

Lab Sample ID: 570-188918-4 DU
Matrix: Water
Analysis Batch: 452797

Client Sample ID: OW-8us
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Turbidity	ND			ND		NTU				NC	25

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-453186/83
Matrix: Water
Analysis Batch: 453186

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (As CaCO3)	ND		5.00		mg/L			06/20/24 19:44	1
Bicarbonate (as CaCO3)	ND		5.00		mg/L			06/20/24 19:44	1

Lab Sample ID: LCS 570-453186/81
Matrix: Water
Analysis Batch: 453186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity, Total (As CaCO3)			106	96.25		mg/L		91	78 - 110		

Lab Sample ID: LCSD 570-453186/82
Matrix: Water
Analysis Batch: 453186

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity, Total (As CaCO3)			106	95.57		mg/L		90	78 - 110	1	10

Lab Sample ID: 570-188918-1 DU
Matrix: Water
Analysis Batch: 453186

Client Sample ID: PAT-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total (As CaCO3)	69.2			70.10		mg/L				1	25
Bicarbonate (as CaCO3)	69.2			70.10		mg/L				1	25

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 570-452990/1
Matrix: Water
Analysis Batch: 452990

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0		mg/L			06/20/24 17:00	1

Lab Sample ID: LCS 570-452990/2
Matrix: Water
Analysis Batch: 452990

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	1000		mg/L		100	84 - 108		

Lab Sample ID: LCSD 570-452990/3
Matrix: Water
Analysis Batch: 452990

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	986.0		mg/L		99	84 - 108	1	10

Lab Sample ID: 570-188918-7 DU
Matrix: Water
Analysis Batch: 452990

Client Sample ID: OW-10m
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	173			172.0		mg/L				0.6	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 570-188918-1 DU
Matrix: Water
Analysis Batch: 453188

Client Sample ID: PAT-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.8	HF		7.9		S.U.				1	25
Temperature	23.4	HF		23.5		Deg. C				0.6	25

HPLC/IC

Analysis Batch: 452681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-188918-1	PAT-1	Total/NA	Water	300.0	
570-188918-2	OW-7u	Total/NA	Water	300.0	
570-188918-3	OW-7m	Total/NA	Water	300.0	
570-188918-4	OW-8us	Total/NA	Water	300.0	
570-188918-5	OW-9u	Total/NA	Water	300.0	
570-188918-6	OW-10u	Total/NA	Water	300.0	
570-188918-7	OW-10m	Total/NA	Water	300.0	
570-188918-8	P-5	Total/NA	Water	300.0	
570-188918-9	CMW-2	Total/NA	Water	300.0	
570-188918-10	QCMW	Total/NA	Water	300.0	
MB 570-452681/5	Method Blank	Total/NA	Water	300.0	
LCS 570-452681/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-452681/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-188918-1 MS	PAT-1	Total/NA	Water	300.0	
570-188918-1 MSD	PAT-1	Total/NA	Water	300.0	

Metals

Prep Batch: 453168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-188918-1	PAT-1	Total Recoverable	Water	200.8	
570-188918-2	OW-7u	Total Recoverable	Water	200.8	
570-188918-3	OW-7m	Total Recoverable	Water	200.8	
570-188918-4	OW-8us	Total Recoverable	Water	200.8	
570-188918-5	OW-9u	Total Recoverable	Water	200.8	
570-188918-6	OW-10u	Total Recoverable	Water	200.8	
570-188918-7	OW-10m	Total Recoverable	Water	200.8	
570-188918-8	P-5	Total Recoverable	Water	200.8	
570-188918-9	CMW-2	Total Recoverable	Water	200.8	
570-188918-10	QCMW	Total Recoverable	Water	200.8	
MB 570-453168/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 570-453168/2-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCSD 570-453168/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	

Prep Batch: 453276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-188918-1	PAT-1	Total/NA	Water	245.1	
570-188918-2	OW-7u	Total/NA	Water	245.1	
570-188918-3	OW-7m	Total/NA	Water	245.1	
570-188918-4	OW-8us	Total/NA	Water	245.1	
570-188918-5	OW-9u	Total/NA	Water	245.1	
570-188918-6	OW-10u	Total/NA	Water	245.1	
570-188918-7	OW-10m	Total/NA	Water	245.1	
570-188918-8	P-5	Total/NA	Water	245.1	
570-188918-9	CMW-2	Total/NA	Water	245.1	
570-188918-10	QCMW	Total/NA	Water	245.1	
MB 570-453276/1-A	Method Blank	Total/NA	Water	245.1	
LCS 570-453276/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 570-453276/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	

Metals

Analysis Batch: 453334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-188918-1	PAT-1	Total Recoverable	Water	200.8	453168
570-188918-2	OW-7u	Total Recoverable	Water	200.8	453168
570-188918-3	OW-7m	Total Recoverable	Water	200.8	453168
570-188918-4	OW-8us	Total Recoverable	Water	200.8	453168
570-188918-5	OW-9u	Total Recoverable	Water	200.8	453168
570-188918-6	OW-10u	Total Recoverable	Water	200.8	453168
570-188918-7	OW-10m	Total Recoverable	Water	200.8	453168
570-188918-8	P-5	Total Recoverable	Water	200.8	453168
570-188918-9	CMW-2	Total Recoverable	Water	200.8	453168
570-188918-10	QCMW	Total Recoverable	Water	200.8	453168
MB 570-453168/1-A	Method Blank	Total Recoverable	Water	200.8	453168
LCS 570-453168/2-A	Lab Control Sample	Total Recoverable	Water	200.8	453168
LCSD 570-453168/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	453168

Analysis Batch: 453342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-188918-1	PAT-1	Total/NA	Water	245.1	453276
570-188918-2	OW-7u	Total/NA	Water	245.1	453276
570-188918-3	OW-7m	Total/NA	Water	245.1	453276
570-188918-4	OW-8us	Total/NA	Water	245.1	453276
570-188918-5	OW-9u	Total/NA	Water	245.1	453276
570-188918-6	OW-10u	Total/NA	Water	245.1	453276
570-188918-7	OW-10m	Total/NA	Water	245.1	453276
570-188918-8	P-5	Total/NA	Water	245.1	453276
570-188918-9	CMW-2	Total/NA	Water	245.1	453276
570-188918-10	QCMW	Total/NA	Water	245.1	453276
MB 570-453276/1-A	Method Blank	Total/NA	Water	245.1	453276
LCS 570-453276/2-A	Lab Control Sample	Total/NA	Water	245.1	453276
LCSD 570-453276/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	453276

Prep Batch: 454013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-188918-1	PAT-1	Total Recoverable	Water	200.7	
570-188918-2	OW-7u	Total Recoverable	Water	200.7	
570-188918-3	OW-7m	Total Recoverable	Water	200.7	
570-188918-4	OW-8us	Total Recoverable	Water	200.7	
570-188918-5	OW-9u	Total Recoverable	Water	200.7	
570-188918-6	OW-10u	Total Recoverable	Water	200.7	
570-188918-7	OW-10m	Total Recoverable	Water	200.7	
570-188918-8	P-5	Total Recoverable	Water	200.7	
570-188918-9	CMW-2	Total Recoverable	Water	200.7	
570-188918-10	QCMW	Total Recoverable	Water	200.7	
MB 570-454013/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 570-454013/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCSD 570-454013/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	
570-188918-9 MS	CMW-2	Total Recoverable	Water	200.7	
570-188918-9 MSD	CMW-2	Total Recoverable	Water	200.7	
570-188918-10 MS	QCMW	Total Recoverable	Water	200.7	
570-188918-10 MSD	QCMW	Total Recoverable	Water	200.7	

Metals

Analysis Batch: 454406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-188918-1	PAT-1	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-2	OW-7u	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-3	OW-7m	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-4	OW-8us	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-5	OW-9u	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-6	OW-10u	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-7	OW-10m	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-8	P-5	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-9	CMW-2	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-10	QCMW	Total Recoverable	Water	200.7 Rev 4.4	454013
MB 570-454013/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	454013
LCS 570-454013/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	454013
LCSD 570-454013/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-9 MS	CMW-2	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-9 MSD	CMW-2	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-10 MS	QCMW	Total Recoverable	Water	200.7 Rev 4.4	454013
570-188918-10 MSD	QCMW	Total Recoverable	Water	200.7 Rev 4.4	454013

General Chemistry

Analysis Batch: 452797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-188918-1	PAT-1	Total/NA	Water	SM 2130B	
570-188918-2	OW-7u	Total/NA	Water	SM 2130B	
570-188918-3	OW-7m	Total/NA	Water	SM 2130B	
570-188918-4	OW-8us	Total/NA	Water	SM 2130B	
570-188918-5	OW-9u	Total/NA	Water	SM 2130B	
570-188918-6	OW-10u	Total/NA	Water	SM 2130B	
570-188918-7	OW-10m	Total/NA	Water	SM 2130B	
570-188918-8	P-5	Total/NA	Water	SM 2130B	
570-188918-9	CMW-2	Total/NA	Water	SM 2130B	
570-188918-10	QCMW	Total/NA	Water	SM 2130B	
LCSSRM 570-452797/1	Lab Control Sample	Total/NA	Water	SM 2130B	
LCSSRM 570-452797/2	Lab Control Sample	Total/NA	Water	SM 2130B	
LCSSRM 570-452797/3	Lab Control Sample	Total/NA	Water	SM 2130B	
570-188918-4 DU	OW-8us	Total/NA	Water	SM 2130B	

Analysis Batch: 452990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-188918-1	PAT-1	Total/NA	Water	SM 2540C	
570-188918-2	OW-7u	Total/NA	Water	SM 2540C	
570-188918-3	OW-7m	Total/NA	Water	SM 2540C	
570-188918-4	OW-8us	Total/NA	Water	SM 2540C	
570-188918-5	OW-9u	Total/NA	Water	SM 2540C	
570-188918-6	OW-10u	Total/NA	Water	SM 2540C	
570-188918-7	OW-10m	Total/NA	Water	SM 2540C	
570-188918-8	P-5	Total/NA	Water	SM 2540C	
570-188918-9	CMW-2	Total/NA	Water	SM 2540C	
570-188918-10	QCMW	Total/NA	Water	SM 2540C	
MB 570-452990/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-452990/2	Lab Control Sample	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 452990 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-452990/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-188918-7 DU	OW-10m	Total/NA	Water	SM 2540C	

Analysis Batch: 453186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-188918-1	PAT-1	Total/NA	Water	SM 2320B	
570-188918-2	OW-7u	Total/NA	Water	SM 2320B	
570-188918-3	OW-7m	Total/NA	Water	SM 2320B	
570-188918-4	OW-8us	Total/NA	Water	SM 2320B	
570-188918-5	OW-9u	Total/NA	Water	SM 2320B	
570-188918-6	OW-10u	Total/NA	Water	SM 2320B	
570-188918-7	OW-10m	Total/NA	Water	SM 2320B	
570-188918-8	P-5	Total/NA	Water	SM 2320B	
570-188918-9	CMW-2	Total/NA	Water	SM 2320B	
570-188918-10	QCMW	Total/NA	Water	SM 2320B	
MB 570-453186/83	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-453186/81	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-453186/82	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-188918-1 DU	PAT-1	Total/NA	Water	SM 2320B	

Analysis Batch: 453188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-188918-1	PAT-1	Total/NA	Water	SM 4500 H+ B	
570-188918-2	OW-7u	Total/NA	Water	SM 4500 H+ B	
570-188918-3	OW-7m	Total/NA	Water	SM 4500 H+ B	
570-188918-4	OW-8us	Total/NA	Water	SM 4500 H+ B	
570-188918-5	OW-9u	Total/NA	Water	SM 4500 H+ B	
570-188918-6	OW-10u	Total/NA	Water	SM 4500 H+ B	
570-188918-7	OW-10m	Total/NA	Water	SM 4500 H+ B	
570-188918-8	P-5	Total/NA	Water	SM 4500 H+ B	
570-188918-9	CMW-2	Total/NA	Water	SM 4500 H+ B	
570-188918-10	QCMW	Total/NA	Water	SM 4500 H+ B	
570-188918-1 DU	PAT-1	Total/NA	Water	SM 4500 H+ B	

Client Sample ID: PAT-1

Lab Sample ID: 570-188918-1

Date Collected: 06/18/24 10:15

Matrix: Water

Date Received: 06/20/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	452681	06/20/24 19:33	UIP1	EET CAL 4
	Instrument ID: IC27									
Total Recoverable	Prep	200.7			50 mL	50 mL	454013	06/24/24 15:06	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.7 Rev 4.4		1			454406	06/25/24 11:06	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	200.8			50 mL	50 mL	453168	06/21/24 08:16	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.8		1			453334	06/21/24 13:43	C0YH	EET CAL 4
	Instrument ID: ICPMS09									
Total/NA	Prep	245.1			25 mL	50 mL	453276	06/21/24 11:35	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			453342	06/21/24 16:05	ECX6	EET CAL 4
	Instrument ID: HG9									
Total/NA	Analysis	SM 2130B		1			452797	06/20/24 10:14	ZVB7	EET CAL 4
	Instrument ID: TUR5									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	453186	06/20/24 19:51	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	452990	06/20/24 17:00	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 H+ B		1			453188	06/20/24 19:51	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									

Client Sample ID: OW-7u

Lab Sample ID: 570-188918-2

Date Collected: 06/19/24 09:35

Matrix: Water

Date Received: 06/20/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	452681	06/20/24 19:50	UIP1	EET CAL 4
	Instrument ID: IC27									
Total Recoverable	Prep	200.7			50 mL	50 mL	454013	06/24/24 15:06	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.7 Rev 4.4		1			454406	06/25/24 11:09	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	200.8			50 mL	50 mL	453168	06/21/24 08:16	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.8		1			453334	06/21/24 13:45	C0YH	EET CAL 4
	Instrument ID: ICPMS09									
Total/NA	Prep	245.1			25 mL	50 mL	453276	06/21/24 11:35	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			453342	06/21/24 16:07	ECX6	EET CAL 4
	Instrument ID: HG9									
Total/NA	Analysis	SM 2130B		1			452797	06/20/24 15:20	ZVB7	EET CAL 4
	Instrument ID: TUR5									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	453186	06/20/24 20:03	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	452990	06/20/24 17:00	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 H+ B		1			453188	06/20/24 20:03	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									

Client Sample ID: OW-7m

Lab Sample ID: 570-188918-3

Date Collected: 06/18/24 11:45

Matrix: Water

Date Received: 06/20/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	452681	06/20/24 20:07	UIP1	EET CAL 4
	Instrument ID: IC27									
Total Recoverable	Prep	200.7			50 mL	50 mL	454013	06/24/24 15:06	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.7 Rev 4.4		1			454406	06/25/24 11:11	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	200.8			50 mL	50 mL	453168	06/21/24 08:16	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.8		1			453334	06/21/24 13:52	C0YH	EET CAL 4
	Instrument ID: ICPMS09									
Total/NA	Prep	245.1			25 mL	50 mL	453276	06/21/24 11:35	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			453342	06/21/24 16:09	ECX6	EET CAL 4
	Instrument ID: HG9									
Total/NA	Analysis	SM 2130B		1			452797	06/20/24 10:26	ZVB7	EET CAL 4
	Instrument ID: TUR5									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	453186	06/20/24 20:10	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	452990	06/20/24 17:00	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 H+ B		1			453188	06/20/24 20:10	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									

Client Sample ID: OW-8us

Lab Sample ID: 570-188918-4

Date Collected: 06/18/24 11:20

Matrix: Water

Date Received: 06/20/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	452681	06/20/24 20:24	UIP1	EET CAL 4
	Instrument ID: IC27									
Total Recoverable	Prep	200.7			50 mL	50 mL	454013	06/24/24 15:06	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.7 Rev 4.4		1			454406	06/25/24 11:13	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	200.8			50 mL	50 mL	453168	06/21/24 08:16	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.8		1			453334	06/21/24 13:55	C0YH	EET CAL 4
	Instrument ID: ICPMS09									
Total/NA	Prep	245.1			25 mL	50 mL	453276	06/21/24 11:35	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			453342	06/21/24 16:11	ECX6	EET CAL 4
	Instrument ID: HG9									
Total/NA	Analysis	SM 2130B		1			452797	06/20/24 10:21	ZVB7	EET CAL 4
	Instrument ID: TUR5									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	453186	06/20/24 20:17	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	452990	06/20/24 17:00	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 H+ B		1			453188	06/20/24 20:17	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									

Client Sample ID: OW-9u

Date Collected: 06/18/24 13:15
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	452681	06/20/24 20:40	UIP1	EET CAL 4
	Instrument ID: IC27									
Total Recoverable	Prep	200.7			50 mL	50 mL	454013	06/24/24 15:06	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.7 Rev 4.4		1			454406	06/25/24 11:20	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	200.8			50 mL	50 mL	453168	06/21/24 08:16	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.8		1			453334	06/21/24 13:57	C0YH	EET CAL 4
	Instrument ID: ICPMS09									
Total/NA	Prep	245.1			25 mL	50 mL	453276	06/21/24 11:35	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			453342	06/21/24 16:13	ECX6	EET CAL 4
	Instrument ID: HG9									
Total/NA	Analysis	SM 2130B		1			452797	06/20/24 10:28	ZVB7	EET CAL 4
	Instrument ID: TUR5									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	453186	06/20/24 20:23	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	452990	06/20/24 17:00	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 H+ B		1			453188	06/20/24 20:23	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									

Client Sample ID: OW-10u

Date Collected: 06/19/24 10:57
Date Received: 06/20/24 09:30

Lab Sample ID: 570-188918-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	452681	06/20/24 20:57	UIP1	EET CAL 4
	Instrument ID: IC27									
Total Recoverable	Prep	200.7			50 mL	50 mL	454013	06/24/24 15:06	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.7 Rev 4.4		1			454406	06/25/24 11:23	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	200.8			50 mL	50 mL	453168	06/21/24 08:16	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.8		1			453334	06/21/24 13:59	C0YH	EET CAL 4
	Instrument ID: ICPMS09									
Total/NA	Prep	245.1			25 mL	50 mL	453276	06/21/24 11:35	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			453342	06/21/24 16:15	ECX6	EET CAL 4
	Instrument ID: HG9									
Total/NA	Analysis	SM 2130B		1			452797	06/20/24 15:23	ZVB7	EET CAL 4
	Instrument ID: TUR5									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	453186	06/20/24 20:29	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	452990	06/20/24 17:00	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 H+ B		1			453188	06/20/24 20:29	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									

Lab Chronicle

Client: TEAM Environmental, Inc.
Project/Site: CG Roxane

Job ID: 570-188918-1

Client Sample ID: OW-10m

Lab Sample ID: 570-188918-7

Date Collected: 06/19/24 10:35
Date Received: 06/20/24 09:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	452681	06/20/24 21:14	UIP1	EET CAL 4
	Instrument ID: IC27									
Total Recoverable	Prep	200.7			50 mL	50 mL	454013	06/24/24 15:06	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.7 Rev 4.4		1			454406	06/25/24 11:25	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	200.8			50 mL	50 mL	453168	06/21/24 08:16	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.8		1			453334	06/21/24 14:02	C0YH	EET CAL 4
	Instrument ID: ICPMS09									
Total/NA	Prep	245.1			25 mL	50 mL	453276	06/21/24 11:35	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			453342	06/21/24 16:25	ECX6	EET CAL 4
	Instrument ID: HG9									
Total/NA	Analysis	SM 2130B		1			452797	06/20/24 15:26	ZVB7	EET CAL 4
	Instrument ID: TUR5									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	453186	06/20/24 20:36	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	452990	06/20/24 17:00	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 H+ B		1			453188	06/20/24 20:36	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									

Client Sample ID: P-5

Lab Sample ID: 570-188918-8

Date Collected: 06/19/24 10:06
Date Received: 06/20/24 09:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	452681	06/20/24 21:31	UIP1	EET CAL 4
	Instrument ID: IC27									
Total Recoverable	Prep	200.7			50 mL	50 mL	454013	06/24/24 15:06	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.7 Rev 4.4		1			454406	06/25/24 11:27	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	200.8			50 mL	50 mL	453168	06/21/24 08:16	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.8		1			453334	06/21/24 14:04	C0YH	EET CAL 4
	Instrument ID: ICPMS09									
Total/NA	Prep	245.1			25 mL	50 mL	453276	06/21/24 11:35	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			453342	06/21/24 16:27	ECX6	EET CAL 4
	Instrument ID: HG9									
Total/NA	Analysis	SM 2130B		1			452797	06/20/24 15:28	ZVB7	EET CAL 4
	Instrument ID: TUR5									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	453186	06/20/24 20:42	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	452990	06/20/24 17:00	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 H+ B		1			453188	06/20/24 20:42	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									

Client Sample ID: CMW-2

Lab Sample ID: 570-188918-9

Date Collected: 06/18/24 09:55

Matrix: Water

Date Received: 06/20/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	452681	06/20/24 21:48	UIP1	EET CAL 4
	Instrument ID: IC27									
Total Recoverable	Prep	200.7			50 mL	50 mL	454013	06/24/24 15:06	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.7 Rev 4.4		1			454406	06/25/24 11:29	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	200.8			50 mL	50 mL	453168	06/21/24 08:16	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.8		1			453334	06/21/24 14:07	C0YH	EET CAL 4
	Instrument ID: ICPMS09									
Total/NA	Prep	245.1			25 mL	50 mL	453276	06/21/24 11:35	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			453342	06/21/24 16:29	ECX6	EET CAL 4
	Instrument ID: HG9									
Total/NA	Analysis	SM 2130B		1			452797	06/20/24 10:32	ZVB7	EET CAL 4
	Instrument ID: TUR5									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	453186	06/20/24 20:48	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	452990	06/20/24 17:00	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 H+ B		1			453188	06/20/24 20:48	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									

Client Sample ID: QCMW

Lab Sample ID: 570-188918-10

Date Collected: 06/18/24 00:00

Matrix: Water

Date Received: 06/20/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	452681	06/20/24 22:38	UIP1	EET CAL 4
	Instrument ID: IC27									
Total Recoverable	Prep	200.7			50 mL	50 mL	454013	06/24/24 15:06	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.7 Rev 4.4		1			454406	06/25/24 11:00	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total Recoverable	Prep	200.8			50 mL	50 mL	453168	06/21/24 08:16	RL6Q	EET CAL 4
Total Recoverable	Analysis	200.8		1			453334	06/21/24 14:09	C0YH	EET CAL 4
	Instrument ID: ICPMS09									
Total/NA	Prep	245.1			25 mL	50 mL	453276	06/21/24 11:35	VCN7	EET CAL 4
Total/NA	Analysis	245.1		1			453342	06/21/24 16:31	ECX6	EET CAL 4
	Instrument ID: HG9									
Total/NA	Analysis	SM 2130B		1			452797	06/20/24 10:30	ZVB7	EET CAL 4
	Instrument ID: TUR5									
Total/NA	Analysis	SM 2320B		1	10 mL	10 mL	453186	06/20/24 20:54	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	452990	06/20/24 17:00	PK4M	EET CAL 4
	Instrument ID: BAL100									
Total/NA	Analysis	SM 4500 H+ B		1			453188	06/20/24 20:54	ZL4M	EET CAL 4
	Instrument ID: ManSciMantech									

Lab Chronicle

Client: TEAM Environmental, Inc.
Project/Site: CG Roxane

Job ID: 570-188918-1

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: TEAM Environmental, Inc.
Project/Site: CG Roxane

Job ID: 570-188918-1

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Oregon	NELAP	4175	02-02-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 2320B		Water	Bicarbonate (as CaCO3)
SM 4500 H+ B		Water	Temperature

Method Summary

Client: TEAM Environmental, Inc.
Project/Site: CG Roxane

Job ID: 570-188918-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET CAL 4
200.7 Rev 4.4	Metals (ICP)	EPA	EET CAL 4
200.8	Metals (ICP/MS)	EPA	EET CAL 4
245.1	Mercury (CVAA)	EPA	EET CAL 4
SM 2130B	Turbidity	SM	EET CAL 4
SM 2320B	Alkalinity	SM	EET CAL 4
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CAL 4
SM 4500 H+ B	pH	SM	EET CAL 4
200.7	Preparation, Total Recoverable Metals	EPA	EET CAL 4
200.8	Preparation, Total Recoverable Metals	EPA	EET CAL 4
245.1	Preparation, Mercury	EPA	EET CAL 4

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: TEAM Environmental, Inc.
Project/Site: CG Roxane

Job ID: 570-188918-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-188918-1	PAT-1	Water	06/18/24 10:15	06/20/24 09:30
570-188918-2	OW-7u	Water	06/19/24 09:35	06/20/24 09:30
570-188918-3	OW-7m	Water	06/18/24 11:45	06/20/24 09:30
570-188918-4	OW-8us	Water	06/18/24 11:20	06/20/24 09:30
570-188918-5	OW-9u	Water	06/18/24 13:15	06/20/24 09:30
570-188918-6	OW-10u	Water	06/19/24 10:57	06/20/24 09:30
570-188918-7	OW-10m	Water	06/19/24 10:35	06/20/24 09:30
570-188918-8	P-5	Water	06/19/24 10:06	06/20/24 09:30
570-188918-9	CMW-2	Water	06/18/24 09:55	06/20/24 09:30
570-188918-10	QCMW	Water	06/18/24 00:00	06/20/24 09:30

eurofins | Calscience

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

570-188918 Chain of Custody

Loc: 570
CHAIN OF CUST(188918 D

DATE 06/19/24
PAGE 1 OF 1

LABORATORY CLIENT: TEAM Environmental Inc	CLIENT PROJECT NAME / NUMBER: CG Roxane
ADDRESS: P O Box 1265	P O NO:
CITY: Bishop STATE: CA ZIP: 93514	PROJECT CONTACT: Naomi Jensen - TEAM / Ryan Smith - CG Roxane
TEL: 760-872 1033 E-MAIL: naomi@teamenvironmental com, richard@teamenvironmental.com	SAMPLER(S) (PRINT): Greg Foote/Richard Shore

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD")
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

☐ COELT EDF | GLOBAL ID | LOG CODE

SPECIAL INSTRUCTIONS
Please bill CG Roxane directly
SAMPLES SPLIT INTO 2 COOLERS FOR SHIPPING

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	T22 Total Metals 200 8	Sodium calcium magnesium 200 7	Turbidity	pH	TDS	Chloride/Sulfate 300 0	Bicarbonate/ alkalinity
1	PAT-1	06/18/24	1015	GW	4	2	2	0	x	x	x	x	x	x	x
2	OW-7u	06/19/24	0935	GW	4	2	2	0	x	x	x	x	x	x	x
3	OW-7m	06/18/24	1145	GW	4	2	2	0	x	x	x	x	x	x	x
4	OW-8us	06/18/24	1120	GW	4	2	2	0	x	x	x	x	x	x	x
5	OW-9u	06/18/24	1315	GW	4	2	2	0	x	x	x	x	x	x	x
6	OW-10u	06/19/24	1057	GW	4	2	2	0	x	x	x	x	x	x	x
7	OW-10m	06/19/24	1035	GW	4	2	2	0	x	x	x	x	x	x	x
8	P-5	06/19/24	1006	GW	4	2	2	0	x	x	x	x	x	x	x
9	CMW-2	06/18/24	0955	GW	4	2	2	0	x	x	x	x	x	x	x
10	QCMW	06/18/24	0000	GW	4	2	2	0	x	x	x	x	x	x	x

Relinquished by (Signature) Richard Shore (TEAM Environmental)	Received by (Signature/Affiliation) FedEx Shipping	Date 6/19/2024	Time 1500
Relinquished by (Signature) FedEx	Received by (Signature/Affiliation)	Date 6/20/24	Time 0934
Relinquished by (Signature)	Received by (Signature/Affiliation)	Date	Time

29/3.0 34/35 SC14

Login Sample Receipt Checklist

Client: TEAM Environmental, Inc.

Job Number: 570-188918-1

Login Number: 188918

List Source: Eurofins Calscience

List Number: 1

Creator: Skinner, Alma D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	False	Refer to Job Narrative for details.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Date of Report: 06/27/2024

Naomi Garcia

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Client Project:	CGR - GMMRP
Pace Project:	CG Roxane
Pace Work Order:	2409923
Invoice ID:	B499566

Enclosed are the results of analyses for samples received by the laboratory on 6/20/2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Eli Velazquez
Client Service Rep

Stuart Buttram
Operations Manager

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

Table of Contents

BC Laboratories, Inc.

Chain of Custody Form

2409923

*Required Fields

Report To: Client:* TEAM Environmental, Inc.				Project Description:* CG Roxane	
Attn:* Naomi Jensen					
Street Address:* 459 West Line Street				Project Code:* CGR -GMMRP	
City:* Bishop	State:* CA	Zip:* 93514			
Phone#:* (760) 872 - 1033	Fax#: ( )			Sampler (s):* G. Foote/R. Shore	
Email Address: richard@teamenvironmental.com; naomi@te…					
Submission #: 24-09923					

Sample #	Sample Description	Date	Time	Matrix*	Odor
-1	CMW-2	06/18/24	0955	GW	✓
-2	OW-8us	06/18/24	1120	GW	✓
-3	OW-9u	06/18/24	1315	GW	✓
-4	PAT-1	06/18/24	1015	GW	✓
-5	OW-7m	06/18/24	1145	GW	✓
-6	OW-7u	06/19/24	0935	GW	✓
-7	OW-10m	06/19/24	1035	GW	✓
-8	OW-10u	06/19/24	1057	GW	✓
-9	P-5	06/19/24	1006	GW	✓
-10	QCMW	06/18/24	0000	GW	✓

Analysis Requested

Billing

Client:*
Attn:*
Address:*
City:* State:* CA Zip:*

Are there any tests with holding times? less than or equal to 48 hours?
☑ Yes ☐ No

*Standard Turnaround = 10

Notes

SHORT HOLDING TIME
Cr^{+6} NO_2 NO_3 OP SS
DO Cl_2 BOD MBAS ODOR (circled)

CHK BY MW | DISTRIBUTION | SUB-OUT ☐

Matrix Types: S = Soil SL = Sludge DW = Drinking Water WW = Wastewater GW = Groundwater L = Liquid M = Miscellaneous O = Other

Turnaround # of working days:* ☐ 24 Hr Rush ☐ 48 Hr Rush ☐ 3-5 Day Rush ☑ Normal (10 – Days)

Lab TAT Approval: ________ *Additional Charges May Apply

Comments:
Note SHORT HOLD TIME for Odor

☐ MBU Site
☐ CVX RCRA
☑ Geotracker 5 File (CA Default)
☐ Geotracker 2 File
☐ Other (Specify) ________

Cost Center: Global ID:

Relinquished By	Date	Time	Received By	Date	Time
1. Relinquished By: Richard Shore	06/19/24	1500	1. Received By: Fedex	06/19/24	
2. Relinquished By:			2. Received By: [signature]	6-20-24	0938
3. Relinquished By:			3. Received By:		

BC Laboratories, Inc. 4100 Atlas Court – Bakersfield CA 93308 (661) 327 – 4911 Fax: (661) 327 – 1918 www.bclabs.com

PACE ANALYTICAL — COOLER RECEIPT FORM — Page 1 Of 1

Submission #: 24-09923

SHIPPING INFORMATION
Fed Ex ☑ UPS ☐ GSO / GLS ☐ Hand Delivery ☐
Pace Lab Field Service ☐ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐ Box ☐
Other ☐ (Specify)_____

FREE LIQUID
YES ☐ NO ☑
W / S

Refrigerant: Ice ☐ Blue Ice ☑ None ☐ Other ☐ Comments: Not enough blue ice.

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 097 Container: NA Thermometer ID: 337 STV 6/20/24

Temperature: (A) 8.2 °C / (C) 7.4 °C

Date/Time 6.20.24

Analyst Init SMH 0938

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR	A	A	A	A	A	A	A	A	A	A
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:_____

Sample Numbering Completed By: JCR Date/Time: 6-20-24 1001

A = Actual / C = Corrected

Rev 23 05/20/22

[S:\WPDocs\WordPerfect\LAB_DOCS\FORMS\SAMREC rev 23]

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2409923-01	**COC Number:**	---	**Receive Date:**	06/20/2024 09:38
	Project Number:	---	**Sampling Date:**	06/18/2024 09:55
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	CMW-2	**Lab Matrix:**	Water
	Sampled By:	G. Foote / R. Shore	**Sample Type:**	Groundwater
2409923-02	**COC Number:**	---	**Receive Date:**	06/20/2024 09:38
	Project Number:	---	**Sampling Date:**	06/18/2024 11:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	OW-8us	**Lab Matrix:**	Water
	Sampled By:	G. Foote / R. Shore	**Sample Type:**	Groundwater
2409923-03	**COC Number:**	---	**Receive Date:**	06/20/2024 09:38
	Project Number:	---	**Sampling Date:**	06/18/2024 13:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	OW-9u	**Lab Matrix:**	Water
	Sampled By:	G. Foote / R. Shore	**Sample Type:**	Groundwater
2409923-04	**COC Number:**	---	**Receive Date:**	06/20/2024 09:38
	Project Number:	---	**Sampling Date:**	06/18/2024 10:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	PAT-1	**Lab Matrix:**	Water
	Sampled By:	G. Foote / R. Shore	**Sample Type:**	Groundwater
2409923-05	**COC Number:**	---	**Receive Date:**	06/20/2024 09:38
	Project Number:	---	**Sampling Date:**	06/18/2024 11:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	OW-7m	**Lab Matrix:**	Water
	Sampled By:	G. Foote / R. Shore	**Sample Type:**	Groundwater
2409923-06	**COC Number:**	---	**Receive Date:**	06/20/2024 09:38
	Project Number:	---	**Sampling Date:**	06/19/2024 09:35
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	OW-7u	**Lab Matrix:**	Water
	Sampled By:	G. Foote / R. Shore	**Sample Type:**	Groundwater
2409923-07	**COC Number:**	---	**Receive Date:**	06/20/2024 09:38
	Project Number:	---	**Sampling Date:**	06/19/2024 10:35
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	OW-10m	**Lab Matrix:**	Water
	Sampled By:	G. Foote / R. Shore	**Sample Type:**	Groundwater

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2409923-08	**COC Number:**	---	**Receive Date:**	06/20/2024 09:38
	Project Number:	---	**Sampling Date:**	06/19/2024 10:57
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	OW-10u	**Lab Matrix:**	Water
	Sampled By:	G. Foote / R. Shore	**Sample Type:**	Groundwater
2409923-09	**COC Number:**	---	**Receive Date:**	06/20/2024 09:38
	Project Number:	---	**Sampling Date:**	06/19/2024 10:06
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	P-5	**Lab Matrix:**	Water
	Sampled By:	G. Foote / R. Shore	**Sample Type:**	Groundwater
2409923-10	**COC Number:**	---	**Receive Date:**	06/20/2024 09:38
	Project Number:	---	**Sampling Date:**	06/18/2024 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	QCMW	**Lab Matrix:**	Water
	Sampled By:	G. Foote / R. Shore	**Sample Type:**	Groundwater

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

Pace Sample ID: 2409923-01 | **Client Sample Name:** CMW-2, 6/18/2024 9:55:00AM, G. Foote / R. Shore

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Odor	ND	Odor Units	1.0	1.0	SM-2150B	ND		1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	06/21/24 10:00	06/21/24 10:00	TJV	MANUAL	1	B191841	No Prep

DCN = Data Continuation Number

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

Pace Sample ID: 2409923-02 | **Client Sample Name:** OW-8us, 6/18/2024 11:20:00AM, G. Foote / R. Shore

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Odor	**4.0**	**Odor Units**	**1.0**	**1.0**	**SM-2150B**	**ND**		**1**

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	06/21/24 10:00	06/21/24 10:00	TJV	MANUAL	1	B191841	No Prep

DCN = Data Continuation Number

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

Pace Sample ID: 2409923-03 | **Client Sample Name:** OW-9u, 6/18/2024 1:15:00PM, G. Foote / R. Shore

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Odor	ND	Odor Units	1.0	1.0	SM-2150B	ND		1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	06/21/24 10:00	06/21/24 10:00	TJV	MANUAL	1	B191841	No Prep

DCN = Data Continuation Number

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

Pace Sample ID: 2409923-04 | **Client Sample Name:** PAT-1, 6/18/2024 10:15:00AM, G. Foote / R. Shore

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Odor	ND	Odor Units	1.0	1.0	SM-2150B	ND		1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	06/21/24 10:00	06/21/24 10:00	TJV	MANUAL	1	B191841	No Prep

DCN = Data Continuation Number

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

Pace Sample ID: 2409923-05 | **Client Sample Name:** OW-7m, 6/18/2024 11:45:00AM, G. Foote / R. Shore

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Odor	ND	Odor Units	1.0	1.0	SM-2150B	ND		1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	06/21/24 10:00	06/21/24 10:00	TJV	MANUAL	1	B191841	No Prep

DCN = Data Continuation Number

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

Pace Sample ID: 2409923-06 | **Client Sample Name:** OW-7u, 6/19/2024 9:35:00AM, G. Foote / R. Shore

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Odor	ND	Odor Units	1.0	1.0	SM-2150B	ND		1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	06/21/24 10:00	06/21/24 10:00	TJV	MANUAL	1	B191841	No Prep

DCN = Data Continuation Number

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

Pace Sample ID: 2409923-07 | **Client Sample Name:** OW-10m, 6/19/2024 10:35:00AM, G. Foote / R. Shore

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Odor	ND	Odor Units	1.0	1.0	SM-2150B	ND		1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	06/21/24 10:00	06/21/24 10:00	TJV	MANUAL	1	B191841	No Prep

DCN = Data Continuation Number

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

Pace Sample ID: 2409923-08 | **Client Sample Name:** OW-10u, 6/19/2024 10:57:00AM, G. Foote / R. Shore

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Odor	ND	Odor Units	1.0	1.0	SM-2150B	ND		1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	06/25/24 11:00	06/25/24 11:00	TJV	MANUAL	1	B191988	No Prep

DCN = Data Continuation Number

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

Pace Sample ID: 2409923-09 | **Client Sample Name:** P-5, 6/19/2024 10:06:00AM, G. Foote / R. Shore

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Odor	ND	Odor Units	1.0	1.0	SM-2150B	ND		1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	06/25/24 11:00	06/25/24 11:00	TJV	MANUAL	1	B191988	No Prep

DCN = Data Continuation Number

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

Pace Sample ID: 2409923-10 | **Client Sample Name:** QCMW, 6/18/2024 12:00:00AM, G. Foote / R. Shore

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Odor	ND	Odor Units	1.0	1.0	SM-2150B	ND		1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	06/25/24 11:00	06/25/24 11:00	TJV	MANUAL	1	B191988	No Prep

DCN = Data Continuation Number

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B191841							
Odor	B191841-BLK1	ND	Odor Units	1.0	1.0		1
QC Batch ID: B191988							
Odor	B191988-BLK1	ND	Odor Units	1.0	1.0		2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B191841-BLK1	PB	SM-2150B	06/21/24	06/21/24 10:00	TJV	MANUAL	1
2	B191988-BLK1	PB	SM-2150B	06/25/24	06/25/24 11:00	TJV	MANUAL	1

TEAM Environmental - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 06/27/2024 14:08
Project: CG Roxane
Project Number: CGR - GMMRP
Project Manager: Naomi Garcia

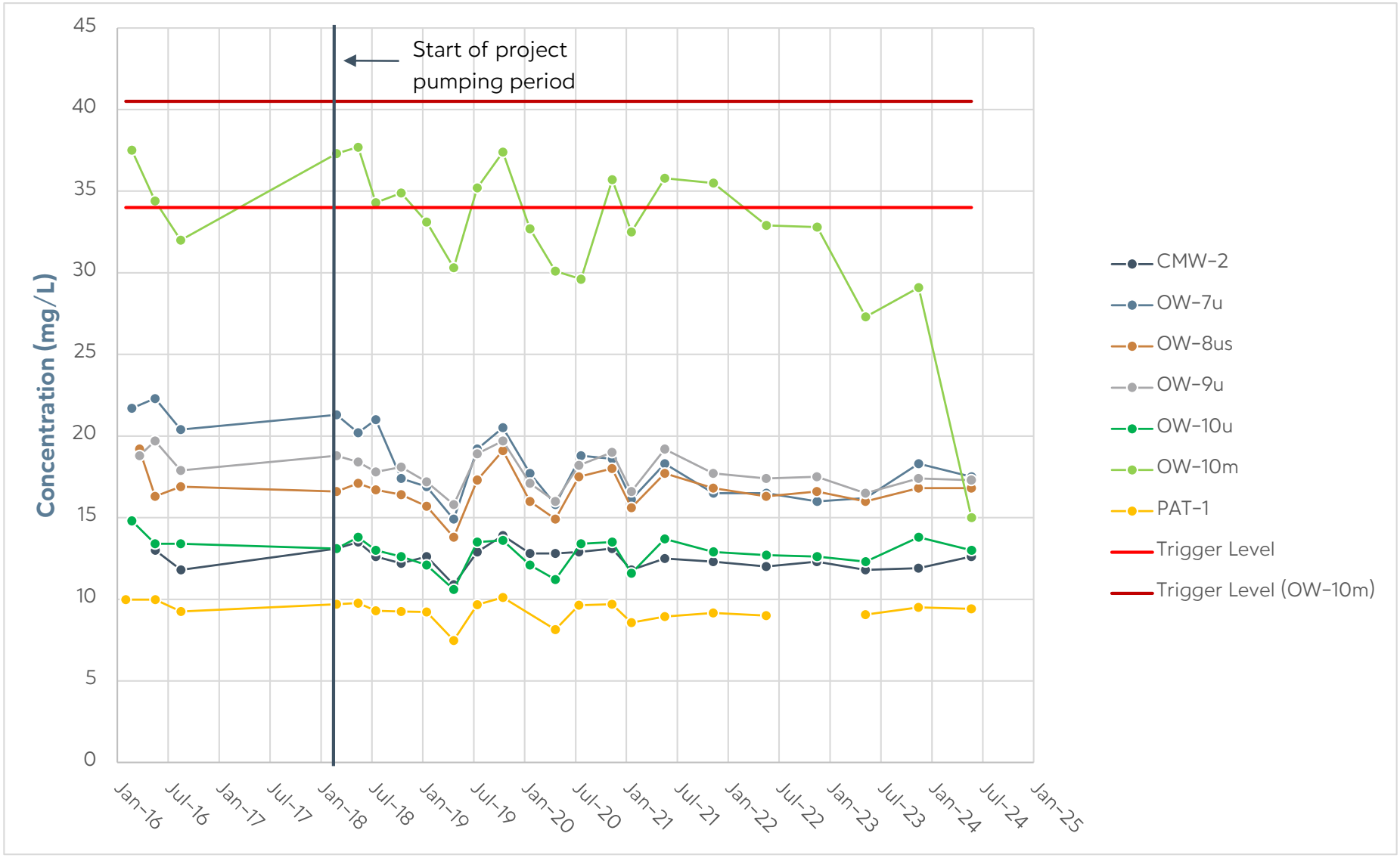
Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit

APPENDIX C

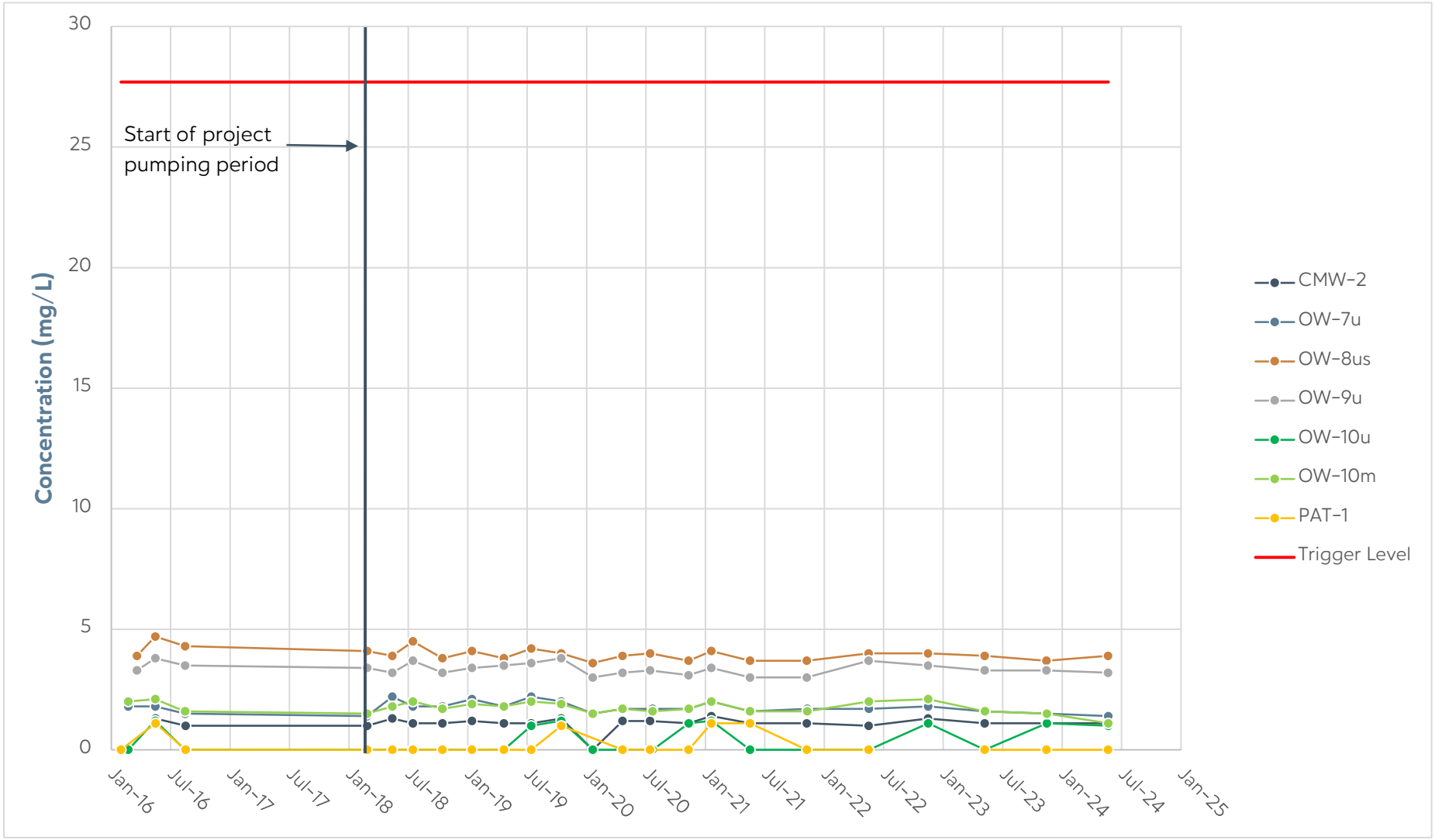
STATISTICAL ANALYSIS GRAPHS

SODIUM CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



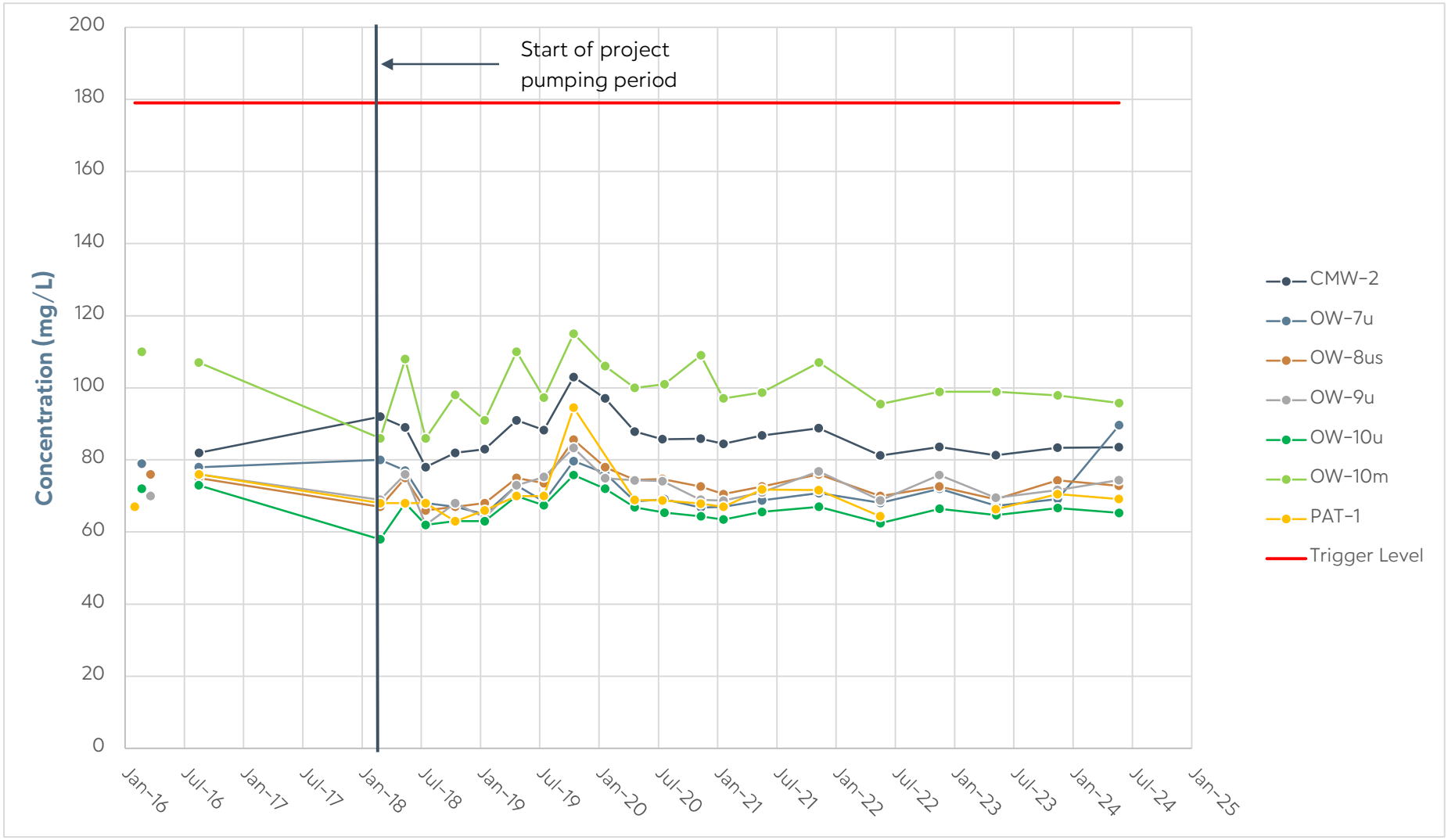
PAT-1 was not available for sampling during the December 2022 event.

CHLORIDE CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



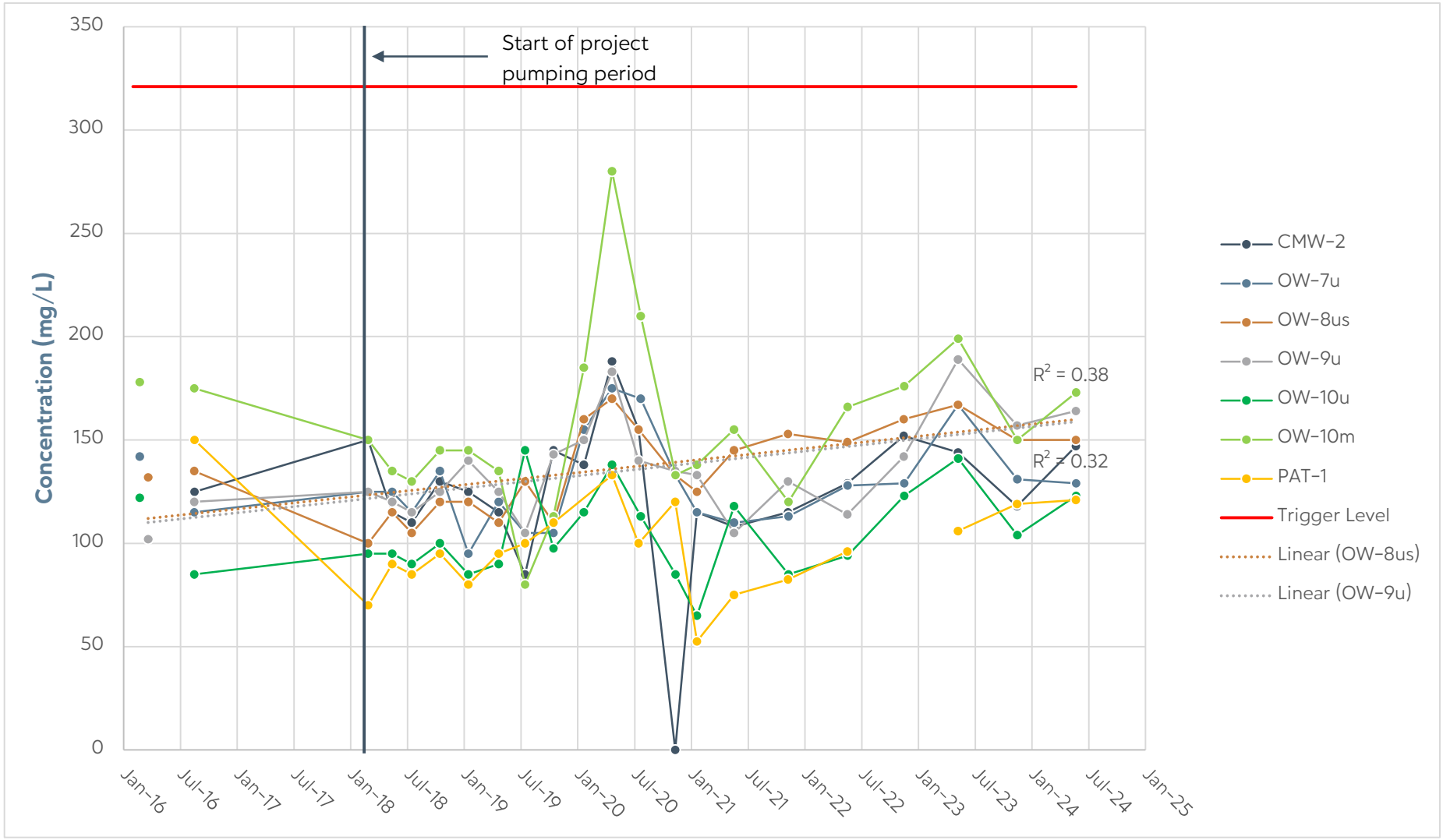
PAT-1 was not available for sampling during the December 2022 event.

BICARBONATE CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



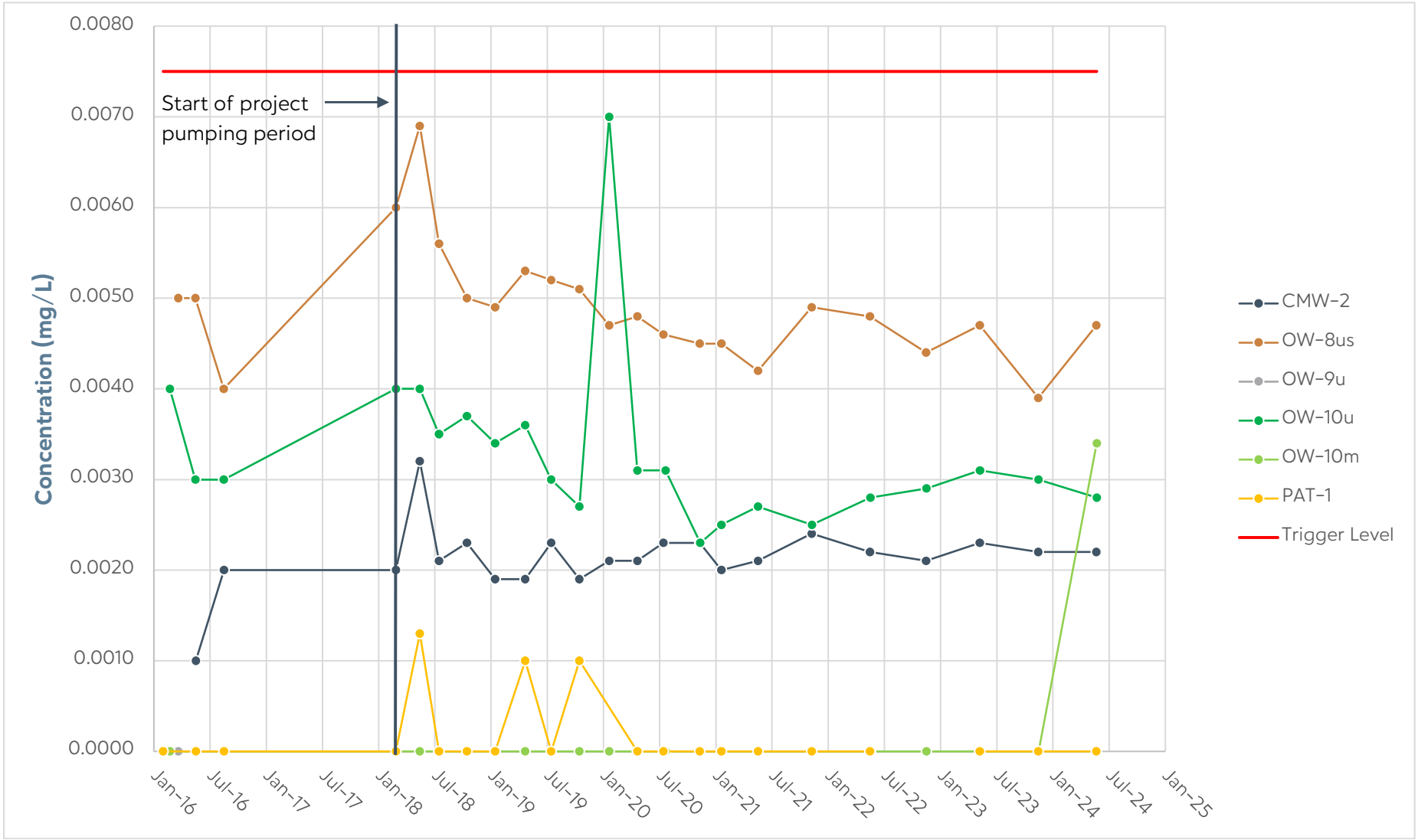
PAT-1 was not available for sampling during the December 2022 event.

TOTAL DISSOLVED SOLIDS CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



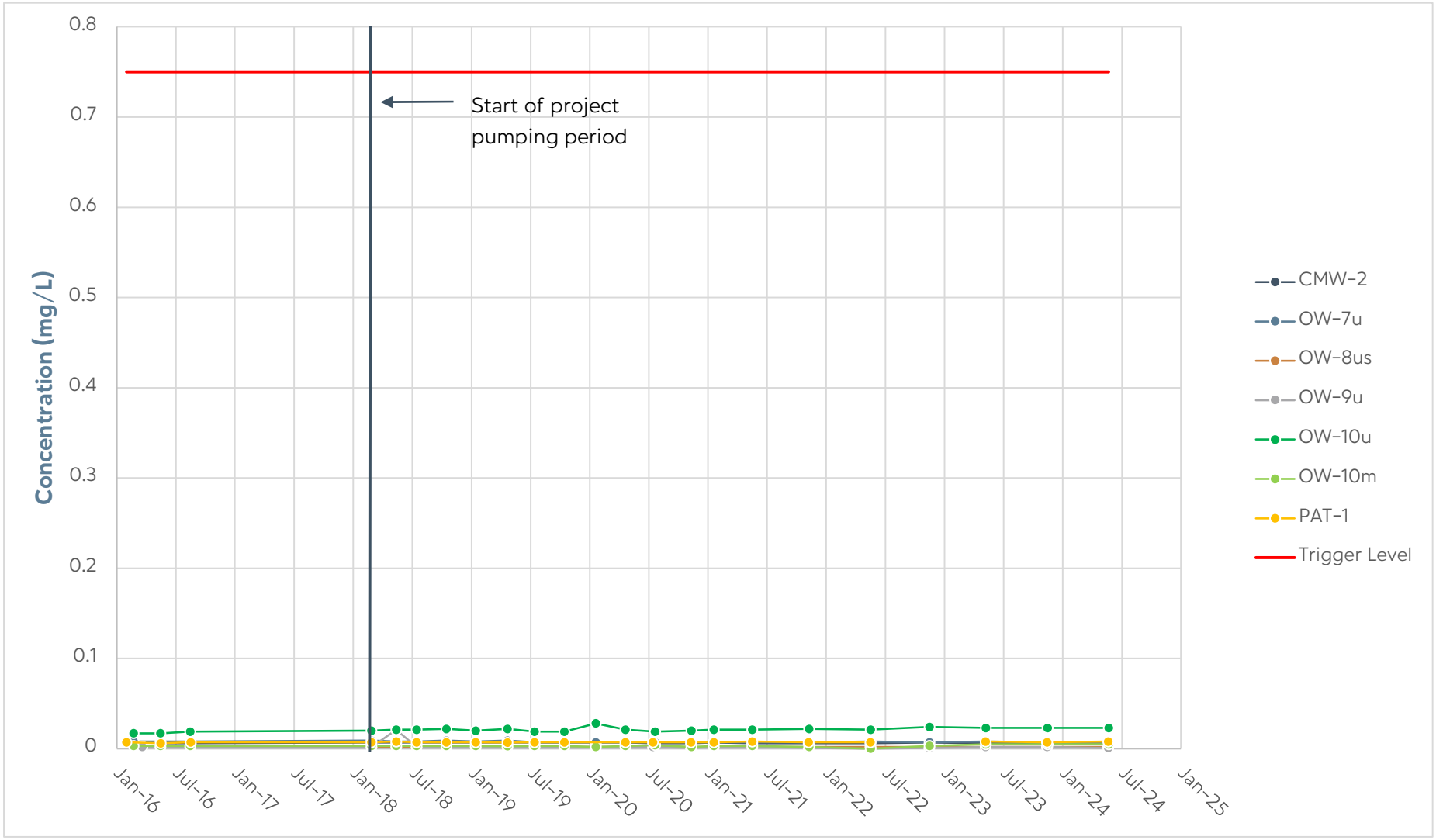
PAT-1 was not available for sampling during the December 2022 event.

ARSENIC CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



PAT-1 was not available for sampling during the December 2022 event.

BARIUM CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



PAT-1 was not available for sampling during the December 2022 event.