TEAM
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Dr. Aaron Steinwand
Inyo County Water Department
135 South Jackson Street
Independence, CA 93526

January 13, 2022

RE: Bi-Monthly Groundwater Monitoring per GMMRP, November to December 2021
Crystal Geyser Roxane, Cabin Bar Ranch, Inyo County, California

Dear Dr. Steinwand:

This letter summarizes hydrologic monitoring activities conducted in November and December 2021 by TEAM Engineering & Management, 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). 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. 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.

Water Level Monitoring

TEAM completed the December 2021 bi-monthly hydrologic data collection event at the GMMRP groundwater monitoring locations in the area of Cabin Bar Ranch (See Figure 2) on December 6, 2021. 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 adjustments to the GWE calculation (e.g. for riser height) are 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, PAT-1, OW-7u, OW-7m, OW-8us, OW-9u, OW-10u, OW-10m, RP-1 and SS-1A (see Figure 2). During the December 2021 monitoring event, water level or pressure measurements were collected from all fourteen of the measuring points defined in the GMMRP.

On December 6, 2021, a round of manual DTWs were collected by TEAM personnel, and the transducer data were downloaded for the period of October 12 to December 6, 2021. 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 December. 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 to

December 2021. The results of water quality analysis collected from GMMRP monitoring locations are summarized in Table 3.

Groundwater samples were collected from all ten (10) GMMRP monitoring points in December 2021. Wells CMW-2, PAT-1, OW-8us, and OW-9u were sampled on December 6, 2021, and wells MW-3, OW-7u, OW-7m, OW-10m, OW-10u, and P-5 were sampled on December 7, 2021. 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 Garden Grove, California, and BCLabs of Bakersfield, California. Eurofins Calscience and BCLabs 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 December 2021. Of these detections, only the arsenic concentrations identified in OW-7u and OW-7m (0.024 mg/L and 0.023 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-10m, OW-7u, OW-7m, OW-8us, OW-9u and P-5 were equipped with AquaTroll 200 transducers and were set to record Electrical Conductivity (eC) every 4 hours. Off-site wells CMW-2 and PAT-1 were also equipped with AquaTroll 200 transducers. 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 first annual project pumping total, from March 19, 2018 to March 14, 2019, was approximately 155 acre-feet. The second-annual project pumping total, from March 14, 2019 to March 18, 2020, was approximately 263 acre-feet. The third-annual project pumping total, from March 18, 2020 to March 18, 2021, was approximately 280 acre-feet. The current annual project pumping total, from March 18, 2021 to December 6, 2021, is approximately 192 acre-feet. The totalizer readings and a summary of 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 December 2021, nor during the project thus far.

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 December 2021 after the collection of quarterly 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 (0.14) and OW-9u (0.19) indicate weak positive correlations between the trendlines and the data. A projection of these three weakly correlated trendlines for three years after the last sample collection (through Deccember 2024) indicates that no exceedances of the respective trigger level 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 no positive correlation between the trendlines and the data and are considered statistically insignificant. No other potentially increasing trends were noted among the other water quality parameters at any of the trigger well locations. It should be noted that the accuracy of any trends is limited due to the small dataset and is subject to further analysis after the collection of additional data points or as directed by ICWD.

Operational Notes

A replacement transducer for well OW-7u was calibrated and installed on December 6, 2021. The transducer for well MW-3 malfunctioned and was removed from the well on December 6, 2021. The transducer has been shipped back to the manufacturer for repair or replacement and is expected to be reinstalled before the February 2022 monitoring event. Totalizer data was not collected by CGR during November 2021. Totalizer data from December 2021 was collected directly by TEAM. There were no other significant operational issues during the reporting period.

Anticipated Activities

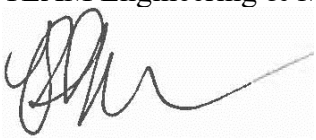
Bi-monthly reporting and semi-annual groundwater sampling will continue according to the requirements of the updated GMMRP. Collection of depth to water and download of transducer data is anticipated to be conducted in February 2022. In addition, totalizer reads from all three production wells (CGR-8, CGR-9 and CGR-10) will be collected in January by CGR and in February by TEAM. Collection of semi-annual water quality samples is anticipated to be conducted in June 2022.

* * * * * * *

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

Sincerely,

TEAM Engineering & Management, Inc.



Richard Shore
Project Geologist

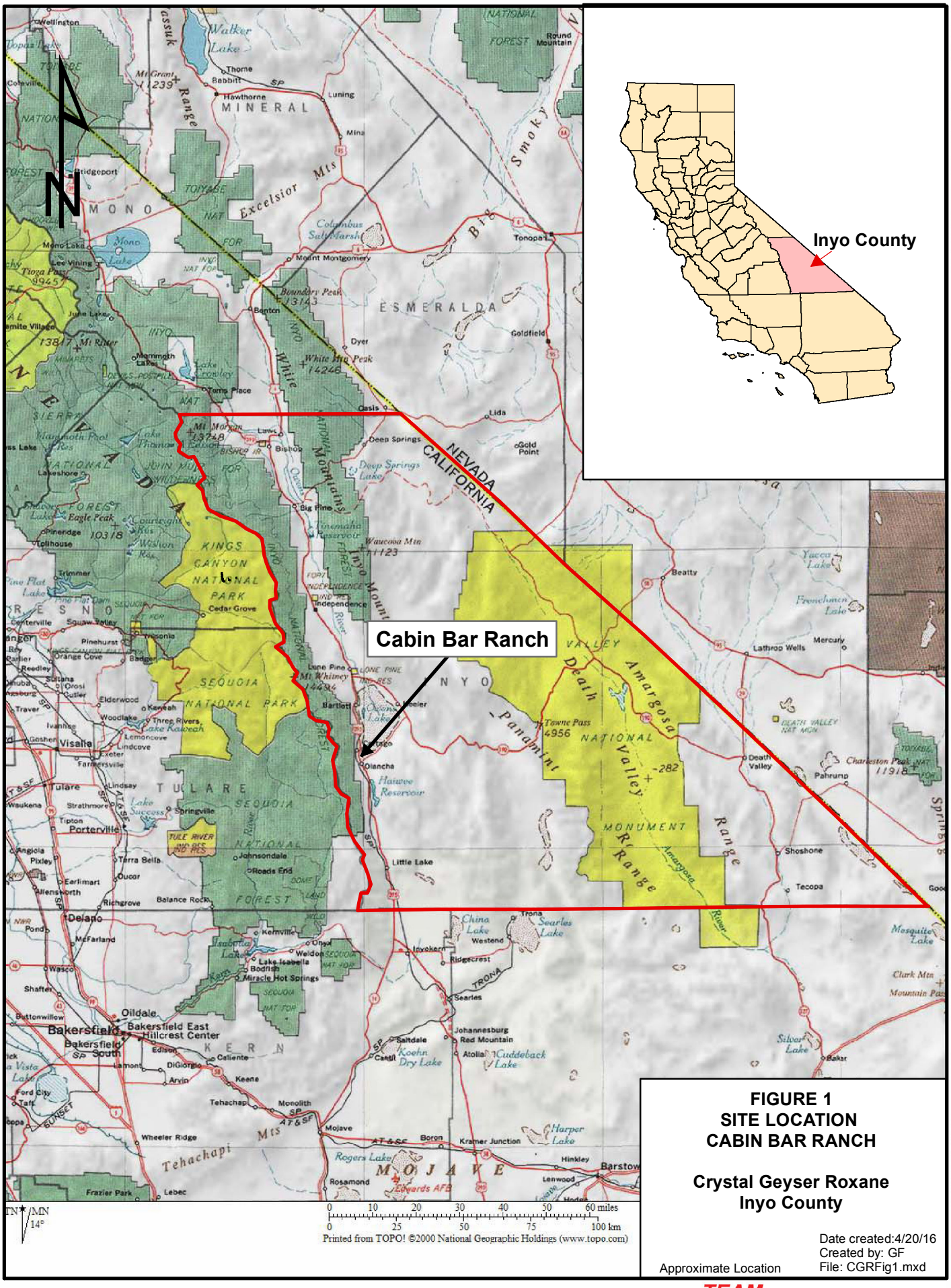


FIGURE 1
SITE LOCATION
CABIN BAR RANCH

Crystal Geyser Roxane
Inyo County

Date created:4/20/16
Created by: GF
File: CGRFig1.mxd

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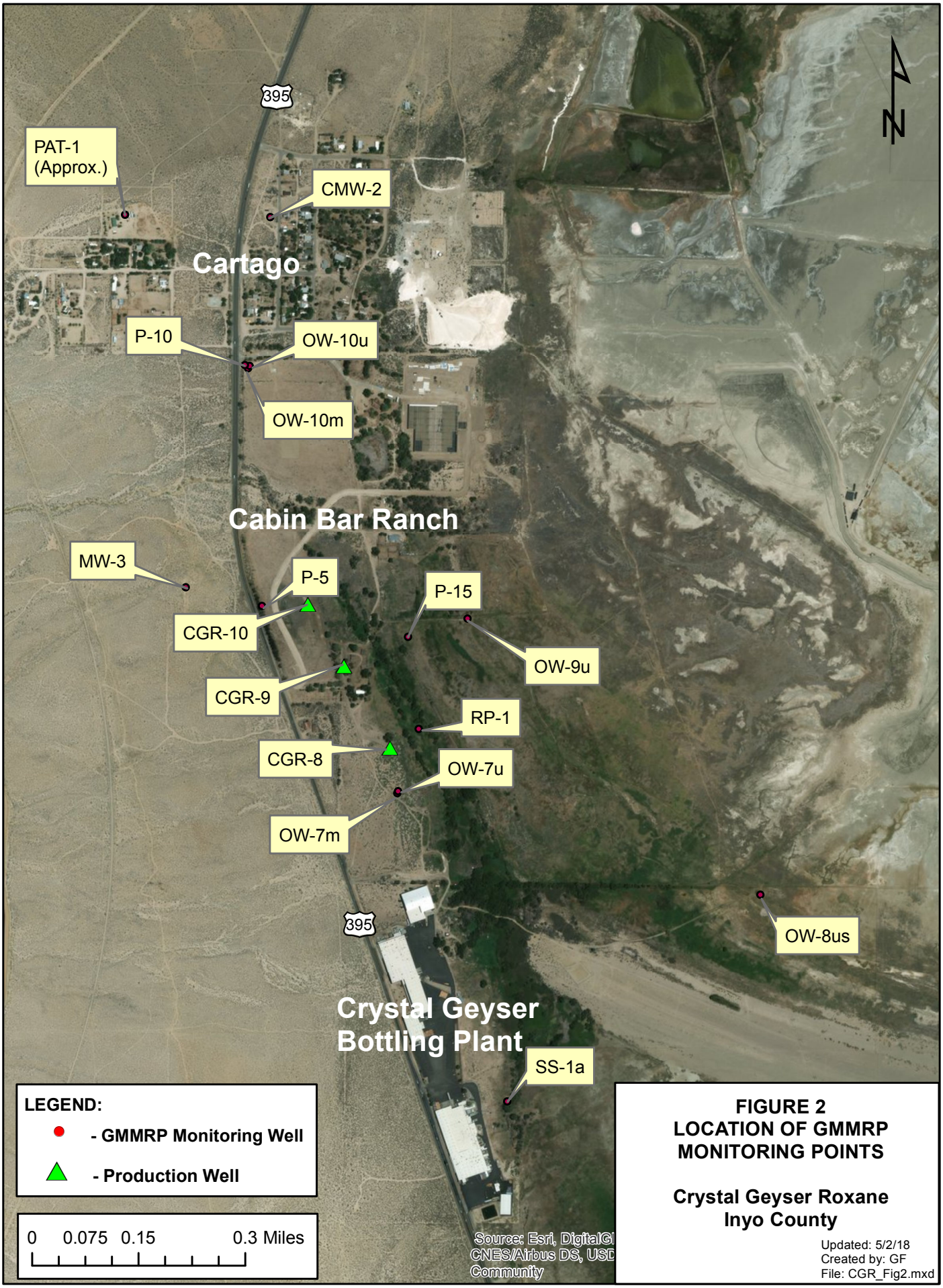

FIGURE 2
LOCATION OF GMMRP MONITORING POINTS

Crystal Geyser Roxane
Inyo County

Updated: 5/2/18
Created by: GF
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TABLE 1: SUMMARY OF GROUNDWATER MONITORING PROGRAM

Monitoring Area	Well #	Monitored Zone	Pressure Transducer Installed (Y/N)	Depth of Well Screen Interval (ft) (2)	Monthly Water Level Monitoring	Quarterly Groundwater Quality Monitoring	Trigger Level (drawdown in ft btoc)	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	Y	4-9	X	-	DTW>5.4 (1)	Monitor wetland area east of production wells.
	SS-1A	Shallow	Y	~5 – 15a	X	-	-	
	RP-1	Shallow	Y	~7.5 -8.5	X	-	-	

Explanation:

Y/N: Yes/No
X: Designated for monitoring per table heading.
ft.: feet
ft btoc: feet below top of casing
- : Not Required by GMMRP

Notes:

1: Proposed trigger level for P-15 is water level below 5.4 feet for any continuous 12-month period
2: Well information as provided by Geosyntec to TEAM in March 2015.

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

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

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

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

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*

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*

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

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

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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

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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

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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

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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

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

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 (SSW-1)	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

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 OW-9u and OW-8us, calculated based on manual pressure readings and are 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

	Date Collected:	pH (field)	Electric Conductivity (field)	Temperature (field)	Turbidity (field)	Total Dissolved Solids (field)	Odor (lab)	Specific Conductance (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**																
Units:		pH units	µS/cm	deg C	NTU	mg/L	odor units	umhos/cm	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
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	NA	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	NA	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	0.001	ND	ND	ND	ND	ND	ND
	03/27/18	6.4	214	15.2	11.1	139	ND	NA	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	NA	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	NA	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	NA	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	NA	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	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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
MW-3	03/23/16	8.8	124	17.7	40.1	80	ND	140	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	NA	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	NA	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	NA	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	NA	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	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	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	NA	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	NA	4.03	6.35	ND	26.6	1.7	ND	8.60	77.4	133	ND	ND	0.004	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND
	05/19/20	6.9	149	18.8	30.8	97	1.0	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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
OW-7u	03/23/16	8.1	172	19.1	7.6	112	ND	200	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	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	NA	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	NA	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	NA	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	NA	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	NA	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	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	NA	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	NA	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	NA	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	NA	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

TEAM
ENGINEERING & MANAGEMENT, INC.
Bishop and Mammoth Lakes, California

TABLE 3
WATER QUALITY DATA
Cabin Bar Ranch GMMRP Monitoring Points

	Date Collected:	pH (field)	Electric Conductivity (field)	Temperature (field)	Turbidity (field)	Total Dissolved Solids (field)	Odor (lab)	Specific Conductance (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**																	
Units:		pH units	µs/cm	deg C	NTU	mg/L	odor units	umhos/cm	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
OW-7m	03/23/16	7.8	191	16.7	0.0	125	ND	220	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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
OW-8us	04/19/16	7.8	191	16.7	0.0	125	2	190	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	NA	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	NA	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	0.002	ND	0.002	ND	ND	ND	ND
	09/14/16	9.3	199	14.4	0.0	129	2	NA	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	0.002	ND	ND	ND	ND	ND	ND
	03/27/18	6.8	197	12.8	0.0	128	>200	NA	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	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	NA	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	0.002	0.004	ND	ND	ND	ND	0.018
	08/14/18	8.1	193	17.7	0.0	125	>200	NA	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	0.002	ND	ND	ND	ND	ND	0.017
	11/13/18	7.5	193	12.7	2.5	125	>200	NA	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	0.002	ND	ND	ND	ND	ND	ND
	02/12/19	6.9	189	12.4	23.5	123	>200	NA	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	0.002	ND	ND	ND	ND	ND	0.210
	05/21/19	7.4	192	15.0	1.2	125	>200	NA	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	0.002	ND	ND	ND	ND	ND	ND
	08/13/19	7.1	182	17.9	2.1	118	>200	NA	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	0.004	ND	ND	ND	ND	ND	ND
	11/13/19	6.9	193	14.3	0.0	126	>200	NA	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	0.002	ND	ND	ND	ND	ND	ND
	02/18/20	NA	NA	NA	NA	NA	40	NA	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	0.002	ND	ND	ND	ND	ND	ND
	05/19/20	6.9	180	15.6	0.0	117	>200	NA	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	0.002	ND	ND	ND	ND	ND	ND
	08/12/20	7.9	184	20.5	0.2	120	>200	NA	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	0.003	ND	0.002	ND	ND	ND	ND	ND	0.006
	12/08/20	8.2	188	16.8	0.0	125	40	NA	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	0.002	ND	ND	ND	ND	ND	ND
	02/16/21	7.5	183	15.0	0.0	119	40	NA	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	0.002	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	06/15/21	7.6	178	17.5	0.0	116	20	NA	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	0.002	ND	0.002	ND	ND	ND	ND
	12/06/21	8.2	182	15.4	0.5	118	100	NA	0.1	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	0.002	ND	ND	ND	ND	ND	ND
OW-9u	04/19/16	9.4	202	14.4	0.0	131	2	190	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	0.005	ND	ND	ND	ND	ND	0.018
	06/14/16	9.3	207	13.6	13.2	135	ND	NA	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	0.004	ND	ND	ND	ND	ND	0.008
	09/14/16	9.2	203	15.5	1.8	132	2	NA	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	0.004	ND	ND	ND	ND	ND	0.012
	03/27/18	6.9	208	13.4	5.1	135	100	NA	0.09	10.6	1.10	18.8	3.4	11	8.47	69.0	125	ND	ND	0.002	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	NA	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	0.003	0.008	ND	ND	ND	0.001	0.013
	08/14/18	8.3	202	19.1	0.0	131	>200	NA	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	0.005	ND	ND	ND	ND	ND	0.025
	11/13/18	7.7	202	11.7	0.0	131	40	NA	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	0.005	ND	ND	ND	ND	ND	0.008
	02/12/19	7.6	194	12.8	11.4	126	20	NA	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	0.005	ND	ND	ND	ND	ND	0.009
	05/21/19	7.4	197	14.9	1.2	128	20	NA	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	0.005	ND	ND	ND	ND	ND	ND
	08/13/19	7.3	189	18.7	1.6	123	NA	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	0.005	ND	ND	ND	ND	ND	ND
	11/13/19	7.1	202	14.2	2.7	131	ND	NA	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	0.004	ND	ND	ND	ND	ND	ND
	02/18/20	NA	NA	NA	NA	NA	20	NA	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	0.004	ND	ND	ND	ND	ND	ND
	05/19/20	6.8	229	15.3	0.0	149	20	NA	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	0.004	ND	ND	ND	ND	ND	ND
	08/12/20	8.7	195	24.8	0.0	127	20	NA	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	0.005	ND	ND	ND	ND	ND	ND
	12/08/20	8.8	205	17.0	0.0	132	20	NA	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	0.004	ND	ND	ND	ND	ND	ND
	02/16/21	8.3	181	14.1	0.0	117	1.0	NA	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	0.004	ND	ND	ND	ND	ND	ND
	06/15/21	7.7	179	18.9	0.0	117	ND	NA	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	0.005	ND	ND	ND	ND	ND	ND
	12/06/21	8.4	186	16.0	0.0	121	20.0	NA	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	0.004	ND	ND	ND	ND	ND	ND

TEAM
ENGINEERING & MANAGEMENT, INC.
Bishop and Mammoth Lakes, California

TABLE 3
WATER QUALITY DATA
Cabin Bar Ranch GMMRP Monitoring Points

	Date Collected:	Field Parameters					Lab Parameters											Total Metals																	
		pH (field)	Electric Conductivity (field)	Temperature (field)	Turbidity (field)	Total Dissolved Solids (field)	Odor (lab)	Specific Conductance (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
Units:		pH units	µs/cm	deg C	NTU	mg/L	odor units	umhos/cm	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	mg/L
OW-10u	03/23/16	8.0	206	12.6	0.0	134	ND	160	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	NA	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	NA	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	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	NA	NA
	06/12/18	7.0	163	17.9	0.0	108	ND	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	1.35	14.1	1.83	13.5	1.1	4.6	7.60	64.4	85.0	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	NA	1.55	13.0	1.81	11.6	1.2	5.3	7.50	63.5	65.0	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	NA	1.66	14.5	1.99	13.3	ND	5.0	7.70	65.7	95.0	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	NA	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	NA	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
OW-10m	03/23/16	6.9	136	16.9	14.1	89	ND	230	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	0.60	5.54	0.603	35.5	1.6	ND	8.40	107.0	120	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015
P-5	03/23/16	7.0	107	17.9	4.6	70	ND	120	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	30.4	10.80	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	NA	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	NA	4.08	9.40	1.30	12.8	1.1	2.9	7.50	54.2	65.0	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	NA	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	NA	3.50	10.60	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	NA	1.40	10.2	1.44	13.4	ND	3.3	7.50	57.4	70.0	ND	ND	0.022	ND	ND	ND	ND	ND	0.006	ND	0.003	ND	ND	ND	ND	0.002	0.392

TEAM
ENGINEERING & MANAGEMENT, INC.
Bishop and Mammoth Lakes, California

TABLE 3
WATER QUALITY DATA
Cabin Bar Ranch GMMRP Monitoring Points

	Date Collected:	pH (field)	Electric Conductivity (field)	Temperature (field)	Turbidity (field)	Total Dissolved Solids (field)	Odor (lab)	Specific Conductance (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**																	
Units:		pH units	µs/cm	deg C	NTU	mg/L	odor units	umhos/cm	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
PAT-1	03/01/16	NA	NA	NA	NA	NA	ND	190	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NA	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	NS
	05/19/20	6.5	140	17.6	0.0	91	ND	NA	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	NA	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	NA	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	NA	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	NA	ND	16.7	1.41	8.93	1.1	3.2	8.10	71.8	75.0	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	NA	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
Detection Limit	-	-	-	-	-	-	1.0	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	0.001	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.

TEAM
ENGINEERING & MANAGEMENT, INC.
Bishop and Mammoth Lakes, California

TABLE 4
SUMMARY OF GROUNDWATER ELEVATION AND TRIGGER LEVELS
Cabin Bar Ranch GMMRP Monitoring Points
December 2021

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	12/06/21	3616.08	2.05	-6.0	NO
	OW-10u	3616.86	12/06/21	3618.89	2.03	-6.0	NO
	OW-10m	3617.66	12/06/21	3620.22	2.56	-6.0	NO
Southern	OW-7u	3611.87	12/06/21	3614.14	2.27	-10.0	NO
	OW-7m	3620.70	12/06/21	3624.62	3.92	-10.0	NO
Eastern	OW-9u	3607.03	12/06/21	3608.90	1.87	-7.0	NO
Vegetation	P-15	N/A	12/06/21	3602.00	DTW = 3.86 [4]	DTW > 5.4 [4]	NO

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 (DTW) greater than 5.4 feet below top of casing in any continuous 12-month period. If exceeded, duration of exceedance is indicated in parentheses.

TABLE 5
SUMMARY OF WATER QUALITY DATA AND TRIGGER LEVELS
Cabin Bar Ranch GMMRP Monitoring Points

	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/CaCO3/TDS/As/Ba)
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	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		0.0023		0.007		No	-
	08/13/19	12.9		1.1		88.3		85		0.0023		0.007		No	-
	11/13/19	13.9	34.0	1.3	27.7	103.0	179	145	321	0.0019	0.0075	0.007	0.75	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		1.2		85.8		155		0.0023		0.006		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	-
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	34.0	2.0	27.7	79.7	179	105	321	0.0271	NA	0.007	0.75	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		1.7		69.1		170		0.0258		0.007		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	-
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	34.0	4.0	27.7	85.6	179	110	321	0.0051	0.0075	0.002	0.75	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		4.0		74.7		155		0.0046		0.002		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	-
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	34.0	3.8	27.7	83.3	179	143	321	ND	0.0075	0.002	0.75	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		3.3		74.1		140		ND		0.002		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	-
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	34.0	1.2	27.7	75.8	179	97.5	321	0.0027	0.0075	0.019	0.75	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		ND		65.4		113		0.0031		0.019		No	-
	12/09/20	13.5		1.1		64.4		85.0		0.0023		0.020		No	-
	02/16/21	11.6		1.2		63.5		65.0		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	-
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	40.5	1.9	27.7	115.0	179	113	321	ND	0.0075	0.003	0.75	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		1.6		101.0		210		ND		0.004		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	-
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	34.0	1.0	27.7	94.5	179	110	321	0.0010	0.0075	0.007	0.75	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		ND		68.8		100		ND		0.007		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		75.0		ND		0.008		No	-
	12/06/21	9.16		ND		71.6		82.5		ND		0.007		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, $CaCO_3$, 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
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 (as of 12/06/21)	5,287,341	28,334,198	28,664,246	62,285,785	191.15

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

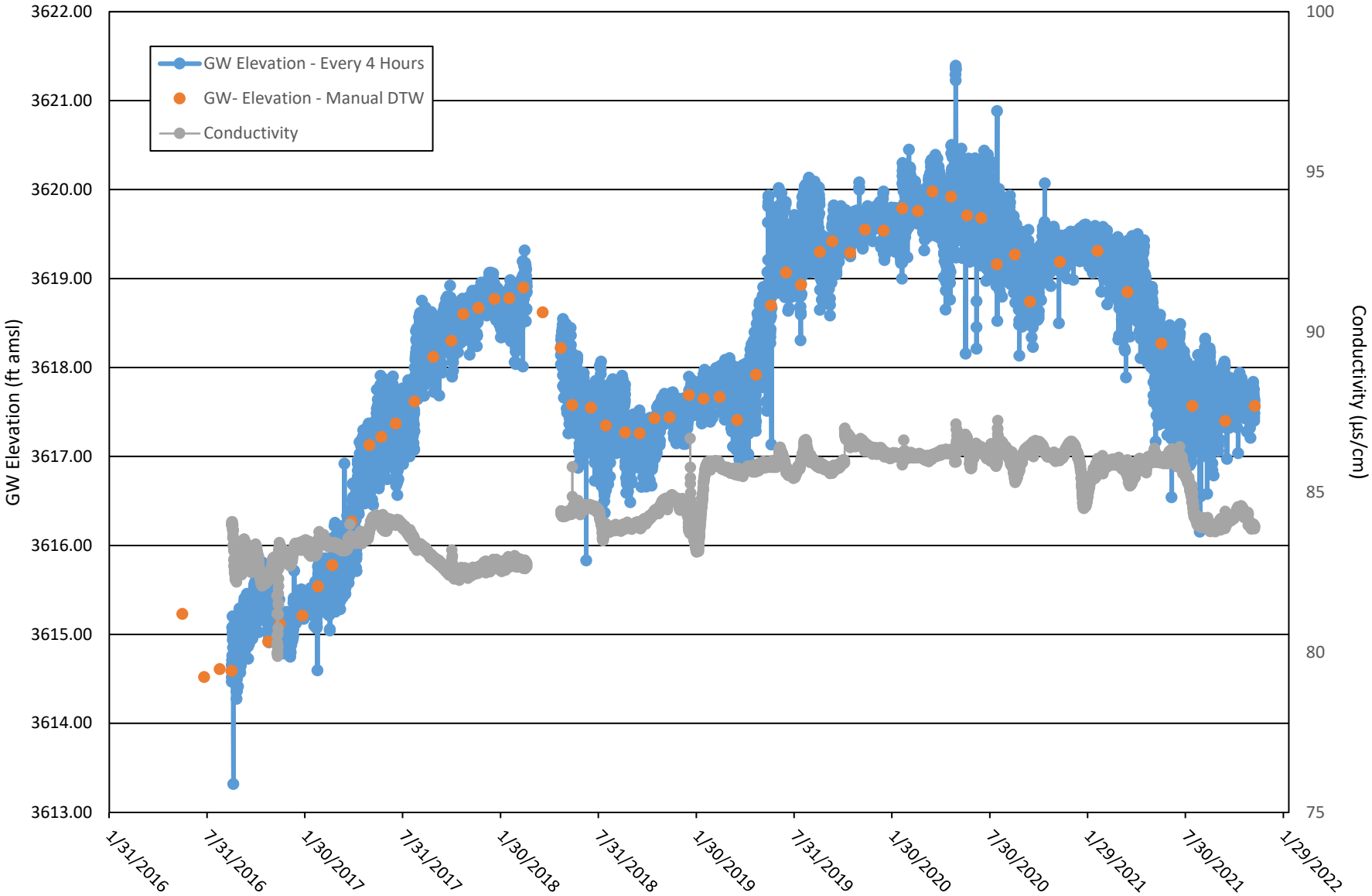
2) Totals given reflect volumes pumped since project commencement on March 19, 2018 for individual production wells (CGR-8, 9, and 10) and combined project totals.

ATTACHMENT A

TRANSDUCER DATA –

GROUNDWATER HYDROGRAPHS AND CONDUCTIVITY

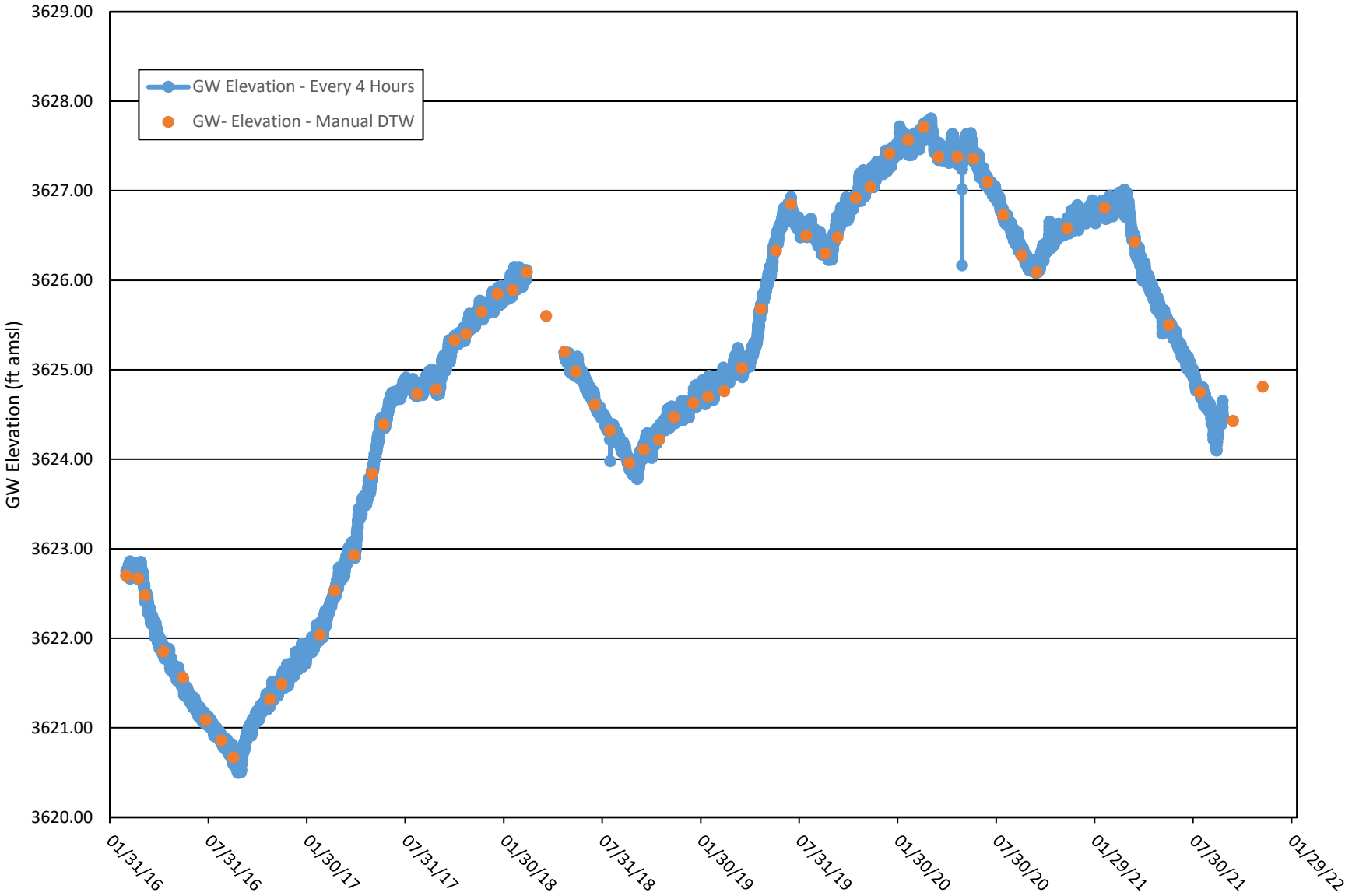
GROUNDWATER ELEVATION DATA - Transducer
CMW-2 - Cabin Bar Ranch GMMRP



Note: Transducer data from AquaTroll 200 correlated to Manual DTW.
Transducer was found to be faulty on April 18, 2018 and replaced on May 22, 2018.

TEAM
ENGINEERING & MANAGEMENT, INC.

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



Note: Transducer data from LevelTroll 500 correlated to Manual DTW.
Transducer was found to be faulty on March 13, 2018 and was replaced on May 22, 2018.
Data gap starting in October 2021 due to transducer failure.

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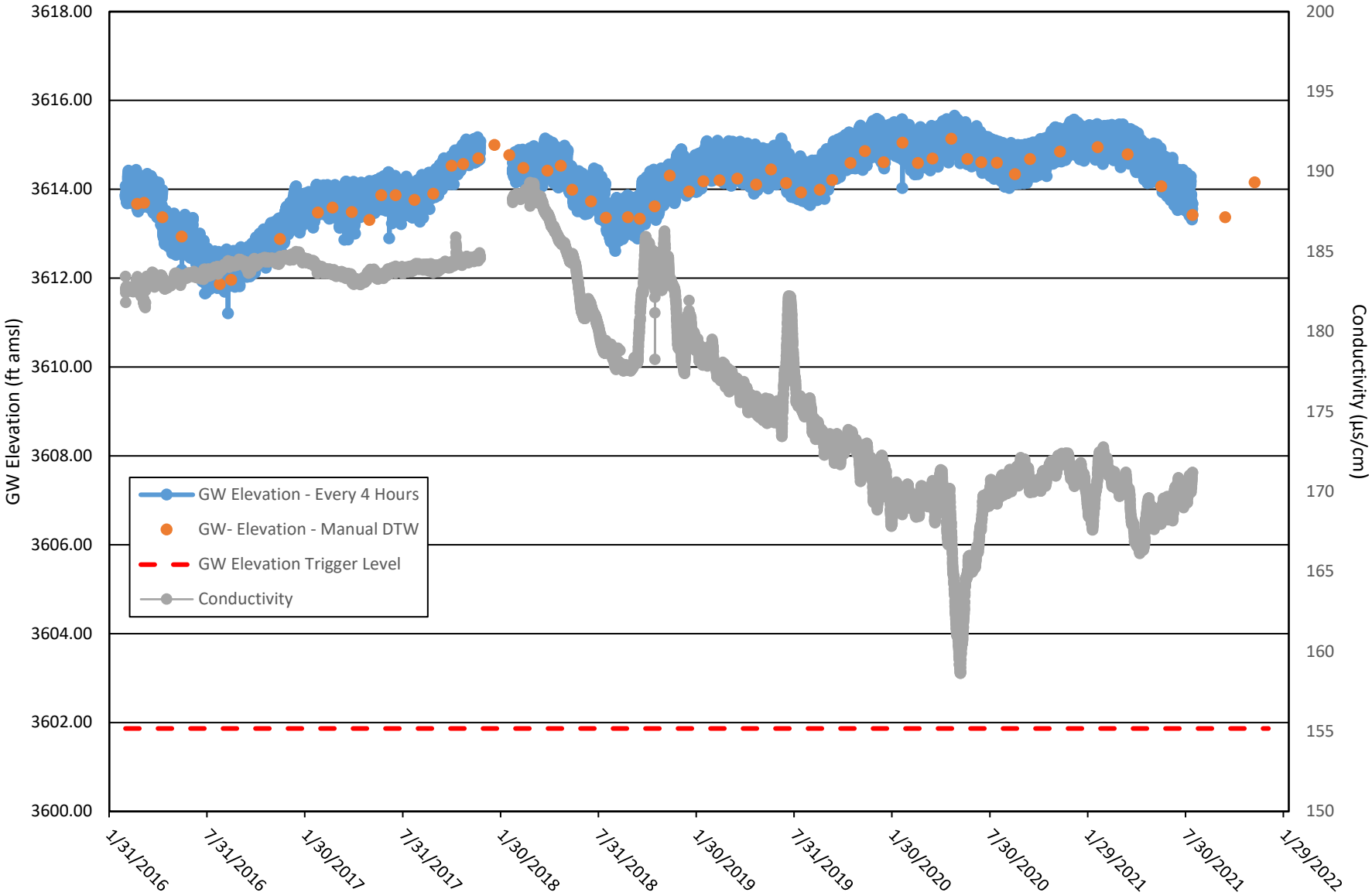
GROUNDWATER ELEVATION DATA - Transducer
OW-7u - Cabin Bar Ranch GMMRP



Note: Transducer data from AquaTroll 200 correlated to Manual DTW.
Data gap from December 2017 to February 2018 and August 2021 to December 2021 due to trandsucer malfunction.
February 2018 to August 2018 data corrected from previous reports.

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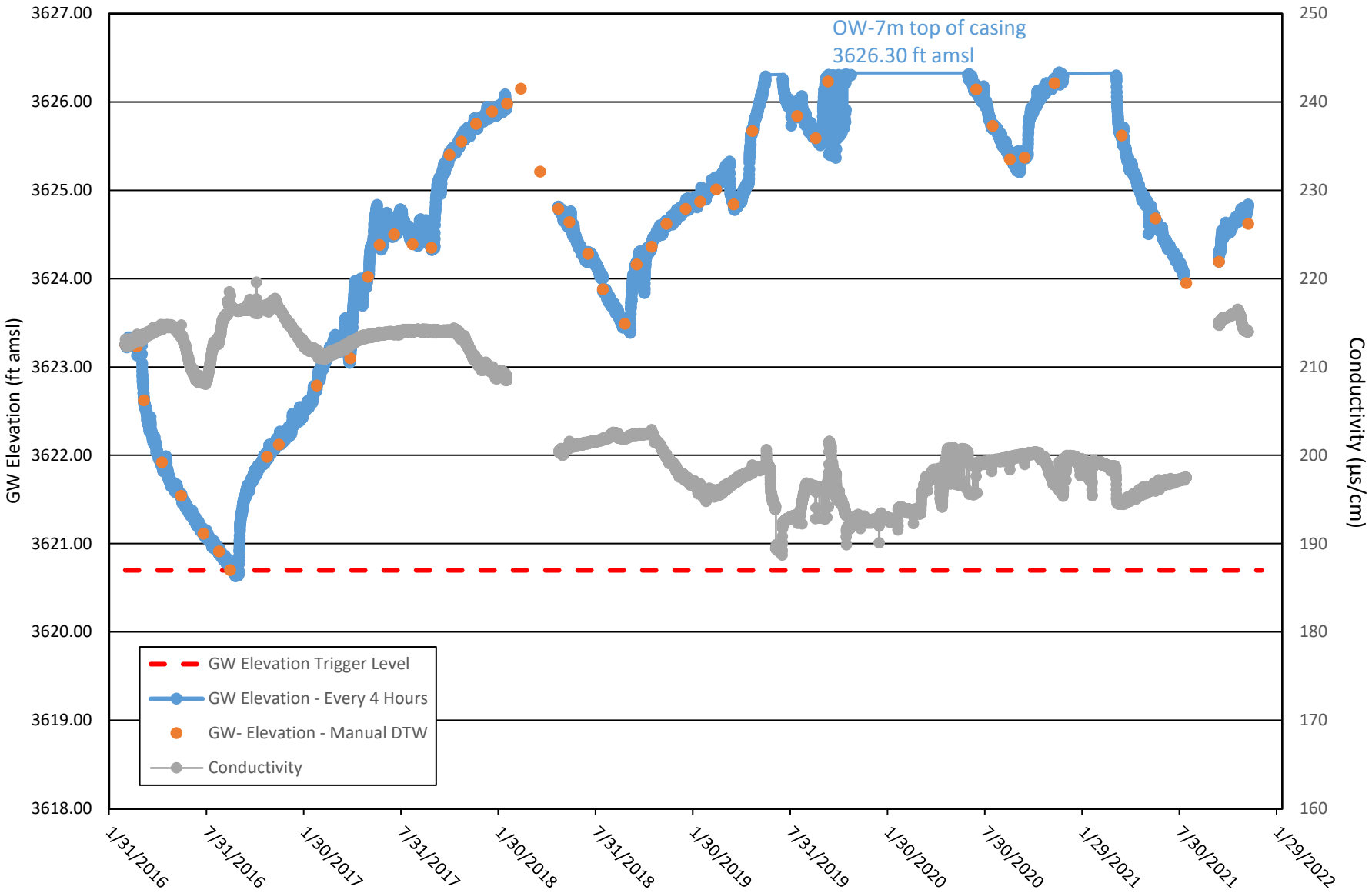
GROUNDWATER ELEVATION DATA - Transducer
OW-7m - Cabin Bar Ranch GMMRP



Note: Transducer data from AquaTroll 200 correlated to Manual DTW.
Data gap from Feb to May 2018 and Aug to Oct 2021 due to transducer malfunction.
No manual GWE was collected from 07 to 08/19, 11/19 to 06/20, or 02/21 due to artesian conditions.

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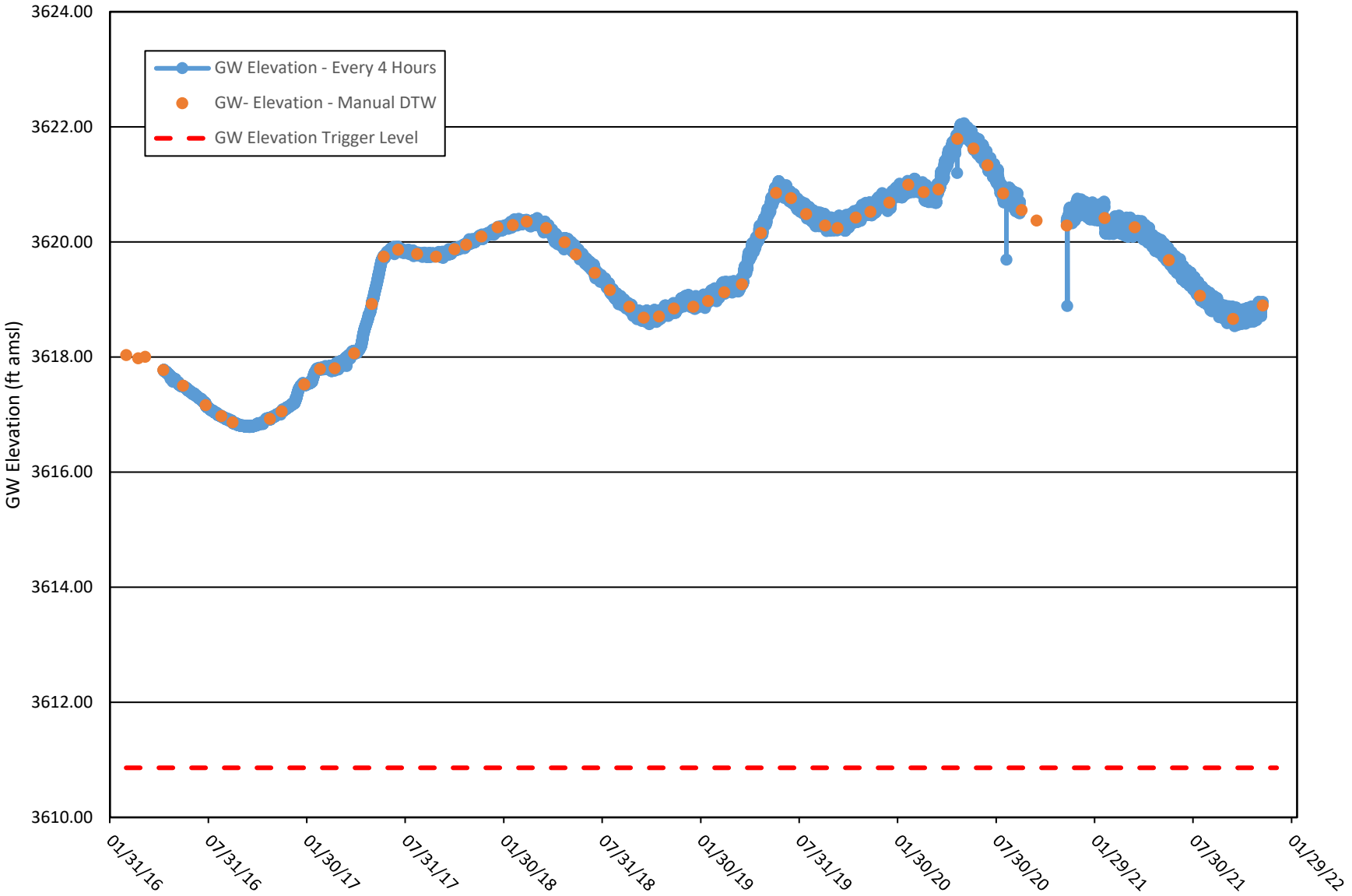
GROUNDWATER ELEVATION DATA - Transducer
OW-10u - Cabin Bar Ranch GMMRP



Note: Transducer data from LevelTroll 500 correlated to Manual DTW.
Original transducer was found to be faulty and was replaced on May 9, 2016.
Data gap from 08/20 to 12/20 due to transducer malfunction.

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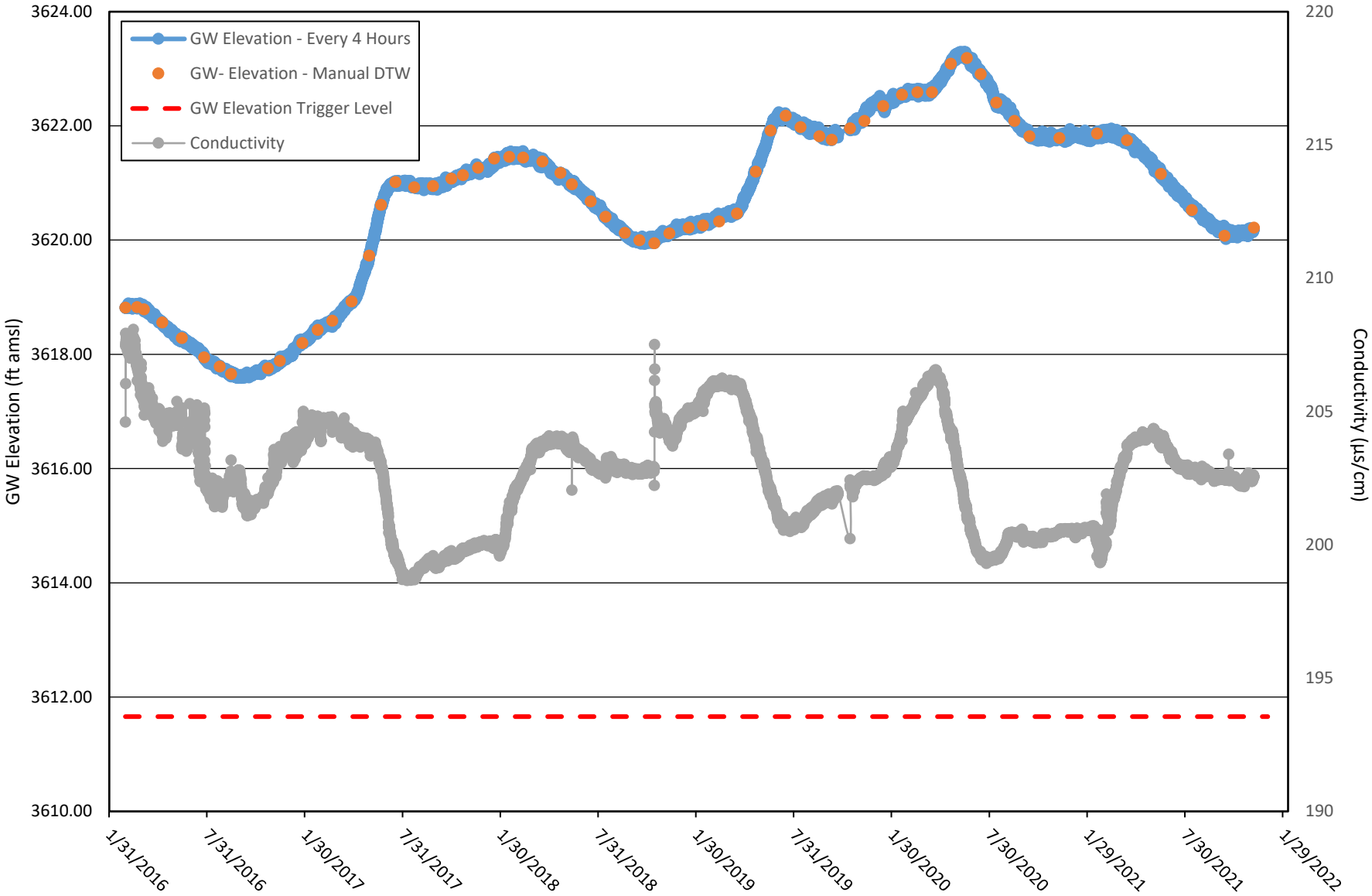
GROUNDWATER ELEVATION DATA - Transducer
OW-10m - Cabin Bar Ranch GMMRP



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

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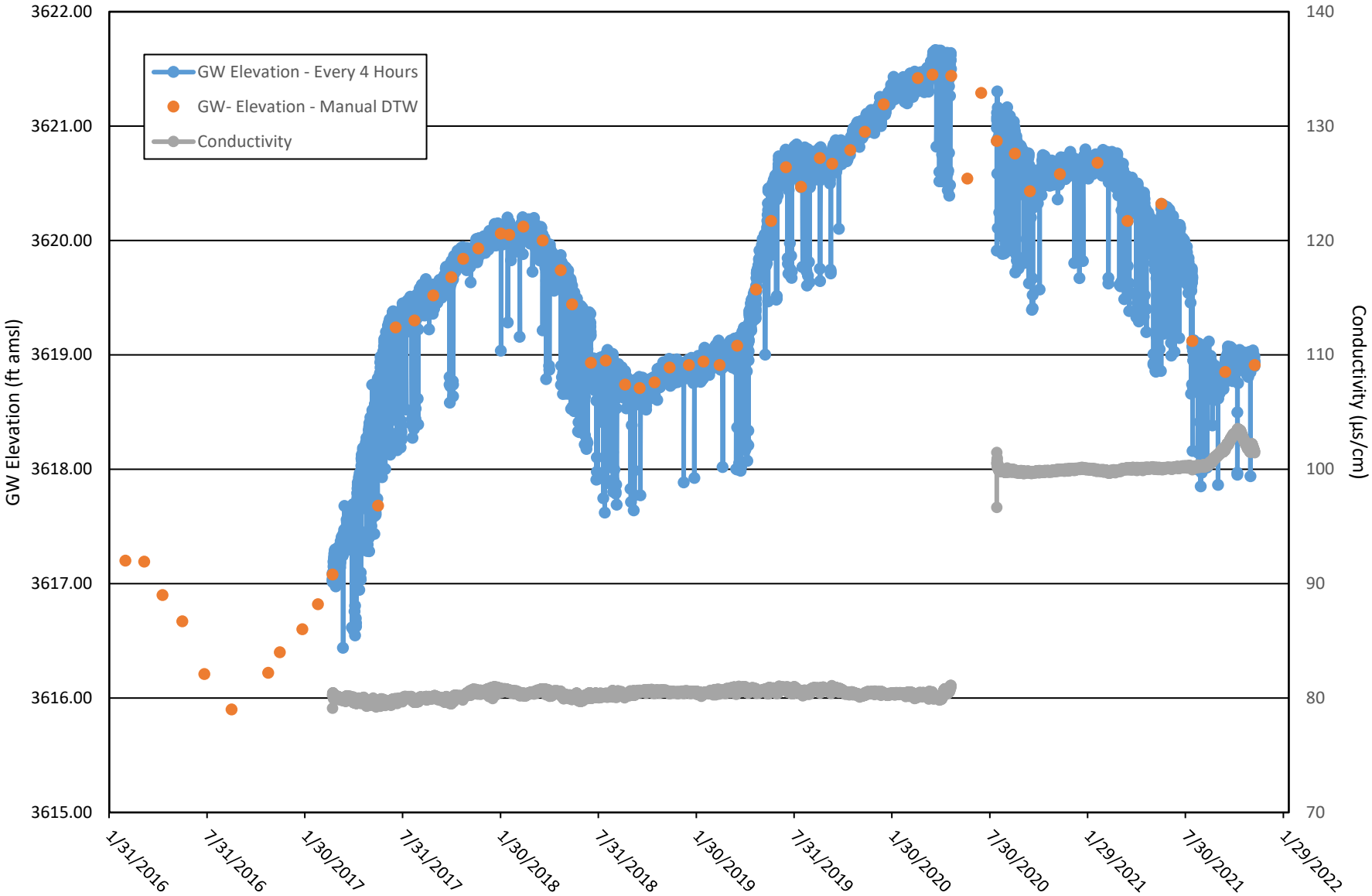
GROUNDWATER ELEVATION DATA - Transducer
PAT-1 - Cabin Bar Ranch GMMRP



Note: Transducer data from AquaTroll 200 correlated to Manual DTW.
No manual GWE collected in February 2020 due to absent property owner.
Data gap from 06/20 to 08/20 due to transducer failure.

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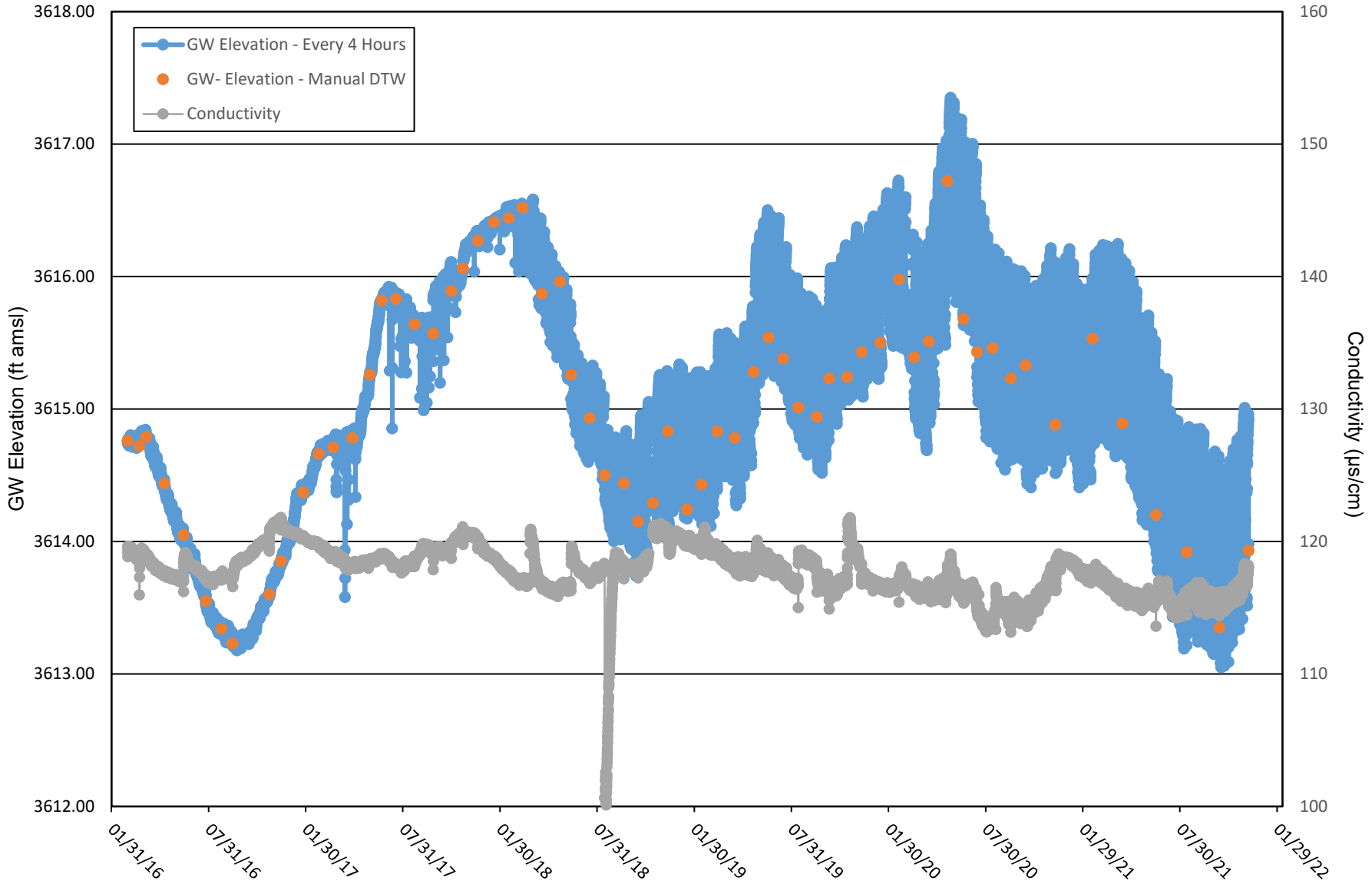
GROUNDWATER ELEVATION DATA - Transducer
P-5 - Cabin Bar Ranch GMMRP



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

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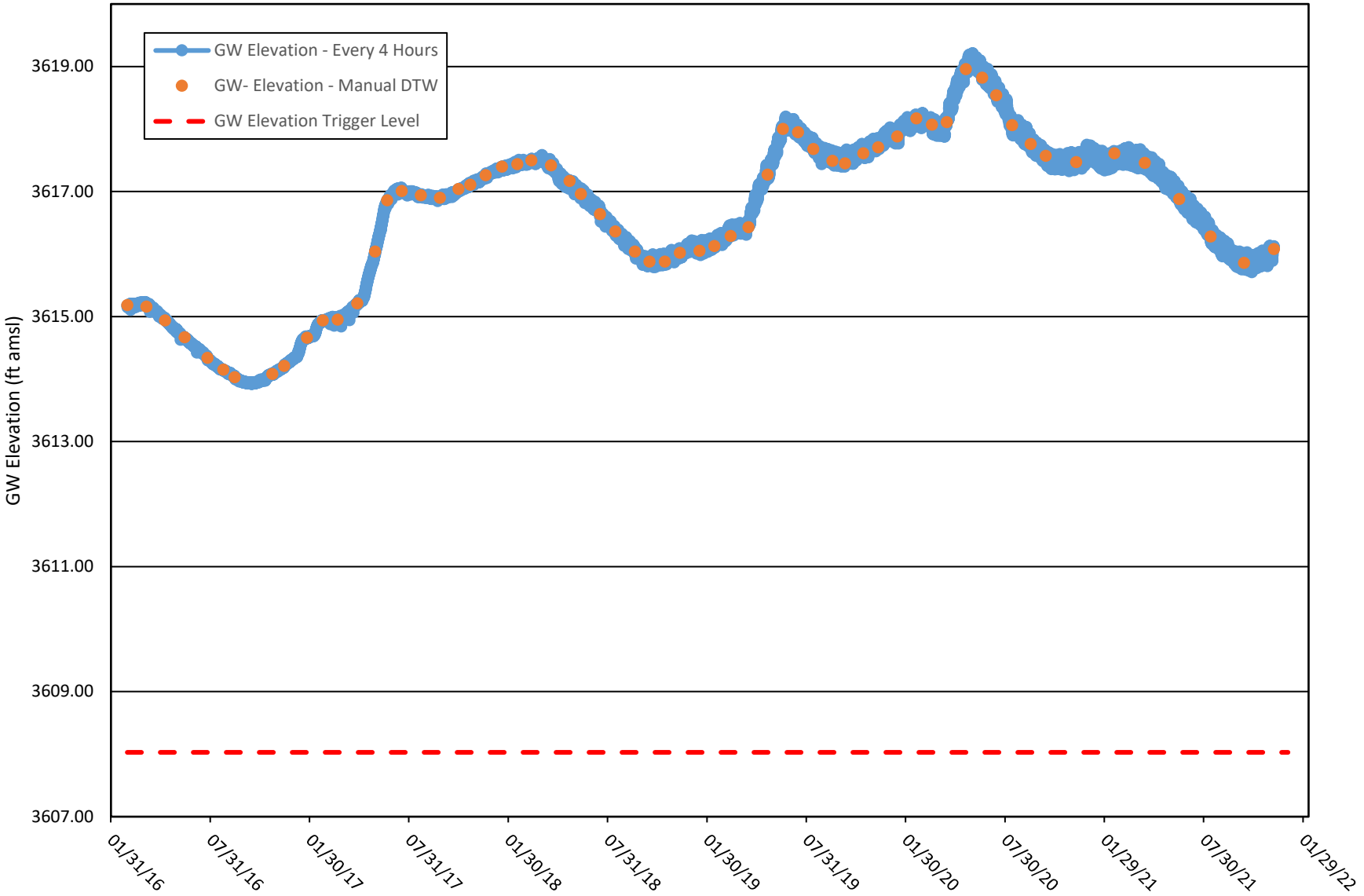
GROUNDWATER ELEVATION DATA - Transducer
P-10 - Cabin Bar Ranch GMMRP



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

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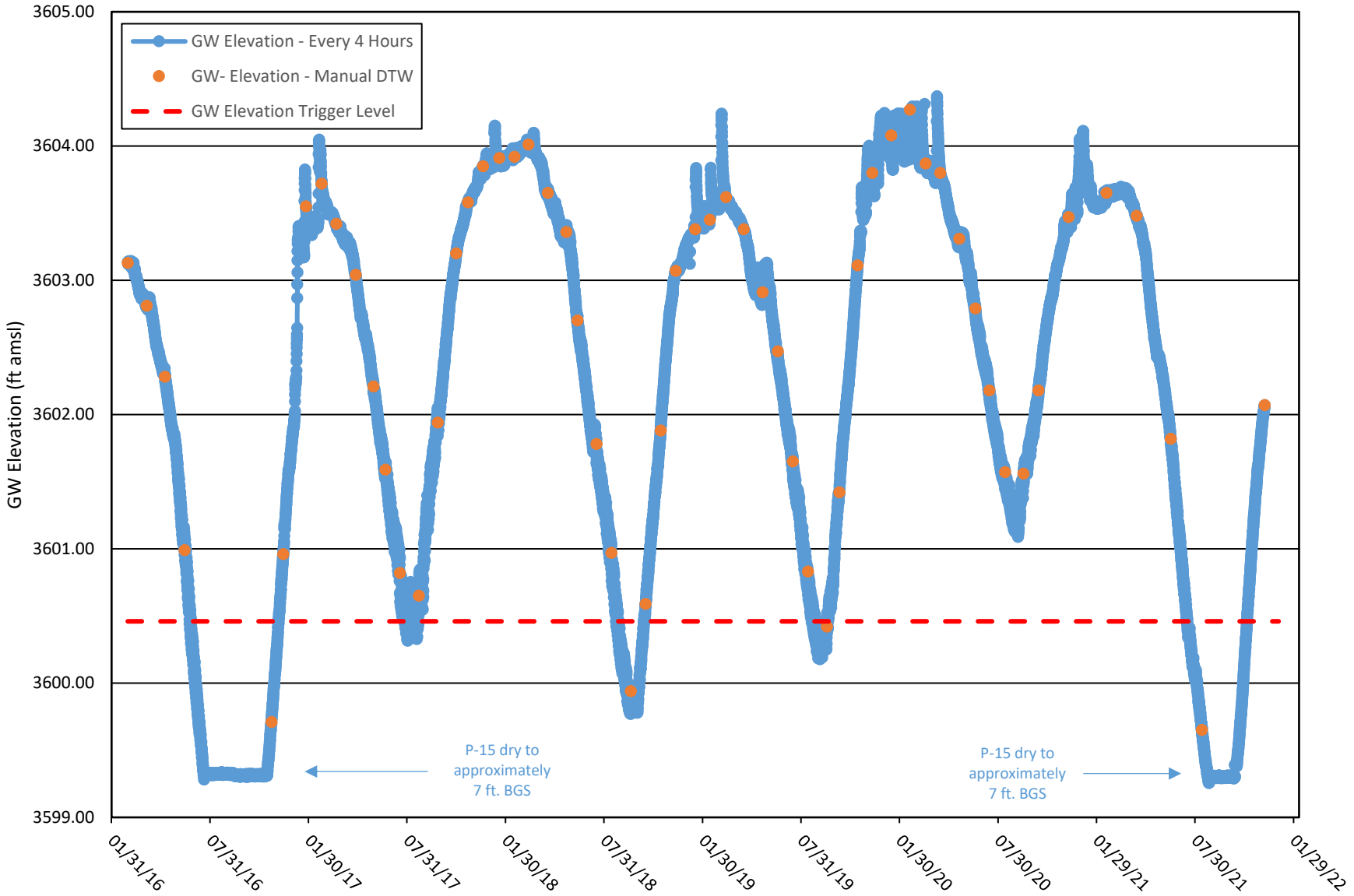
GROUNDWATER ELEVATION DATA - Transducer
P-15 - Cabin Bar Ranch GMMRP



Note: Transducer data from LevelTroll 500 correlated to Manual DTW.
Well was measured to be dry in July, August, and September 2016, and October 2021.
Trigger level indicated may not be exceeded for any continuous 12 month period.

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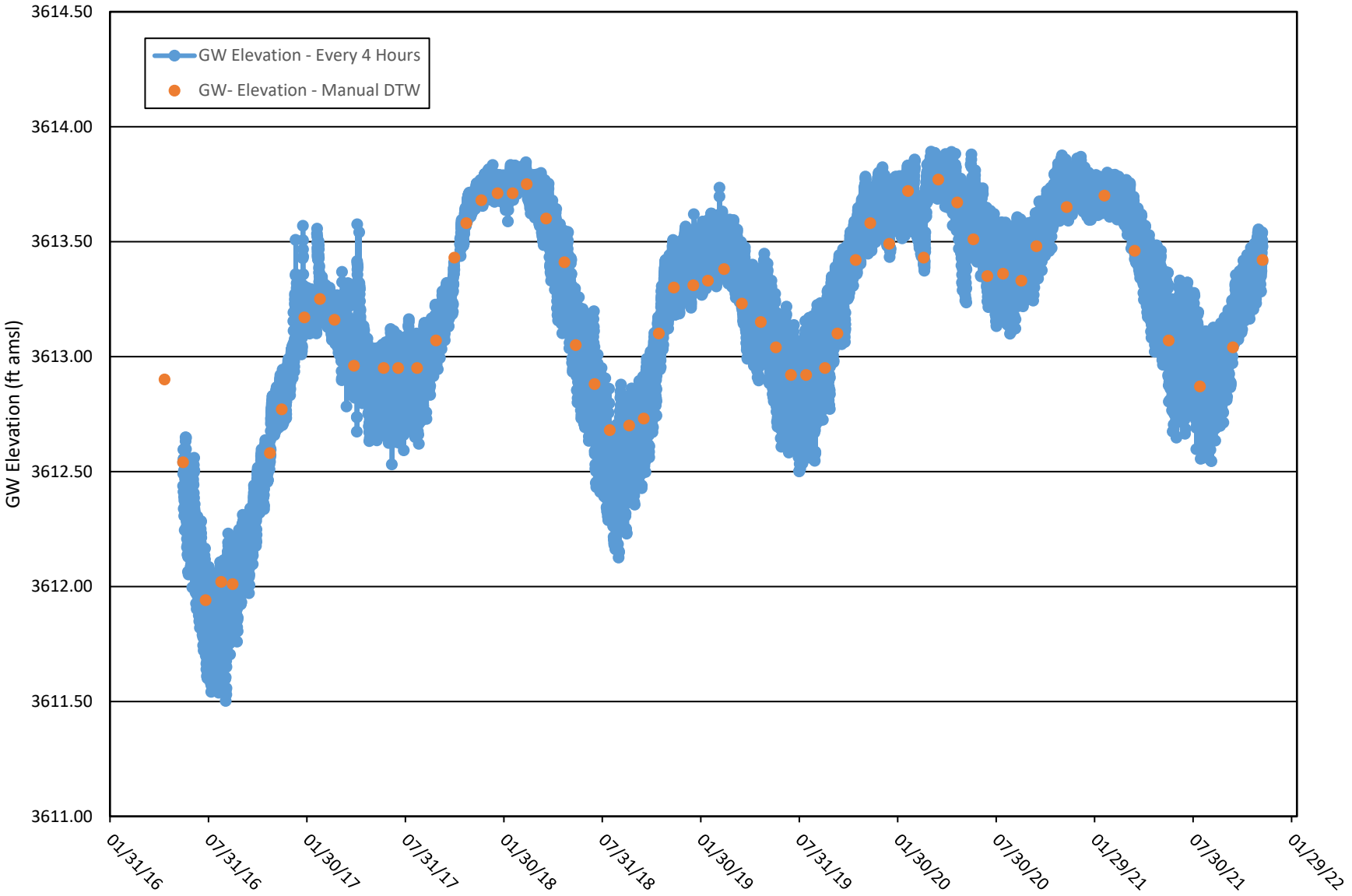
GROUNDWATER ELEVATION DATA - Transducer
RP-1 - Cabin Bar Ranch GMMRP



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

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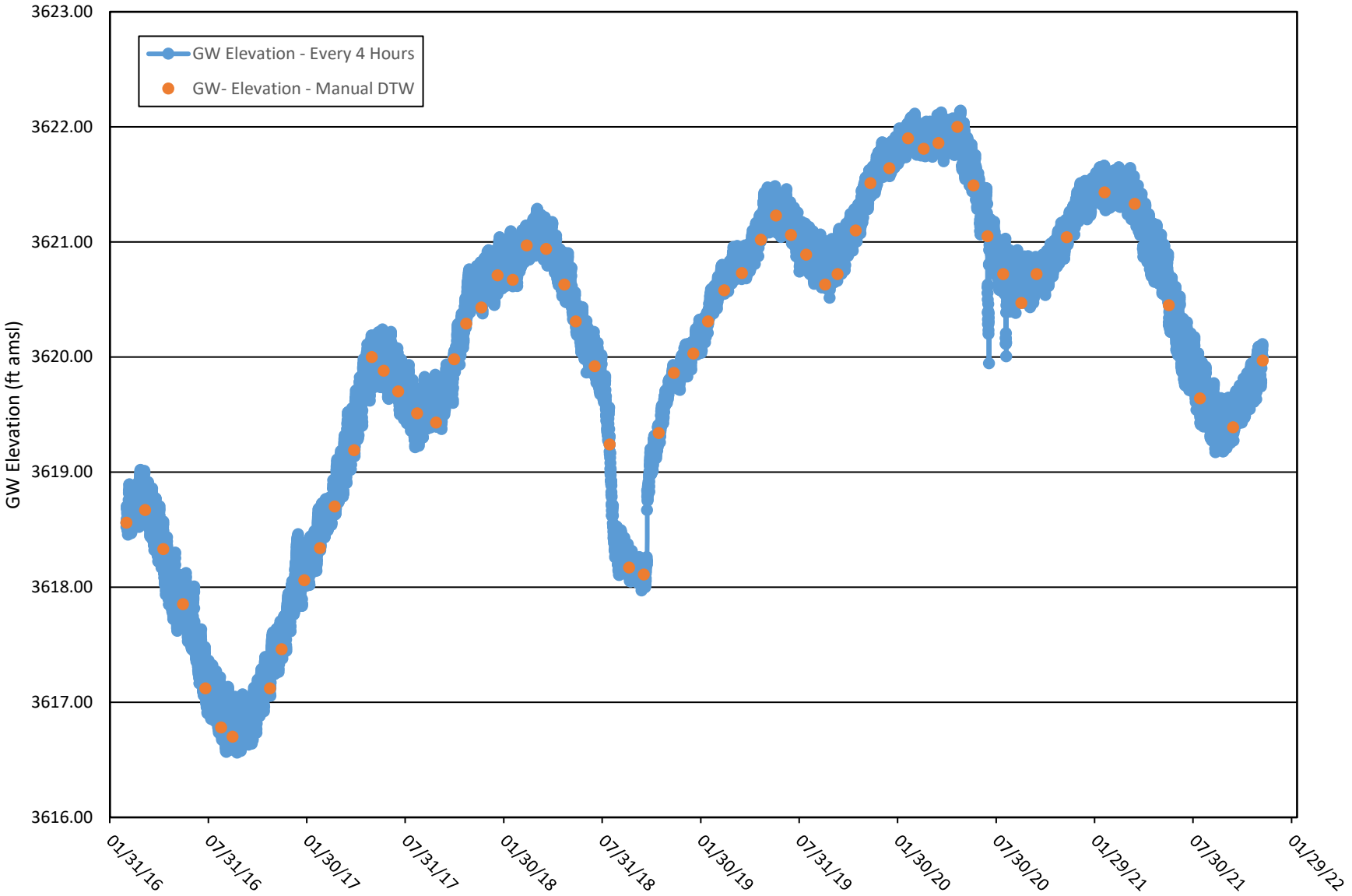
GROUNDWATER ELEVATION DATA - Transducer
SS-1A - Cabin Bar Ranch GMMRP



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

TEAM
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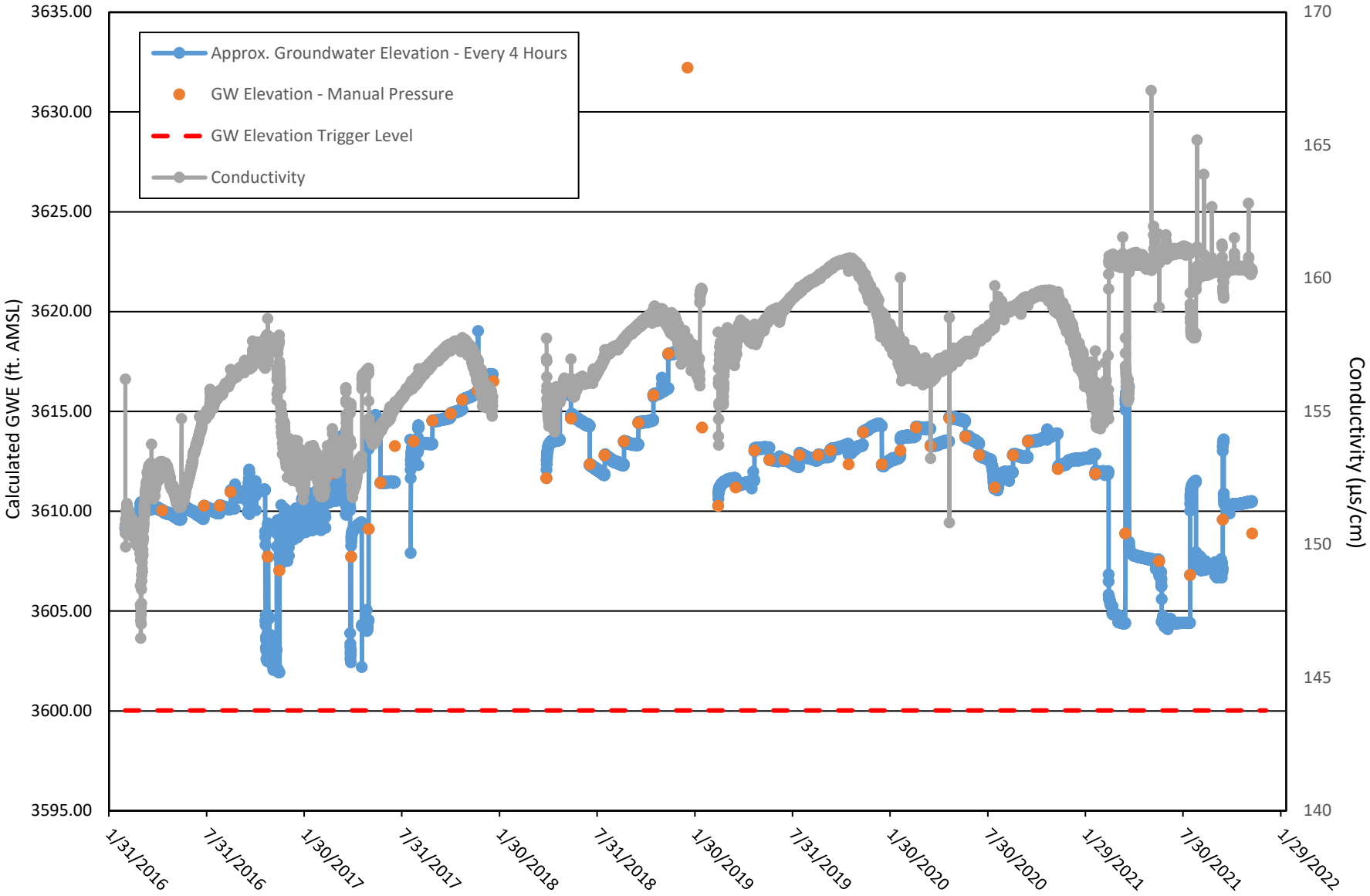
Well Pressure - Transducer Data
OW-9u - Cabin Bar Ranch GMMRP



Note: Artesian Well. Transducer data from AquaTroll 200 correlated to reference pressure and converted to GWE. Transducer was pulled from the well for evaluation in January 2018 and February 2019.

TEAM
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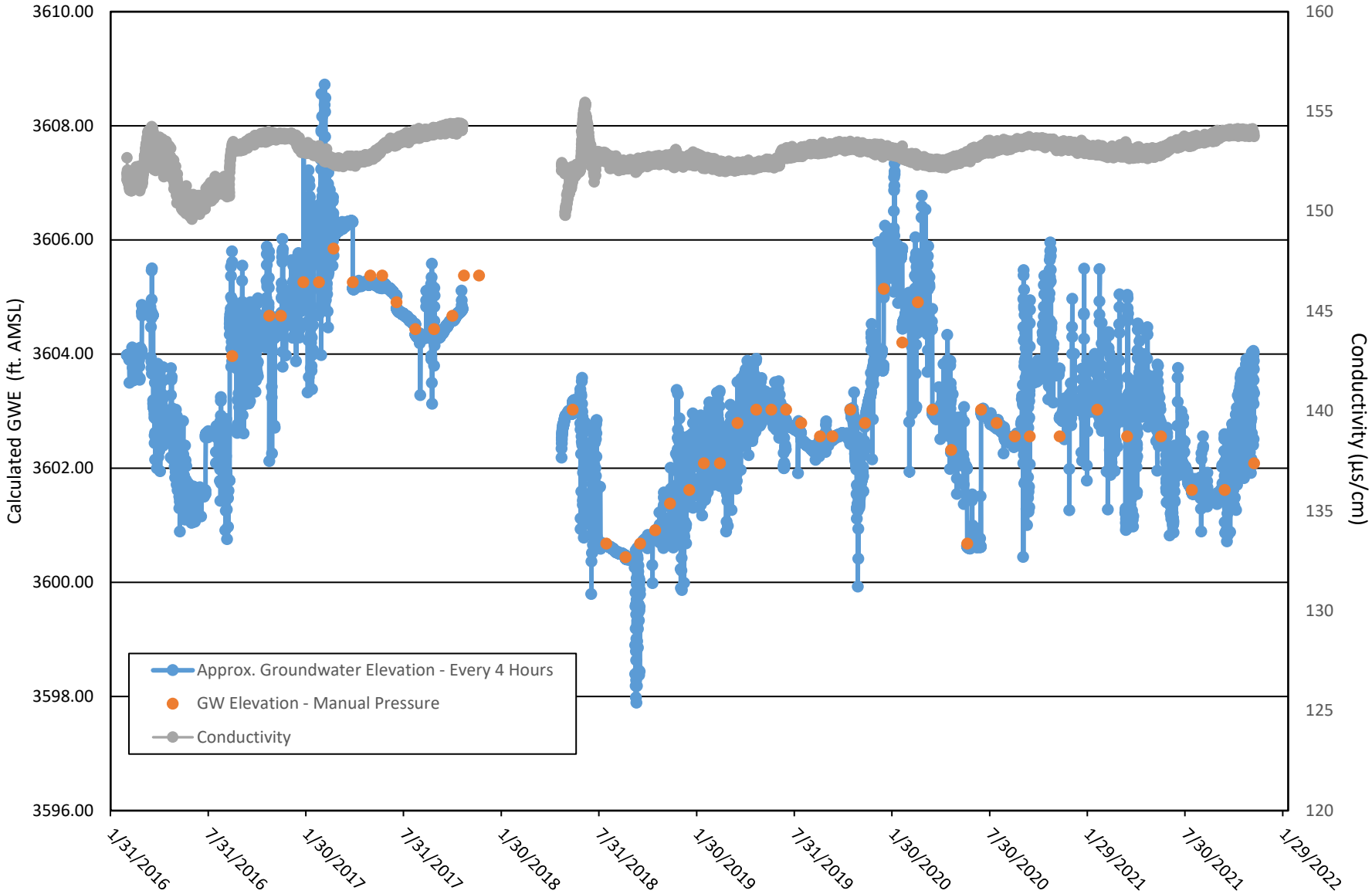
Well Pressure - Transducer Data
OW-8u - Cabin Bar Ranch GMMRP



Note: Artesian Well. Transducer data from AquaTroll 200 correlated to reference pressure and converted to GWE.
Transducer was found to be faulty on January 18, 2018 and was replaced on May 22, 2018.

TEAM
ENGINEERING & MANAGEMENT, INC.

ATTACHMENT B

LABORATORY DATA FOR SAMPLES COLLECTED December 6 & 7, 2021

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-78012-1
Client Project/Site: CG Roxane

For:
TEAM Engineering & Management, Inc.
PO BOX 1265
Bishop, California 93515

Attn: Naomi Jensen

Authorized for release by:
12/16/2021 10:48:44 AM

Sandy Tat, Project Manager I
(714)895-5494
Sandy.Tat@eurofinset.com

Table of Contents

Definitions/Glossary

Client: TEAM Engineering & Management, Inc. Job ID: 570-78012-1
Project/Site: CG Roxane

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.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
H3	Sample was received and analyzed past holding time.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

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 ID: 570-78012-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-78012-1

Comments
No additional comments.

Receipt
The samples were received on 12/8/2021 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.5º C and 2.7º C.

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

Metals
Method 200.7 Rev 4.4: The matrix spike (MS) recoveries for preparation batch 570-200529 and analytical batch 570-201052 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

General Chemistry
Method SM 2130B: The following samples were received outside of holding time: CMW-2 (570-78012-9), PAT-1 (570-78012-10) and QCMW (570-78012-11).

Method SM 4500 H+ B: 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: OW-7u (570-78012-2), OW-7m (570-78012-3), OW-8us (570-78012-4), OW-9u (570-78012-5), OW-10u (570-78012-6), OW-10m (570-78012-7), P-5 (570-78012-8), CMW-2 (570-78012-9), PAT-1 (570-78012-10) and QCMW (570-78012-11).

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

Detection Summary

Client: TEAM Engineering & Management, Inc.
Project/Site: CG Roxane

Job ID: 570-78012-1

Client Sample ID: MW-3 — Lab Sample ID: 570-78012-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	1.8		1.0		mg/L	1		300.0	Total/NA
Calcium	7.36		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	27.3		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.00359		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00344		0.00100		mg/L	1		200.8	Total Recoverable
Turbidity	3.1		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	94.2		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	92.2		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	113		0.500		mg/L	1		SM 2540C	Total/NA
pH	8.2	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	15.5	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: OW-7u — Lab Sample ID: 570-78012-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	1.7		1.0		mg/L	1		300.0	Total/NA
Sulfate	16		1.0		mg/L	1		300.0	Total/NA
Calcium	17.5		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	1.88		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	16.5	F1	2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.0239		0.00100		mg/L	1		200.8	Total Recoverable
Barium	0.00716		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00619		0.00100		mg/L	1		200.8	Total Recoverable
Vanadium	0.00483		0.00100		mg/L	1		200.8	Total Recoverable
Turbidity	0.45		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	70.8		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	70.8		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	113		0.500		mg/L	1		SM 2540C	Total/NA
pH	8.0	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	17.4	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: OW-7m — Lab Sample ID: 570-78012-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	2.7		1.0		mg/L	1		300.0	Total/NA
Sulfate	27		1.0		mg/L	1		300.0	Total/NA
Calcium	21.3		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	1.67		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	19.9		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Antimony	0.00101		0.00100		mg/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

Client Sample ID: OW-7m (Continued) Lab Sample ID: 570-78012-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0230		0.00100		mg/L	1		200.8	Total Recoverable
Barium	0.00988		0.00100		mg/L	1		200.8	Total Recoverable
Chromium	0.00125		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00331		0.00100		mg/L	1		200.8	Total Recoverable
Vanadium	0.00485		0.00100		mg/L	1		200.8	Total Recoverable
Turbidity	0.15		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	71.6		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	71.6		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	133		0.500		mg/L	1		SM 2540C	Total/NA
pH	8.0	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	18.1	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: OW-8us Lab Sample ID: 570-78012-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	3.7		1.0		mg/L	1		300.0	Total/NA
Sulfate	7.4		1.0		mg/L	1		300.0	Total/NA
Calcium	11.4		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	16.8		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00486		0.00100		mg/L	1		200.8	Total Recoverable
Barium	0.00182		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00171		0.00100		mg/L	1		200.8	Total Recoverable
Turbidity	0.10		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	76.0		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	76.0		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	153		0.500		mg/L	1		SM 2540C	Total/NA
pH	8.2	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	18.5	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: OW-9u Lab Sample ID: 570-78012-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	3.0		1.0		mg/L	1		300.0	Total/NA
Sulfate	9.9		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	1.09		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	17.7		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.00140		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00432		0.00100		mg/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: OW-9u (Continued) Lab Sample ID: 570-78012-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Turbidity	0.25		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	76.8		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	76.8		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	130		0.500		mg/L	1		SM 2540C	Total/NA
pH	8.3	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	18.6	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: OW-10u Lab Sample ID: 570-78012-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Sulfate	5.3		1.0		mg/L	1		300.0	Total/NA
Calcium	14.7		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	2.04		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	12.9		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00252		0.00100		mg/L	1		200.8	Total Recoverable
Barium	0.0215		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00235		0.00100		mg/L	1		200.8	Total Recoverable
Vanadium	0.00152		0.00100		mg/L	1		200.8	Total Recoverable
Zinc	0.00794		0.00500		mg/L	1		200.8	Total Recoverable
Turbidity	0.85		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	67.0		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	67.0		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	85.0		0.500		mg/L	1		SM 2540C	Total/NA
pH	7.6	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	18.5	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: OW-10m Lab Sample ID: 570-78012-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0		mg/L	1		300.0	Total/NA
Calcium	5.54		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	0.603		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	35.5		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.00248		0.00100		mg/L	1		200.8	Total Recoverable
Zinc	0.0153		0.00500		mg/L	1		200.8	Total Recoverable
Turbidity	0.60		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	113		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	107		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	120		0.500		mg/L	1		SM 2540C	Total/NA
pH	8.4	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	18.6	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TEAM Engineering & Management, Inc.
Project/Site: CG Roxane

Job ID: 570-78012-1

Client Sample ID: P-5 — Lab Sample ID: 570-78012-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Sulfate	3.3		1.0		mg/L	1		300.0	Total/NA
Calcium	10.2		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	1.44		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	13.4		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.0221		0.00100		mg/L	1		200.8	Total Recoverable
Lead	0.00615		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00318		0.00100		mg/L	1		200.8	Total Recoverable
Vanadium	0.00179		0.00100		mg/L	1		200.8	Total Recoverable
Zinc	0.392		0.00500		mg/L	1		200.8	Total Recoverable
Turbidity	1.4		0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	57.4		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	57.4		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	70.0		0.500		mg/L	1		SM 2540C	Total/NA
pH	7.5	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	18.3	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: CMW-2 — Lab Sample ID: 570-78012-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	1.1		1.0		mg/L	1		300.0	Total/NA
Sulfate	7.4		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	2.18		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	12.3		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00238		0.00100		mg/L	1		200.8	Total Recoverable
Barium	0.00644		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00119		0.00100		mg/L	1		200.8	Total Recoverable
Vanadium	0.00121		0.00100		mg/L	1		200.8	Total Recoverable
Zinc	0.00726		0.00500		mg/L	1		200.8	Total Recoverable
Turbidity	0.70	H H3	0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	88.8		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	88.8		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	115		0.500		mg/L	1		SM 2540C	Total/NA
pH	8.0	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	17.8	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: PAT-1 — Lab Sample ID: 570-78012-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Sulfate	3.3		1.0		mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

Client Sample ID: PAT-1 (Continued) Lab Sample ID: 570-78012-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Calcium	18.6		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	9.16		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Barium	0.00669		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00139		0.00100		mg/L	1		200.8	Total Recoverable
Vanadium	0.00102		0.00100		mg/L	1		200.8	Total Recoverable
Zinc	0.0185		0.00500		mg/L	1		200.8	Total Recoverable
Turbidity	0.25	H H3	0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	71.6		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	71.6		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	82.5		0.500		mg/L	1		SM 2540C	Total/NA
pH	8.0	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	15.3	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

Client Sample ID: QCMW Lab Sample ID: 570-78012-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chloride	1.1		1.0		mg/L	1		300.0	Total/NA
Sulfate	7.4		1.0		mg/L	1		300.0	Total/NA
Calcium	23.5		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Magnesium	2.18		0.500		mg/L	1		200.7 Rev 4.4	Total Recoverable
Sodium	12.2		2.00		mg/L	1		200.7 Rev 4.4	Total Recoverable
Arsenic	0.00231		0.00100		mg/L	1		200.8	Total Recoverable
Barium	0.00652		0.00100		mg/L	1		200.8	Total Recoverable
Molybdenum	0.00116		0.00100		mg/L	1		200.8	Total Recoverable
Vanadium	0.00111		0.00100		mg/L	1		200.8	Total Recoverable
Zinc	0.00705		0.00500		mg/L	1		200.8	Total Recoverable
Turbidity	0.35	H H3	0.05		NTU	1		SM 2130B	Total/NA
Alkalinity, Total (As CaCO3)	89.2		5.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate (as CaCO3)	89.2		5.00		mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	118		0.500		mg/L	1		SM 2540C	Total/NA
pH	7.9	HF	0.01		S.U.	1		SM 4500 H+ B	Total/NA
Temperature	17.0	HF	1.0		Deg. C	1		SM 4500 H+ B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: MW-3 **Lab Sample ID: 570-78012-1**
Date Collected: 12/07/21 10:10 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.8**		1.0		mg/L			12/14/21 01:46	1
Sulfate	ND		1.0		mg/L			12/14/21 01:46	1

Client Sample ID: OW-7u **Lab Sample ID: 570-78012-2**
Date Collected: 12/07/21 12:00 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.7**		1.0		mg/L			12/14/21 02:04	1
Sulfate	**16**		1.0		mg/L			12/14/21 02:04	1

Client Sample ID: OW-7m **Lab Sample ID: 570-78012-3**
Date Collected: 12/07/21 12:15 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.7**		1.0		mg/L			12/14/21 02:22	1
Sulfate	**27**		1.0		mg/L			12/14/21 02:22	1

Client Sample ID: OW-8us **Lab Sample ID: 570-78012-4**
Date Collected: 12/07/21 10:50 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.7**		1.0		mg/L			12/14/21 02:40	1
Sulfate	**7.4**		1.0		mg/L			12/14/21 02:40	1

Client Sample ID: OW-9u **Lab Sample ID: 570-78012-5**
Date Collected: 12/07/21 12:10 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.0**		1.0		mg/L			12/14/21 02:58	1
Sulfate	**9.9**		1.0		mg/L			12/14/21 02:58	1

Client Sample ID: OW-10u **Lab Sample ID: 570-78012-6**
Date Collected: 12/07/21 11:28 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0		mg/L			12/14/21 03:15	1
Sulfate	**5.3**		1.0		mg/L			12/14/21 03:15	1

Client Sample ID: OW-10m **Lab Sample ID: 570-78012-7**
Date Collected: 12/07/21 11:05 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.6**		1.0		mg/L			12/14/21 04:09	1
Sulfate	ND		1.0		mg/L			12/14/21 04:09	1

Client Sample ID: P-5 **Lab Sample ID: 570-78012-8**
Date Collected: 12/07/21 10:40 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0		mg/L			12/14/21 04:27	1
Sulfate	**3.3**		1.0		mg/L			12/14/21 04:27	1

Client: TEAM Engineering & Management, Inc.
Project/Site: CG Roxane

Job ID: 570-78012-1

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: CMW-2
Date Collected: 12/06/21 09:45
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-9
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.1**		1.0		mg/L			12/14/21 04:45	1
Sulfate	**7.4**		1.0		mg/L			12/14/21 04:45	1

Client Sample ID: PAT-1
Date Collected: 12/06/21 10:10
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-10
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0		mg/L			12/14/21 05:03	1
Sulfate	**3.3**		1.0		mg/L			12/14/21 05:03	1

Client Sample ID: QCMW
Date Collected: 12/06/21 00:00
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-11
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.1**		1.0		mg/L			12/14/21 05:21	1
Sulfate	**7.4**		1.0		mg/L			12/14/21 05:21	1

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

Client Sample ID: MW-3 **Lab Sample ID: 570-78012-1**
Date Collected: 12/07/21 10:10 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	7.36		2.00		mg/L		12/13/21 08:59	12/14/21 19:20	1
Magnesium	ND		0.500		mg/L		12/13/21 08:59	12/14/21 19:20	1
Sodium	27.3		2.00		mg/L		12/13/21 08:59	12/14/21 19:20	1

Client Sample ID: OW-7u **Lab Sample ID: 570-78012-2**
Date Collected: 12/07/21 12:00 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	17.5		2.00		mg/L		12/13/21 08:59	12/14/21 19:27	1
Magnesium	1.88		0.500		mg/L		12/13/21 08:59	12/14/21 19:27	1
Sodium	16.5	F1	2.00		mg/L		12/13/21 08:59	12/14/21 19:27	1

Client Sample ID: OW-7m **Lab Sample ID: 570-78012-3**
Date Collected: 12/07/21 12:15 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	21.3		2.00		mg/L		12/13/21 08:59	12/14/21 19:33	1
Magnesium	1.67		0.500		mg/L		12/13/21 08:59	12/14/21 19:33	1
Sodium	19.9		2.00		mg/L		12/13/21 08:59	12/14/21 19:33	1

Client Sample ID: OW-8us **Lab Sample ID: 570-78012-4**
Date Collected: 12/07/21 10:50 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	11.4		2.00		mg/L		12/13/21 08:59	12/14/21 19:43	1
Magnesium	2.15		0.500		mg/L		12/13/21 08:59	12/14/21 19:43	1
Sodium	16.8		2.00		mg/L		12/13/21 08:59	12/14/21 19:43	1

Client Sample ID: OW-9u **Lab Sample ID: 570-78012-5**
Date Collected: 12/07/21 12:10 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	10.7		2.00		mg/L		12/13/21 08:59	12/14/21 19:45	1
Magnesium	1.09		0.500		mg/L		12/13/21 08:59	12/14/21 19:45	1
Sodium	17.7		2.00		mg/L		12/13/21 08:59	12/14/21 19:45	1

Client Sample ID: OW-10u **Lab Sample ID: 570-78012-6**
Date Collected: 12/07/21 11:28 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	14.7		2.00		mg/L		12/13/21 08:59	12/14/21 19:47	1
Magnesium	2.04		0.500		mg/L		12/13/21 08:59	12/14/21 19:47	1
Sodium	12.9		2.00		mg/L		12/13/21 08:59	12/14/21 19:47	1

Client Sample ID: OW-10m **Lab Sample ID: 570-78012-7**
Date Collected: 12/07/21 11:05 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	5.54		2.00		mg/L		12/13/21 08:59	12/14/21 19:49	1
Magnesium	0.603		0.500		mg/L		12/13/21 08:59	12/14/21 19:49	1
Sodium	35.5		2.00		mg/L		12/13/21 08:59	12/14/21 19:49	1

Client: TEAM Engineering & Management, Inc.
Project/Site: CG Roxane

Job ID: 570-78012-1

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

Client Sample ID: P-5
Date Collected: 12/07/21 10:40
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-8
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	10.2		2.00		mg/L		12/13/21 08:59	12/14/21 19:51	1
Magnesium	1.44		0.500		mg/L		12/13/21 08:59	12/14/21 19:51	1
Sodium	13.4		2.00		mg/L		12/13/21 08:59	12/14/21 19:51	1

Client Sample ID: CMW-2
Date Collected: 12/06/21 09:45
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-9
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	23.7		2.00		mg/L		12/13/21 08:59	12/14/21 19:53	1
Magnesium	2.18		0.500		mg/L		12/13/21 08:59	12/14/21 19:53	1
Sodium	12.3		2.00		mg/L		12/13/21 08:59	12/14/21 19:53	1

Client Sample ID: PAT-1
Date Collected: 12/06/21 10:10
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-10
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	18.6		2.00		mg/L		12/13/21 08:59	12/14/21 19:55	1
Magnesium	1.57		0.500		mg/L		12/13/21 08:59	12/14/21 19:55	1
Sodium	9.16		2.00		mg/L		12/13/21 08:59	12/14/21 19:55	1

Client Sample ID: QCMW
Date Collected: 12/06/21 00:00
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-11
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	23.5		2.00		mg/L		12/13/21 08:59	12/14/21 19:58	1
Magnesium	2.18		0.500		mg/L		12/13/21 08:59	12/14/21 19:58	1
Sodium	12.2		2.00		mg/L		12/13/21 08:59	12/14/21 19:58	1

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

Client Sample ID: MW-3 **Lab Sample ID: 570-78012-1**
Date Collected: 12/07/21 10:10 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Arsenic	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Barium	**0.00359**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Beryllium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Cadmium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Chromium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Cobalt	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Copper	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Lead	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Molybdenum	**0.00344**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Nickel	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Selenium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Silver	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Thallium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Vanadium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:11	1
Zinc	ND		0.00500		mg/L		12/13/21 10:15	12/14/21 00:11	1

Client Sample ID: OW-7u **Lab Sample ID: 570-78012-2**
Date Collected: 12/07/21 12:00 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Arsenic	**0.0239**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Barium	**0.00716**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Beryllium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Cadmium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Chromium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Cobalt	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Copper	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Lead	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Molybdenum	**0.00619**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Nickel	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Selenium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Silver	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Thallium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Vanadium	**0.00483**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:20	1
Zinc	ND		0.00500		mg/L		12/13/21 10:15	12/14/21 00:20	1

Client Sample ID: OW-7m **Lab Sample ID: 570-78012-3**
Date Collected: 12/07/21 12:15 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00101**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Arsenic	**0.0230**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Barium	**0.00988**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Beryllium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Cadmium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Chromium	**0.00125**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Cobalt	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Copper	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1

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

Client Sample ID: OW-7m **Lab Sample ID: 570-78012-3**
Date Collected: 12/07/21 12:15 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Molybdenum	**0.00331**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Nickel	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Selenium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Silver	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Thallium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Vanadium	**0.00485**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:23	1
Zinc	ND		0.00500		mg/L		12/13/21 10:15	12/14/21 00:23	1

Client Sample ID: OW-8us **Lab Sample ID: 570-78012-4**
Date Collected: 12/07/21 10:50 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Arsenic	**0.00486**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Barium	**0.00182**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Beryllium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Cadmium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Chromium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Cobalt	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Copper	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Lead	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Molybdenum	**0.00171**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Nickel	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Selenium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Silver	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Thallium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Vanadium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:26	1
Zinc	ND		0.00500		mg/L		12/13/21 10:15	12/14/21 00:26	1

Client Sample ID: OW-9u **Lab Sample ID: 570-78012-5**
Date Collected: 12/07/21 12:10 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Arsenic	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Barium	**0.00140**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Beryllium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Cadmium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Chromium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Cobalt	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Copper	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Lead	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Molybdenum	**0.00432**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Nickel	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Selenium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Silver	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Thallium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Vanadium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:30	1
Zinc	ND		0.00500		mg/L		12/13/21 10:15	12/14/21 00:30	1

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

Client Sample ID: OW-10u **Lab Sample ID: 570-78012-6**
Date Collected: 12/07/21 11:28 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Arsenic	**0.00252**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Barium	**0.0215**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Beryllium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Cadmium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Chromium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Cobalt	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Copper	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Lead	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Molybdenum	**0.00235**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Nickel	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Selenium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Silver	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Thallium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Vanadium	**0.00152**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:42	1
Zinc	**0.00794**		0.00500		mg/L		12/13/21 10:15	12/14/21 00:42	1

Client Sample ID: OW-10m **Lab Sample ID: 570-78012-7**
Date Collected: 12/07/21 11:05 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Arsenic	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Barium	**0.00248**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Beryllium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Cadmium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Chromium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Cobalt	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Copper	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Lead	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Molybdenum	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Nickel	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Selenium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Silver	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Thallium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Vanadium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:46	1
Zinc	**0.0153**		0.00500		mg/L		12/13/21 10:15	12/14/21 00:46	1

Client Sample ID: P-5 **Lab Sample ID: 570-78012-8**
Date Collected: 12/07/21 10:40 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Arsenic	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Barium	**0.0221**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Beryllium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Cadmium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Chromium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Cobalt	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Copper	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1

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

Client Sample ID: P-5 **Lab Sample ID: 570-78012-8**
Date Collected: 12/07/21 10:40 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	**0.00615**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Molybdenum	**0.00318**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Nickel	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Selenium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Silver	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Thallium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Vanadium	**0.00179**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:49	1
Zinc	**0.392**		0.00500		mg/L		12/13/21 10:15	12/14/21 00:49	1

Client Sample ID: CMW-2 **Lab Sample ID: 570-78012-9**
Date Collected: 12/06/21 09:45 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Arsenic	**0.00238**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Barium	**0.00644**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Beryllium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Cadmium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Chromium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Cobalt	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Copper	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Lead	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Molybdenum	**0.00119**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Nickel	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Selenium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Silver	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Thallium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Vanadium	**0.00121**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:52	1
Zinc	**0.00726**		0.00500		mg/L		12/13/21 10:15	12/14/21 00:52	1

Client Sample ID: PAT-1 **Lab Sample ID: 570-78012-10**
Date Collected: 12/06/21 10:10 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Arsenic	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Barium	**0.00669**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Beryllium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Cadmium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Chromium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Cobalt	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Copper	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Lead	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Molybdenum	**0.00139**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Nickel	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Selenium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Silver	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Thallium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Vanadium	**0.00102**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:55	1
Zinc	**0.0185**		0.00500		mg/L		12/13/21 10:15	12/14/21 00:55	1

Client: TEAM Engineering & Management, Inc.
Project/Site: CG Roxane

Job ID: 570-78012-1

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

Client Sample ID: QCMW
Date Collected: 12/06/21 00:00
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-11
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Arsenic	**0.00231**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Barium	**0.00652**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Beryllium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Cadmium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Chromium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Cobalt	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Copper	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Lead	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Molybdenum	**0.00116**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Nickel	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Selenium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Silver	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Thallium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Vanadium	**0.00111**		0.00100		mg/L		12/13/21 10:15	12/14/21 00:58	1
Zinc	**0.00705**		0.00500		mg/L		12/13/21 10:15	12/14/21 00:58	1

Method: 245.1 - Mercury (CVAA)

Client Sample ID: MW-3 **Lab Sample ID: 570-78012-1**
Date Collected: 12/07/21 10:10 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000248		mg/L		12/13/21 10:19	12/14/21 13:14	1

Client Sample ID: OW-7u **Lab Sample ID: 570-78012-2**
Date Collected: 12/07/21 12:00 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000248		mg/L		12/13/21 10:19	12/14/21 13:19	1

Client Sample ID: OW-7m **Lab Sample ID: 570-78012-3**
Date Collected: 12/07/21 12:15 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000248		mg/L		12/13/21 10:19	12/14/21 13:03	1

Client Sample ID: OW-8us **Lab Sample ID: 570-78012-4**
Date Collected: 12/07/21 10:50 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000248		mg/L		12/13/21 10:19	12/14/21 13:08	1

Client Sample ID: OW-9u **Lab Sample ID: 570-78012-5**
Date Collected: 12/07/21 12:10 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000248		mg/L		12/13/21 10:19	12/14/21 13:21	1

Client Sample ID: OW-10u **Lab Sample ID: 570-78012-6**
Date Collected: 12/07/21 11:28 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000248		mg/L		12/13/21 10:19	12/14/21 13:23	1

Client Sample ID: OW-10m **Lab Sample ID: 570-78012-7**
Date Collected: 12/07/21 11:05 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000248		mg/L		12/13/21 10:19	12/14/21 13:25	1

Client Sample ID: P-5 **Lab Sample ID: 570-78012-8**
Date Collected: 12/07/21 10:40 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000248		mg/L		12/13/21 10:19	12/14/21 13:27	1

Client Sample ID: CMW-2 **Lab Sample ID: 570-78012-9**
Date Collected: 12/06/21 09:45 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000248		mg/L		12/13/21 10:19	12/14/21 13:29	1

Client: TEAM Engineering & Management, Inc.
Project/Site: CG Roxane

Job ID: 570-78012-1

Method: 245.1 - Mercury (CVAA)

Client Sample ID: PAT-1
Date Collected: 12/06/21 10:10
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-10
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000248		mg/L		12/13/21 10:19	12/14/21 13:31	1

Client Sample ID: QCMW
Date Collected: 12/06/21 00:00
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-11
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000248		mg/L		12/13/21 10:19	12/14/21 13:32	1

General Chemistry

Client Sample ID: MW-3 **Lab Sample ID: 570-78012-1**
Date Collected: 12/07/21 10:10 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	3.1		0.05		NTU			12/08/21 19:58	1
Alkalinity, Total (As CaCO3)	94.2		5.00		mg/L			12/10/21 07:46	1
Bicarbonate (as CaCO3)	92.2		5.00		mg/L			12/10/21 07:46	1
Total Dissolved Solids	113		0.500		mg/L			12/09/21 18:23	1
pH	8.2	HF	0.01		S.U.			12/15/21 19:45	1
Temperature	15.5	HF	1.0		Deg. C			12/15/21 19:45	1

Client Sample ID: OW-7u **Lab Sample ID: 570-78012-2**
Date Collected: 12/07/21 12:00 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	0.45		0.05		NTU			12/08/21 19:58	1
Alkalinity, Total (As CaCO3)	70.8		5.00		mg/L			12/10/21 07:46	1
Bicarbonate (as CaCO3)	70.8		5.00		mg/L			12/10/21 07:46	1
Total Dissolved Solids	113		0.500		mg/L			12/09/21 18:23	1
pH	8.0	HF	0.01		S.U.			12/15/21 19:45	1
Temperature	17.4	HF	1.0		Deg. C			12/15/21 19:45	1

Client Sample ID: OW-7m **Lab Sample ID: 570-78012-3**
Date Collected: 12/07/21 12:15 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	0.15		0.05		NTU			12/08/21 19:58	1
Alkalinity, Total (As CaCO3)	71.6		5.00		mg/L			12/10/21 07:46	1
Bicarbonate (as CaCO3)	71.6		5.00		mg/L			12/10/21 07:46	1
Total Dissolved Solids	133		0.500		mg/L			12/09/21 18:23	1
pH	8.0	HF	0.01		S.U.			12/15/21 19:45	1
Temperature	18.1	HF	1.0		Deg. C			12/15/21 19:45	1

Client Sample ID: OW-8us **Lab Sample ID: 570-78012-4**
Date Collected: 12/07/21 10:50 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	0.10		0.05		NTU			12/08/21 19:58	1
Alkalinity, Total (As CaCO3)	76.0		5.00		mg/L			12/10/21 07:46	1
Bicarbonate (as CaCO3)	76.0		5.00		mg/L			12/10/21 07:46	1
Total Dissolved Solids	153		0.500		mg/L			12/09/21 18:23	1
pH	8.2	HF	0.01		S.U.			12/15/21 19:45	1
Temperature	18.5	HF	1.0		Deg. C			12/15/21 19:45	1

Client Sample ID: OW-9u **Lab Sample ID: 570-78012-5**
Date Collected: 12/07/21 12:10 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	0.25		0.05		NTU			12/08/21 19:58	1
Alkalinity, Total (As CaCO3)	76.8		5.00		mg/L			12/10/21 07:46	1
Bicarbonate (as CaCO3)	76.8		5.00		mg/L			12/10/21 07:46	1
Total Dissolved Solids	130		0.500		mg/L			12/09/21 18:23	1
pH	8.3	HF	0.01		S.U.			12/15/21 19:45	1
Temperature	18.6	HF	1.0		Deg. C			12/15/21 19:45	1

General Chemistry

Client Sample ID: OW-10u **Lab Sample ID: 570-78012-6**
Date Collected: 12/07/21 11:28 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	0.85		0.05		NTU			12/08/21 19:58	1
Alkalinity, Total (As CaCO3)	67.0		5.00		mg/L			12/10/21 07:46	1
Bicarbonate (as CaCO3)	67.0		5.00		mg/L			12/10/21 07:46	1
Total Dissolved Solids	85.0		0.500		mg/L			12/09/21 18:23	1
pH	7.6	HF	0.01		S.U.			12/15/21 19:45	1
Temperature	18.5	HF	1.0		Deg. C			12/15/21 19:45	1

Client Sample ID: OW-10m **Lab Sample ID: 570-78012-7**
Date Collected: 12/07/21 11:05 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	0.60		0.05		NTU			12/08/21 19:58	1
Alkalinity, Total (As CaCO3)	113		5.00		mg/L			12/10/21 07:46	1
Bicarbonate (as CaCO3)	107		5.00		mg/L			12/10/21 07:46	1
Total Dissolved Solids	120		0.500		mg/L			12/09/21 18:23	1
pH	8.4	HF	0.01		S.U.			12/15/21 19:45	1
Temperature	18.6	HF	1.0		Deg. C			12/15/21 19:45	1

Client Sample ID: P-5 **Lab Sample ID: 570-78012-8**
Date Collected: 12/07/21 10:40 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	1.4		0.05		NTU			12/08/21 19:58	1
Alkalinity, Total (As CaCO3)	57.4		5.00		mg/L			12/10/21 07:46	1
Bicarbonate (as CaCO3)	57.4		5.00		mg/L			12/10/21 07:46	1
Total Dissolved Solids	70.0		0.500		mg/L			12/09/21 18:23	1
pH	7.5	HF	0.01		S.U.			12/15/21 19:45	1
Temperature	18.3	HF	1.0		Deg. C			12/15/21 19:45	1

Client Sample ID: CMW-2 **Lab Sample ID: 570-78012-9**
Date Collected: 12/06/21 09:45 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	0.70	H H3	0.05		NTU			12/09/21 21:35	1
Alkalinity, Total (As CaCO3)	88.8		5.00		mg/L			12/10/21 07:46	1
Bicarbonate (as CaCO3)	88.8		5.00		mg/L			12/10/21 07:46	1
Total Dissolved Solids	115		0.500		mg/L			12/09/21 18:23	1
pH	8.0	HF	0.01		S.U.			12/15/21 19:45	1
Temperature	17.8	HF	1.0		Deg. C			12/15/21 19:45	1

Client Sample ID: PAT-1 **Lab Sample ID: 570-78012-10**
Date Collected: 12/06/21 10:10 **Matrix: Water**
Date Received: 12/08/21 10:30

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	0.25	H H3	0.05		NTU			12/09/21 21:35	1
Alkalinity, Total (As CaCO3)	71.6		5.00		mg/L			12/10/21 07:46	1
Bicarbonate (as CaCO3)	71.6		5.00		mg/L			12/10/21 07:46	1
Total Dissolved Solids	82.5		0.500		mg/L			12/09/21 18:23	1
pH	8.0	HF	0.01		S.U.			12/15/21 19:45	1
Temperature	15.3	HF	1.0		Deg. C			12/15/21 19:45	1

Client: TEAM Engineering & Management, Inc.
Project/Site: CG Roxane

Job ID: 570-78012-1

General Chemistry

Client Sample ID: QCMW
Date Collected: 12/06/21 00:00
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-11
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	0.35	H H3	0.05		NTU			12/09/21 21:35	1
Alkalinity, Total (As CaCO3)	89.2		5.00		mg/L			12/10/21 07:46	1
Bicarbonate (as CaCO3)	89.2		5.00		mg/L			12/10/21 07:46	1
Total Dissolved Solids	118		0.500		mg/L			12/09/21 18:23	1
pH	7.9	HF	0.01		S.U.			12/15/21 19:45	1
Temperature	17.0	HF	1.0		Deg. C			12/15/21 19:45	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-200663/5
Matrix: Water
Analysis Batch: 200663

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			12/13/21 17:51	1
Sulfate	ND		1.0		mg/L			12/13/21 17:51	1

Lab Sample ID: LCS 570-200663/6
Matrix: Water
Analysis Batch: 200663

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	48.19		mg/L		96	90 - 110		
Sulfate			50.0	47.75		mg/L		96	90 - 110		

Lab Sample ID: LCSD 570-200663/7
Matrix: Water
Analysis Batch: 200663

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	48.06		mg/L		96	90 - 110	0	15
Sulfate			50.0	47.66		mg/L		95	90 - 110	0	15

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 570-200529/1-A
Matrix: Water
Analysis Batch: 201052

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 200529

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		2.00		mg/L		12/13/21 08:59	12/14/21 19:13	1
Magnesium	ND		0.500		mg/L		12/13/21 08:59	12/14/21 19:13	1
Sodium	ND		2.00		mg/L		12/13/21 08:59	12/14/21 19:13	1

Lab Sample ID: LCS 570-200529/2-A
Matrix: Water
Analysis Batch: 201052

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 200529

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Calcium			0.500	0.4919	J	mg/L		98	85 - 115		
Magnesium			0.500	0.5124		mg/L		102	85 - 115		
Sodium			5.00	4.841		mg/L		97	85 - 115		

Lab Sample ID: LCSD 570-200529/3-A
Matrix: Water
Analysis Batch: 201052

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 200529

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium			0.500	0.5030	J	mg/L		101	85 - 115	2	20
Magnesium			0.500	0.5069		mg/L		101	85 - 115	1	20
Sodium			5.00	4.830		mg/L		97	85 - 115	0	20

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

Lab Sample ID: 570-78012-1 MS
Matrix: Water
Analysis Batch: 201052

Client Sample ID: MW-3
Prep Type: Total Recoverable
Prep Batch: 200529

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	7.36		0.500	7.621	4	mg/L		52	80 - 120
Magnesium	ND		0.500	0.8883		mg/L		93	80 - 120
Sodium	27.3		5.00	31.39	4	mg/L		81	80 - 120

Lab Sample ID: 570-78012-1 MSD
Matrix: Water
Analysis Batch: 201052

Client Sample ID: MW-3
Prep Type: Total Recoverable
Prep Batch: 200529

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	7.36		0.500	7.951	4	mg/L		118	80 - 120	4	20
Magnesium	ND		0.500	0.9263		mg/L		101	80 - 120	4	20
Sodium	27.3		5.00	32.44	4	mg/L		102	80 - 120	3	20

Lab Sample ID: 570-78012-2 MS
Matrix: Water
Analysis Batch: 201052

Client Sample ID: OW-7u
Prep Type: Total Recoverable
Prep Batch: 200529

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	17.5		0.500	17.72	4	mg/L		44	80 - 120
Magnesium	1.88		0.500	2.428		mg/L		109	80 - 120
Sodium	16.5	F1	5.00	16.59	F1	mg/L		2	80 - 120

Lab Sample ID: 570-78012-2 MSD
Matrix: Water
Analysis Batch: 201052

Client Sample ID: OW-7u
Prep Type: Total Recoverable
Prep Batch: 200529

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	17.5		0.500	17.64	4	mg/L		26	80 - 120	1	20
Magnesium	1.88		0.500	2.407		mg/L		105	80 - 120	1	20
Sodium	16.5	F1	5.00	16.37	F1	mg/L		-2	80 - 120	1	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 570-200541/1-A
Matrix: Water
Analysis Batch: 200566

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 200541

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Arsenic	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Barium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Beryllium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Cadmium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Chromium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Cobalt	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Copper	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Lead	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Molybdenum	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Nickel	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Selenium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1

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

Lab Sample ID: MB 570-200541/1-A
Matrix: Water
Analysis Batch: 200566

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 200541

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Thallium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Vanadium	ND		0.00100		mg/L		12/13/21 10:15	12/14/21 00:01	1
Zinc	ND		0.00500		mg/L		12/13/21 10:15	12/14/21 00:01	1

Lab Sample ID: LCS 570-200541/2-A
Matrix: Water
Analysis Batch: 200566

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 200541

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony			0.100	0.09927		mg/L		99	80 - 120		
Arsenic			0.100	0.09700		mg/L		97	80 - 120		
Barium			0.100	0.1062		mg/L		106	80 - 120		
Beryllium			0.100	0.1053		mg/L		105	80 - 120		
Cadmium			0.100	0.1032		mg/L		103	80 - 120		
Chromium			0.100	0.1020		mg/L		102	80 - 120		
Cobalt			0.100	0.09822		mg/L		98	80 - 120		
Copper			0.100	0.09660		mg/L		97	80 - 120		
Lead			0.100	0.1071		mg/L		107	80 - 120		
Molybdenum			0.100	0.09337		mg/L		93	80 - 120		
Nickel			0.100	0.1063		mg/L		106	80 - 120		
Selenium			0.100	0.1094		mg/L		109	80 - 120		
Silver			0.0500	0.04857		mg/L		97	80 - 120		
Thallium			0.100	0.1004		mg/L		100	80 - 120		
Vanadium			0.100	0.1009		mg/L		101	80 - 120		
Zinc			0.100	0.1027		mg/L		103	80 - 120		

Lab Sample ID: LCSD 570-200541/3-A
Matrix: Water
Analysis Batch: 200566

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 200541

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony			0.100	0.1007		mg/L		101	80 - 120	1	20
Arsenic			0.100	0.09717		mg/L		97	80 - 120	0	20
Barium			0.100	0.1076		mg/L		108	80 - 120	1	20
Beryllium			0.100	0.1073		mg/L		107	80 - 120	2	20
Cadmium			0.100	0.1047		mg/L		105	80 - 120	1	20
Chromium			0.100	0.1024		mg/L		102	80 - 120	0	20
Cobalt			0.100	0.09730		mg/L		97	80 - 120	1	20
Copper			0.100	0.09535		mg/L		95	80 - 120	1	20
Lead			0.100	0.1068		mg/L		107	80 - 120	0	20
Molybdenum			0.100	0.09371		mg/L		94	80 - 120	0	20
Nickel			0.100	0.1074		mg/L		107	80 - 120	1	20
Selenium			0.100	0.1090		mg/L		109	80 - 120	0	20
Silver			0.0500	0.04821		mg/L		96	80 - 120	1	20
Thallium			0.100	0.09994		mg/L		100	80 - 120	0	20
Vanadium			0.100	0.09930		mg/L		99	80 - 120	2	20
Zinc			0.100	0.1031		mg/L		103	80 - 120	0	20

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

Lab Sample ID: 570-78012-1 MS
Matrix: Water
Analysis Batch: 200566

Client Sample ID: MW-3
Prep Type: Total Recoverable
Prep Batch: 200541

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		0.100	0.1009		mg/L		101	80 - 120
Arsenic	ND		0.100	0.1013		mg/L		101	80 - 120
Barium	0.00359		0.100	0.1080		mg/L		104	80 - 120
Beryllium	ND		0.100	0.1058		mg/L		106	80 - 120
Cadmium	ND		0.100	0.1056		mg/L		106	80 - 120
Chromium	ND		0.100	0.1006		mg/L		101	80 - 120
Cobalt	ND		0.100	0.09907		mg/L		99	80 - 120
Copper	ND		0.100	0.09243		mg/L		92	80 - 120
Lead	ND		0.100	0.1044		mg/L		104	80 - 120
Molybdenum	0.00344		0.100	0.09526		mg/L		92	80 - 120
Nickel	ND		0.100	0.1061		mg/L		106	80 - 120
Selenium	ND		0.100	0.1160		mg/L		116	80 - 120
Silver	ND		0.0500	0.04838		mg/L		97	80 - 120
Thallium	ND		0.100	0.09748		mg/L		97	80 - 120
Vanadium	ND		0.100	0.1011		mg/L		101	80 - 120
Zinc	ND		0.100	0.1058		mg/L		106	80 - 120

Lab Sample ID: 570-78012-1 MSD
Matrix: Water
Analysis Batch: 200566

Client Sample ID: MW-3
Prep Type: Total Recoverable
Prep Batch: 200541

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		0.100	0.1017		mg/L		102	80 - 120	1	20
Arsenic	ND		0.100	0.1009		mg/L		101	80 - 120	0	20
Barium	0.00359		0.100	0.1086		mg/L		105	80 - 120	1	20
Beryllium	ND		0.100	0.1073		mg/L		107	80 - 120	1	20
Cadmium	ND		0.100	0.1053		mg/L		105	80 - 120	0	20
Chromium	ND		0.100	0.1012		mg/L		101	80 - 120	1	20
Cobalt	ND		0.100	0.09708		mg/L		97	80 - 120	2	20
Copper	ND		0.100	0.09299		mg/L		92	80 - 120	1	20
Lead	ND		0.100	0.1043		mg/L		104	80 - 120	0	20
Molybdenum	0.00344		0.100	0.09385		mg/L		90	80 - 120	1	20
Nickel	ND		0.100	0.1062		mg/L		106	80 - 120	0	20
Selenium	ND		0.100	0.1162		mg/L		116	80 - 120	0	20
Silver	ND		0.0500	0.04795		mg/L		96	80 - 120	1	20
Thallium	ND		0.100	0.09805		mg/L		98	80 - 120	1	20
Vanadium	ND		0.100	0.1010		mg/L		101	80 - 120	0	20
Zinc	ND		0.100	0.1059		mg/L		106	80 - 120	0	20

Lab Sample ID: 570-78012-11 MS
Matrix: Water
Analysis Batch: 200566

Client Sample ID: QCMW
Prep Type: Total Recoverable
Prep Batch: 200541

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		0.100	0.09431		mg/L		94	80 - 120
Arsenic	0.00231		0.100	0.09552		mg/L		93	80 - 120
Barium	0.00652		0.100	0.1058		mg/L		99	80 - 120
Beryllium	ND		0.100	0.09529		mg/L		95	80 - 120
Cadmium	ND		0.100	0.09782		mg/L		98	80 - 120

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

Lab Sample ID: 570-78012-11 MS
Matrix: Water
Analysis Batch: 200566

Client Sample ID: QCMW
Prep Type: Total Recoverable
Prep Batch: 200541

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	ND		0.100	0.08856		mg/L		89	80 - 120
Cobalt	ND		0.100	0.09278		mg/L		93	80 - 120
Copper	ND		0.100	0.08476		mg/L		85	80 - 120
Lead	ND		0.100	0.09765		mg/L		98	80 - 120
Molybdenum	0.00116		0.100	0.08523		mg/L		84	80 - 120
Nickel	ND		0.100	0.09839		mg/L		98	80 - 120
Selenium	ND		0.100	0.1025		mg/L		103	80 - 120
Silver	ND		0.0500	0.04543		mg/L		91	80 - 120
Thallium	ND		0.100	0.09090		mg/L		91	80 - 120
Vanadium	0.00111		0.100	0.09792		mg/L		97	80 - 120
Zinc	0.00705		0.100	0.09895		mg/L		92	80 - 120

Lab Sample ID: 570-78012-11 MSD
Matrix: Water
Analysis Batch: 200566

Client Sample ID: QCMW
Prep Type: Total Recoverable
Prep Batch: 200541

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		0.100	0.09458		mg/L		95	80 - 120	0	20
Arsenic	0.00231		0.100	0.09411		mg/L		92	80 - 120	1	20
Barium	0.00652		0.100	0.1052		mg/L		99	80 - 120	1	20
Beryllium	ND		0.100	0.09516		mg/L		95	80 - 120	0	20
Cadmium	ND		0.100	0.09687		mg/L		97	80 - 120	1	20
Chromium	ND		0.100	0.08683		mg/L		87	80 - 120	2	20
Cobalt	ND		0.100	0.09281		mg/L		93	80 - 120	0	20
Copper	ND		0.100	0.08464		mg/L		85	80 - 120	0	20
Lead	ND		0.100	0.09858		mg/L		99	80 - 120	1	20
Molybdenum	0.00116		0.100	0.08581		mg/L		85	80 - 120	1	20
Nickel	ND		0.100	0.09851		mg/L		99	80 - 120	0	20
Selenium	ND		0.100	0.1025		mg/L		102	80 - 120	0	20
Silver	ND		0.0500	0.04499		mg/L		90	80 - 120	1	20
Thallium	ND		0.100	0.09018		mg/L		90	80 - 120	1	20
Vanadium	0.00111		0.100	0.09743		mg/L		96	80 - 120	1	20
Zinc	0.00705		0.100	0.09923		mg/L		92	80 - 120	0	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 570-200549/1-A
Matrix: Water
Analysis Batch: 200936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200549

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000248		mg/L		12/13/21 10:19	12/14/21 12:57	1

Lab Sample ID: LCS 570-200549/2-A
Matrix: Water
Analysis Batch: 200936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200549

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury			0.0100	0.009989		mg/L		100	85 - 115

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-200549/3-A
Matrix: Water
Analysis Batch: 200936

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200549

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.0100	0.01022		mg/L		102	85 - 115	2	10

Lab Sample ID: 570-78012-3 MS
Matrix: Water
Analysis Batch: 200936

Client Sample ID: OW-7m
Prep Type: Total/NA
Prep Batch: 200549

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0100	0.01051		mg/L		105	70 - 130

Lab Sample ID: 570-78012-3 MSD
Matrix: Water
Analysis Batch: 200936

Client Sample ID: OW-7m
Prep Type: Total/NA
Prep Batch: 200549

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.01019		mg/L		102	70 - 130	3	10

Lab Sample ID: 570-78012-4 MS
Matrix: Water
Analysis Batch: 200936

Client Sample ID: OW-8us
Prep Type: Total/NA
Prep Batch: 200549

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0100	0.009996		mg/L		100	70 - 130

Lab Sample ID: 570-78012-4 MSD
Matrix: Water
Analysis Batch: 200936

Client Sample ID: OW-8us
Prep Type: Total/NA
Prep Batch: 200549

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.01006		mg/L		101	70 - 130	1	10

Method: SM 2130B - Turbidity

Lab Sample ID: LCSSRM 570-199650/1
Matrix: Water
Analysis Batch: 199650

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

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Turbidity			1000	1000		NTU		99.0	99.0 - 101.0

Lab Sample ID: LCSSRM 570-199650/2
Matrix: Water
Analysis Batch: 199650

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

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Turbidity			10.0	10		NTU		101.0	99.0 - 101.0

Method: SM 2130B - Turbidity (Continued)

Lab Sample ID: LCSSRM 570-199650/3
Matrix: Water
Analysis Batch: 199650

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		100.0	0.0 - 200.0

Lab Sample ID: LCSSRM 570-199994/1
Matrix: Water
Analysis Batch: 199994

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

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Turbidity	1000	1000		NTU		100.0	99.0 - 101.0

Lab Sample ID: LCSSRM 570-199994/2
Matrix: Water
Analysis Batch: 199994

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

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Turbidity	10.0	10		NTU		99.6	99.0 - 101.0

Lab Sample ID: LCSSRM 570-199994/3
Matrix: Water
Analysis Batch: 199994

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	0.05		NTU		200.0	0.0 - 200.0

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 570-200019/1
Matrix: Water
Analysis Batch: 200019

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			12/10/21 07:46	1
Bicarbonate (as CaCO3)	ND		5.00	mg/L			12/10/21 07:46	1

Lab Sample ID: LCS 570-200019/2
Matrix: Water
Analysis Batch: 200019

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	98.00		mg/L		92	80 - 120

Lab Sample ID: LCSD 570-200019/3
Matrix: Water
Analysis Batch: 200019

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	99.20		mg/L		94	80 - 120	1	20

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: 570-78012-2 DU
Matrix: Water
Analysis Batch: 200019

Client Sample ID: OW-7u
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total (As CaCO3)	70.8			71.40		mg/L				0.8	25
Bicarbonate (as CaCO3)	70.8			71.40		mg/L				0.8	25

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

Lab Sample ID: MB 570-199963/1
Matrix: Water
Analysis Batch: 199963

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		0.400		mg/L			12/09/21 18:22	1

Lab Sample ID: LCS 570-199963/2
Matrix: Water
Analysis Batch: 199963

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			100	97.50		mg/L		98	84 - 108		

Lab Sample ID: LCSD 570-199963/3
Matrix: Water
Analysis Batch: 199963

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			100	105.0		mg/L		105	84 - 108	7	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 570-78012-1 DU
Matrix: Water
Analysis Batch: 201374

Client Sample ID: MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	8.2	HF		8.2		S.U.				0.7	25
Temperature	15.5	HF		15.4		Deg. C				0.6	25

HPLC/IC

Analysis Batch: 200663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-1	MW-3	Total/NA	Water	300.0	
570-78012-2	OW-7u	Total/NA	Water	300.0	
570-78012-3	OW-7m	Total/NA	Water	300.0	
570-78012-4	OW-8us	Total/NA	Water	300.0	
570-78012-5	OW-9u	Total/NA	Water	300.0	
570-78012-6	OW-10u	Total/NA	Water	300.0	
570-78012-7	OW-10m	Total/NA	Water	300.0	
570-78012-8	P-5	Total/NA	Water	300.0	
570-78012-9	CMW-2	Total/NA	Water	300.0	
570-78012-10	PAT-1	Total/NA	Water	300.0	
570-78012-11	QCMW	Total/NA	Water	300.0	
MB 570-200663/5	Method Blank	Total/NA	Water	300.0	
LCS 570-200663/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-200663/7	Lab Control Sample Dup	Total/NA	Water	300.0	

Metals

Prep Batch: 200529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-1	MW-3	Total Recoverable	Water	200.7	
570-78012-2	OW-7u	Total Recoverable	Water	200.7	
570-78012-3	OW-7m	Total Recoverable	Water	200.7	
570-78012-4	OW-8us	Total Recoverable	Water	200.7	
570-78012-5	OW-9u	Total Recoverable	Water	200.7	
570-78012-6	OW-10u	Total Recoverable	Water	200.7	
570-78012-7	OW-10m	Total Recoverable	Water	200.7	
570-78012-8	P-5	Total Recoverable	Water	200.7	
570-78012-9	CMW-2	Total Recoverable	Water	200.7	
570-78012-10	PAT-1	Total Recoverable	Water	200.7	
570-78012-11	QCMW	Total Recoverable	Water	200.7	
MB 570-200529/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 570-200529/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCSD 570-200529/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	
570-78012-1 MS	MW-3	Total Recoverable	Water	200.7	
570-78012-1 MSD	MW-3	Total Recoverable	Water	200.7	
570-78012-2 MS	OW-7u	Total Recoverable	Water	200.7	
570-78012-2 MSD	OW-7u	Total Recoverable	Water	200.7	

Prep Batch: 200541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-1	MW-3	Total Recoverable	Water	200.8	
570-78012-2	OW-7u	Total Recoverable	Water	200.8	
570-78012-3	OW-7m	Total Recoverable	Water	200.8	
570-78012-4	OW-8us	Total Recoverable	Water	200.8	
570-78012-5	OW-9u	Total Recoverable	Water	200.8	
570-78012-6	OW-10u	Total Recoverable	Water	200.8	
570-78012-7	OW-10m	Total Recoverable	Water	200.8	
570-78012-8	P-5	Total Recoverable	Water	200.8	
570-78012-9	CMW-2	Total Recoverable	Water	200.8	
570-78012-10	PAT-1	Total Recoverable	Water	200.8	
570-78012-11	QCMW	Total Recoverable	Water	200.8	

Metals (Continued)

Prep Batch: 200541 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-200541/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 570-200541/2-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCSD 570-200541/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	
570-78012-1 MS	MW-3	Total Recoverable	Water	200.8	
570-78012-1 MSD	MW-3	Total Recoverable	Water	200.8	
570-78012-11 MS	QCMW	Total Recoverable	Water	200.8	
570-78012-11 MSD	QCMW	Total Recoverable	Water	200.8	

Prep Batch: 200549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-1	MW-3	Total/NA	Water	245.1	
570-78012-2	OW-7u	Total/NA	Water	245.1	
570-78012-3	OW-7m	Total/NA	Water	245.1	
570-78012-4	OW-8us	Total/NA	Water	245.1	
570-78012-5	OW-9u	Total/NA	Water	245.1	
570-78012-6	OW-10u	Total/NA	Water	245.1	
570-78012-7	OW-10m	Total/NA	Water	245.1	
570-78012-8	P-5	Total/NA	Water	245.1	
570-78012-9	CMW-2	Total/NA	Water	245.1	
570-78012-10	PAT-1	Total/NA	Water	245.1	
570-78012-11	QCMW	Total/NA	Water	245.1	
MB 570-200549/1-A	Method Blank	Total/NA	Water	245.1	
LCS 570-200549/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 570-200549/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	
570-78012-3 MS	OW-7m	Total/NA	Water	245.1	
570-78012-3 MSD	OW-7m	Total/NA	Water	245.1	
570-78012-4 MS	OW-8us	Total/NA	Water	245.1	
570-78012-4 MSD	OW-8us	Total/NA	Water	245.1	

Analysis Batch: 200566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-1	MW-3	Total Recoverable	Water	200.8	200541
570-78012-2	OW-7u	Total Recoverable	Water	200.8	200541
570-78012-3	OW-7m	Total Recoverable	Water	200.8	200541
570-78012-4	OW-8us	Total Recoverable	Water	200.8	200541
570-78012-5	OW-9u	Total Recoverable	Water	200.8	200541
570-78012-6	OW-10u	Total Recoverable	Water	200.8	200541
570-78012-7	OW-10m	Total Recoverable	Water	200.8	200541
570-78012-8	P-5	Total Recoverable	Water	200.8	200541
570-78012-9	CMW-2	Total Recoverable	Water	200.8	200541
570-78012-10	PAT-1	Total Recoverable	Water	200.8	200541
570-78012-11	QCMW	Total Recoverable	Water	200.8	200541
MB 570-200541/1-A	Method Blank	Total Recoverable	Water	200.8	200541
LCS 570-200541/2-A	Lab Control Sample	Total Recoverable	Water	200.8	200541
LCSD 570-200541/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	200541
570-78012-1 MS	MW-3	Total Recoverable	Water	200.8	200541
570-78012-1 MSD	MW-3	Total Recoverable	Water	200.8	200541
570-78012-11 MS	QCMW	Total Recoverable	Water	200.8	200541
570-78012-11 MSD	QCMW	Total Recoverable	Water	200.8	200541

Metals

Analysis Batch: 200936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-1	MW-3	Total/NA	Water	245.1	200549
570-78012-2	OW-7u	Total/NA	Water	245.1	200549
570-78012-3	OW-7m	Total/NA	Water	245.1	200549
570-78012-4	OW-8us	Total/NA	Water	245.1	200549
570-78012-5	OW-9u	Total/NA	Water	245.1	200549
570-78012-6	OW-10u	Total/NA	Water	245.1	200549
570-78012-7	OW-10m	Total/NA	Water	245.1	200549
570-78012-8	P-5	Total/NA	Water	245.1	200549
570-78012-9	CMW-2	Total/NA	Water	245.1	200549
570-78012-10	PAT-1	Total/NA	Water	245.1	200549
570-78012-11	QCMW	Total/NA	Water	245.1	200549
MB 570-200549/1-A	Method Blank	Total/NA	Water	245.1	200549
LCS 570-200549/2-A	Lab Control Sample	Total/NA	Water	245.1	200549
LCSD 570-200549/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	200549
570-78012-3 MS	OW-7m	Total/NA	Water	245.1	200549
570-78012-3 MSD	OW-7m	Total/NA	Water	245.1	200549
570-78012-4 MS	OW-8us	Total/NA	Water	245.1	200549
570-78012-4 MSD	OW-8us	Total/NA	Water	245.1	200549

Analysis Batch: 201052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-1	MW-3	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-2	OW-7u	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-3	OW-7m	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-4	OW-8us	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-5	OW-9u	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-6	OW-10u	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-7	OW-10m	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-8	P-5	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-9	CMW-2	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-10	PAT-1	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-11	QCMW	Total Recoverable	Water	200.7 Rev 4.4	200529
MB 570-200529/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	200529
LCS 570-200529/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	200529
LCSD 570-200529/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-1 MS	MW-3	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-1 MSD	MW-3	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-2 MS	OW-7u	Total Recoverable	Water	200.7 Rev 4.4	200529
570-78012-2 MSD	OW-7u	Total Recoverable	Water	200.7 Rev 4.4	200529

General Chemistry

Analysis Batch: 199650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-1	MW-3	Total/NA	Water	SM 2130B	
570-78012-2	OW-7u	Total/NA	Water	SM 2130B	
570-78012-3	OW-7m	Total/NA	Water	SM 2130B	
570-78012-4	OW-8us	Total/NA	Water	SM 2130B	
570-78012-5	OW-9u	Total/NA	Water	SM 2130B	
570-78012-6	OW-10u	Total/NA	Water	SM 2130B	
570-78012-7	OW-10m	Total/NA	Water	SM 2130B	

General Chemistry (Continued)

Analysis Batch: 199650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-8	P-5	Total/NA	Water	SM 2130B	
LCSSRM 570-199650/1	Lab Control Sample	Total/NA	Water	SM 2130B	
LCSSRM 570-199650/2	Lab Control Sample	Total/NA	Water	SM 2130B	
LCSSRM 570-199650/3	Lab Control Sample	Total/NA	Water	SM 2130B	

Analysis Batch: 199963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-1	MW-3	Total/NA	Water	SM 2540C	
570-78012-2	OW-7u	Total/NA	Water	SM 2540C	
570-78012-3	OW-7m	Total/NA	Water	SM 2540C	
570-78012-4	OW-8us	Total/NA	Water	SM 2540C	
570-78012-5	OW-9u	Total/NA	Water	SM 2540C	
570-78012-6	OW-10u	Total/NA	Water	SM 2540C	
570-78012-7	OW-10m	Total/NA	Water	SM 2540C	
570-78012-8	P-5	Total/NA	Water	SM 2540C	
570-78012-9	CMW-2	Total/NA	Water	SM 2540C	
570-78012-10	PAT-1	Total/NA	Water	SM 2540C	
570-78012-11	QCMW	Total/NA	Water	SM 2540C	
MB 570-199963/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-199963/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-199963/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 199994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-9	CMW-2	Total/NA	Water	SM 2130B	
570-78012-10	PAT-1	Total/NA	Water	SM 2130B	
570-78012-11	QCMW	Total/NA	Water	SM 2130B	
LCSSRM 570-199994/1	Lab Control Sample	Total/NA	Water	SM 2130B	
LCSSRM 570-199994/2	Lab Control Sample	Total/NA	Water	SM 2130B	
LCSSRM 570-199994/3	Lab Control Sample	Total/NA	Water	SM 2130B	

Analysis Batch: 200019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-1	MW-3	Total/NA	Water	SM 2320B	
570-78012-2	OW-7u	Total/NA	Water	SM 2320B	
570-78012-3	OW-7m	Total/NA	Water	SM 2320B	
570-78012-4	OW-8us	Total/NA	Water	SM 2320B	
570-78012-5	OW-9u	Total/NA	Water	SM 2320B	
570-78012-6	OW-10u	Total/NA	Water	SM 2320B	
570-78012-7	OW-10m	Total/NA	Water	SM 2320B	
570-78012-8	P-5	Total/NA	Water	SM 2320B	
570-78012-9	CMW-2	Total/NA	Water	SM 2320B	
570-78012-10	PAT-1	Total/NA	Water	SM 2320B	
570-78012-11	QCMW	Total/NA	Water	SM 2320B	
MB 570-200019/1	Method Blank	Total/NA	Water	SM 2320B	
LCS 570-200019/2	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 570-200019/3	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
570-78012-2 DU	OW-7u	Total/NA	Water	SM 2320B	

Client: TEAM Engineering & Management, Inc.
Job ID: 570-78012-1
Project/Site: CG Roxane

General Chemistry

Analysis Batch: 201374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-78012-1	MW-3	Total/NA	Water	SM 4500 H+ B	
570-78012-2	OW-7u	Total/NA	Water	SM 4500 H+ B	
570-78012-3	OW-7m	Total/NA	Water	SM 4500 H+ B	
570-78012-4	OW-8us	Total/NA	Water	SM 4500 H+ B	
570-78012-5	OW-9u	Total/NA	Water	SM 4500 H+ B	
570-78012-6	OW-10u	Total/NA	Water	SM 4500 H+ B	
570-78012-7	OW-10m	Total/NA	Water	SM 4500 H+ B	
570-78012-8	P-5	Total/NA	Water	SM 4500 H+ B	
570-78012-9	CMW-2	Total/NA	Water	SM 4500 H+ B	
570-78012-10	PAT-1	Total/NA	Water	SM 4500 H+ B	
570-78012-11	QCMW	Total/NA	Water	SM 4500 H+ B	
570-78012-1 DU	MW-3	Total/NA	Water	SM 4500 H+ B	

Client Sample ID: MW-3

Lab Sample ID: 570-78012-1

Date Collected: 12/07/21 10:10

Matrix: Water

Date Received: 12/08/21 10:30

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			200663	12/14/21 01:46	URMH	ECL 1
	Instrument ID: IC15									
Total Recoverable	Prep	200.7			50 mL	50 mL	200529	12/13/21 08:59	WL8G	ECL 1
Total Recoverable	Analysis	200.7 Rev 4.4		1			201052	12/14/21 19:20	ULPF	ECL 1
	Instrument ID: ICP8									
Total Recoverable	Prep	200.8			50 mL	50 mL	200541	12/13/21 10:15	WL8G	ECL 1
Total Recoverable	Analysis	200.8		1			200566	12/14/21 00:11	UFLE	ECL 1
	Instrument ID: ICPMS05									
Total/NA	Prep	245.1			50 mL	100 mL	200549	12/13/21 10:19	WL8G	ECL 1
Total/NA	Analysis	245.1		1			200936	12/14/21 13:14	VWJ7	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2130B		1			199650	12/08/21 19:58	WN6Y	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	200019	12/10/21 07:46	ZHU8	ECL 1
	Instrument ID: PH1									
Total/NA	Analysis	SM 2540C		1	40 mL	20 mL	199963	12/09/21 18:23	VWM4	ECL 1
	Instrument ID: BAL87									
Total/NA	Analysis	SM 4500 H+ B		1			201374	12/15/21 19:45	UAPD	ECL 1
	Instrument ID: PH4									

Client Sample ID: OW-7u

Lab Sample ID: 570-78012-2

Date Collected: 12/07/21 12:00

Matrix: Water

Date Received: 12/08/21 10:30

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			200663	12/14/21 02:04	URMH	ECL 1
	Instrument ID: IC15									
Total Recoverable	Prep	200.7			50 mL	50 mL	200529	12/13/21 08:59	WL8G	ECL 1
Total Recoverable	Analysis	200.7 Rev 4.4		1			201052	12/14/21 19:27	ULPF	ECL 1
	Instrument ID: ICP8									
Total Recoverable	Prep	200.8			50 mL	50 mL	200541	12/13/21 10:15	WL8G	ECL 1
Total Recoverable	Analysis	200.8		1			200566	12/14/21 00:20	UFLE	ECL 1
	Instrument ID: ICPMS05									
Total/NA	Prep	245.1			50 mL	100 mL	200549	12/13/21 10:19	WL8G	ECL 1
Total/NA	Analysis	245.1		1			200936	12/14/21 13:19	VWJ7	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2130B		1			199650	12/08/21 19:58	WN6Y	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	200019	12/10/21 07:46	ZHU8	ECL 1
	Instrument ID: PH1									
Total/NA	Analysis	SM 2540C		1	40 mL	20 mL	199963	12/09/21 18:23	VWM4	ECL 1
	Instrument ID: BAL87									
Total/NA	Analysis	SM 4500 H+ B		1			201374	12/15/21 19:45	UAPD	ECL 1
	Instrument ID: PH4									

Client Sample ID: OW-7m

Date Collected: 12/07/21 12:15
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-3

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			200663	12/14/21 02:22	URMH	ECL 1
	Instrument ID: IC15									
Total Recoverable	Prep	200.7			50 mL	50 mL	200529	12/13/21 08:59	WL8G	ECL 1
Total Recoverable	Analysis	200.7 Rev 4.4		1			201052	12/14/21 19:33	ULPF	ECL 1
	Instrument ID: ICP8									
Total Recoverable	Prep	200.8			50 mL	50 mL	200541	12/13/21 10:15	WL8G	ECL 1
Total Recoverable	Analysis	200.8		1			200566	12/14/21 00:23	UFLE	ECL 1
	Instrument ID: ICPMS05									
Total/NA	Prep	245.1			50 mL	100 mL	200549	12/13/21 10:19	WL8G	ECL 1
Total/NA	Analysis	245.1		1			200936	12/14/21 13:03	VWJ7	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2130B		1			199650	12/08/21 19:58	WN6Y	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	200019	12/10/21 07:46	ZHU8	ECL 1
	Instrument ID: PH1									
Total/NA	Analysis	SM 2540C		1	40 mL	20 mL	199963	12/09/21 18:23	VWM4	ECL 1
	Instrument ID: BAL87									
Total/NA	Analysis	SM 4500 H+ B		1			201374	12/15/21 19:45	UAPD	ECL 1
	Instrument ID: PH4									

Client Sample ID: OW-8us

Date Collected: 12/07/21 10:50
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-4

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			200663	12/14/21 02:40	URMH	ECL 1
	Instrument ID: IC15									
Total Recoverable	Prep	200.7			50 mL	50 mL	200529	12/13/21 08:59	WL8G	ECL 1
Total Recoverable	Analysis	200.7 Rev 4.4		1			201052	12/14/21 19:43	ULPF	ECL 1
	Instrument ID: ICP8									
Total Recoverable	Prep	200.8			50 mL	50 mL	200541	12/13/21 10:15	WL8G	ECL 1
Total Recoverable	Analysis	200.8		1			200566	12/14/21 00:26	UFLE	ECL 1
	Instrument ID: ICPMS05									
Total/NA	Prep	245.1			50 mL	100 mL	200549	12/13/21 10:19	WL8G	ECL 1
Total/NA	Analysis	245.1		1			200936	12/14/21 13:08	VWJ7	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2130B		1			199650	12/08/21 19:58	WN6Y	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	200019	12/10/21 07:46	ZHU8	ECL 1
	Instrument ID: PH1									
Total/NA	Analysis	SM 2540C		1	40 mL	20 mL	199963	12/09/21 18:23	VWM4	ECL 1
	Instrument ID: BAL87									
Total/NA	Analysis	SM 4500 H+ B		1			201374	12/15/21 19:45	UAPD	ECL 1
	Instrument ID: PH4									

Client Sample ID: OW-9u

Lab Sample ID: 570-78012-5

Date Collected: 12/07/21 12:10

Matrix: Water

Date Received: 12/08/21 10:30

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			200663	12/14/21 02:58	URMH	ECL 1
	Instrument ID: IC15									
Total Recoverable	Prep	200.7			50 mL	50 mL	200529	12/13/21 08:59	WL8G	ECL 1
Total Recoverable	Analysis	200.7 Rev 4.4		1			201052	12/14/21 19:45	ULPF	ECL 1
	Instrument ID: ICP8									
Total Recoverable	Prep	200.8			50 mL	50 mL	200541	12/13/21 10:15	WL8G	ECL 1
Total Recoverable	Analysis	200.8		1			200566	12/14/21 00:30	UFLE	ECL 1
	Instrument ID: ICPMS05									
Total/NA	Prep	245.1			50 mL	100 mL	200549	12/13/21 10:19	WL8G	ECL 1
Total/NA	Analysis	245.1		1			200936	12/14/21 13:21	VWJ7	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2130B		1			199650	12/08/21 19:58	WN6Y	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	200019	12/10/21 07:46	ZHU8	ECL 1
	Instrument ID: PH1									
Total/NA	Analysis	SM 2540C		1	40 mL	20 mL	199963	12/09/21 18:23	VWM4	ECL 1
	Instrument ID: BAL87									
Total/NA	Analysis	SM 4500 H+ B		1			201374	12/15/21 19:45	UAPD	ECL 1
	Instrument ID: PH4									

Client Sample ID: OW-10u

Lab Sample ID: 570-78012-6

Date Collected: 12/07/21 11:28

Matrix: Water

Date Received: 12/08/21 10:30

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			200663	12/14/21 03:15	URMH	ECL 1
	Instrument ID: IC15									
Total Recoverable	Prep	200.7			50 mL	50 mL	200529	12/13/21 08:59	WL8G	ECL 1
Total Recoverable	Analysis	200.7 Rev 4.4		1			201052	12/14/21 19:47	ULPF	ECL 1
	Instrument ID: ICP8									
Total Recoverable	Prep	200.8			50 mL	50 mL	200541	12/13/21 10:15	WL8G	ECL 1
Total Recoverable	Analysis	200.8		1			200566	12/14/21 00:42	UFLE	ECL 1
	Instrument ID: ICPMS05									
Total/NA	Prep	245.1			50 mL	100 mL	200549	12/13/21 10:19	WL8G	ECL 1
Total/NA	Analysis	245.1		1			200936	12/14/21 13:23	VWJ7	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2130B		1			199650	12/08/21 19:58	WN6Y	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	200019	12/10/21 07:46	ZHU8	ECL 1
	Instrument ID: PH1									
Total/NA	Analysis	SM 2540C		1	40 mL	20 mL	199963	12/09/21 18:23	VWM4	ECL 1
	Instrument ID: BAL87									
Total/NA	Analysis	SM 4500 H+ B		1			201374	12/15/21 19:45	UAPD	ECL 1
	Instrument ID: PH4									

Client Sample ID: OW-10m

Lab Sample ID: 570-78012-7

Date Collected: 12/07/21 11:05

Matrix: Water

Date Received: 12/08/21 10:30

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			200663	12/14/21 04:09	URMH	ECL 1
	Instrument ID: IC15									
Total Recoverable	Prep	200.7			50 mL	50 mL	200529	12/13/21 08:59	WL8G	ECL 1
Total Recoverable	Analysis	200.7 Rev 4.4		1			201052	12/14/21 19:49	ULPF	ECL 1
	Instrument ID: ICP8									
Total Recoverable	Prep	200.8			50 mL	50 mL	200541	12/13/21 10:15	WL8G	ECL 1
Total Recoverable	Analysis	200.8		1			200566	12/14/21 00:46	UFLE	ECL 1
	Instrument ID: ICPMS05									
Total/NA	Prep	245.1			50 mL	100 mL	200549	12/13/21 10:19	WL8G	ECL 1
Total/NA	Analysis	245.1		1			200936	12/14/21 13:25	VWJ7	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2130B		1			199650	12/08/21 19:58	WN6Y	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	200019	12/10/21 07:46	ZHU8	ECL 1
	Instrument ID: PH1									
Total/NA	Analysis	SM 2540C		1	40 mL	20 mL	199963	12/09/21 18:23	VWM4	ECL 1
	Instrument ID: BAL87									
Total/NA	Analysis	SM 4500 H+ B		1			201374	12/15/21 19:45	UAPD	ECL 1
	Instrument ID: PH4									

Client Sample ID: P-5

Lab Sample ID: 570-78012-8

Date Collected: 12/07/21 10:40

Matrix: Water

Date Received: 12/08/21 10:30

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			200663	12/14/21 04:27	URMH	ECL 1
	Instrument ID: IC15									
Total Recoverable	Prep	200.7			50 mL	50 mL	200529	12/13/21 08:59	WL8G	ECL 1
Total Recoverable	Analysis	200.7 Rev 4.4		1			201052	12/14/21 19:51	ULPF	ECL 1
	Instrument ID: ICP8									
Total Recoverable	Prep	200.8			50 mL	50 mL	200541	12/13/21 10:15	WL8G	ECL 1
Total Recoverable	Analysis	200.8		1			200566	12/14/21 00:49	UFLE	ECL 1
	Instrument ID: ICPMS05									
Total/NA	Prep	245.1			50 mL	100 mL	200549	12/13/21 10:19	WL8G	ECL 1
Total/NA	Analysis	245.1		1			200936	12/14/21 13:27	VWJ7	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2130B		1			199650	12/08/21 19:58	WN6Y	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	200019	12/10/21 07:46	ZHU8	ECL 1
	Instrument ID: PH1									
Total/NA	Analysis	SM 2540C		1	40 mL	20 mL	199963	12/09/21 18:23	VWM4	ECL 1
	Instrument ID: BAL87									
Total/NA	Analysis	SM 4500 H+ B		1			201374	12/15/21 19:45	UAPD	ECL 1
	Instrument ID: PH4									

Client Sample ID: CMW-2

Lab Sample ID: 570-78012-9

Date Collected: 12/06/21 09:45

Matrix: Water

Date Received: 12/08/21 10:30

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			200663	12/14/21 04:45	URMH	ECL 1
	Instrument ID: IC15									
Total Recoverable	Prep	200.7			50 mL	50 mL	200529	12/13/21 08:59	WL8G	ECL 1
Total Recoverable	Analysis	200.7 Rev 4.4		1			201052	12/14/21 19:53	ULPF	ECL 1
	Instrument ID: ICP8									
Total Recoverable	Prep	200.8			50 mL	50 mL	200541	12/13/21 10:15	WL8G	ECL 1
Total Recoverable	Analysis	200.8		1			200566	12/14/21 00:52	UFLE	ECL 1
	Instrument ID: ICPMS05									
Total/NA	Prep	245.1			50 mL	100 mL	200549	12/13/21 10:19	WL8G	ECL 1
Total/NA	Analysis	245.1		1			200936	12/14/21 13:29	VWJ7	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2130B		1			199994	12/09/21 21:35	WN6Y	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	200019	12/10/21 07:46	ZHU8	ECL 1
	Instrument ID: PH1									
Total/NA	Analysis	SM 2540C		1	40 mL	20 mL	199963	12/09/21 18:23	VWM4	ECL 1
	Instrument ID: BAL87									
Total/NA	Analysis	SM 4500 H+ B		1			201374	12/15/21 19:45	UAPD	ECL 1
	Instrument ID: PH4									

Client Sample ID: PAT-1

Lab Sample ID: 570-78012-10

Date Collected: 12/06/21 10:10

Matrix: Water

Date Received: 12/08/21 10:30

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			200663	12/14/21 05:03	URMH	ECL 1
	Instrument ID: IC15									
Total Recoverable	Prep	200.7			50 mL	50 mL	200529	12/13/21 08:59	WL8G	ECL 1
Total Recoverable	Analysis	200.7 Rev 4.4		1			201052	12/14/21 19:55	ULPF	ECL 1
	Instrument ID: ICP8									
Total Recoverable	Prep	200.8			50 mL	50 mL	200541	12/13/21 10:15	WL8G	ECL 1
Total Recoverable	Analysis	200.8		1			200566	12/14/21 00:55	UFLE	ECL 1
	Instrument ID: ICPMS05									
Total/NA	Prep	245.1			50 mL	100 mL	200549	12/13/21 10:19	WL8G	ECL 1
Total/NA	Analysis	245.1		1			200936	12/14/21 13:31	VWJ7	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2130B		1			199994	12/09/21 21:35	WN6Y	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	200019	12/10/21 07:46	ZHU8	ECL 1
	Instrument ID: PH1									
Total/NA	Analysis	SM 2540C		1	40 mL	20 mL	199963	12/09/21 18:23	VWM4	ECL 1
	Instrument ID: BAL87									
Total/NA	Analysis	SM 4500 H+ B		1			201374	12/15/21 19:45	UAPD	ECL 1
	Instrument ID: PH4									

Lab Chronicle

Client: TEAM Engineering & Management, Inc.
Project/Site: CG Roxane

Job ID: 570-78012-1

Client Sample ID: QCMW

Date Collected: 12/06/21 00:00
Date Received: 12/08/21 10:30

Lab Sample ID: 570-78012-11

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			200663	12/14/21 05:21	URMH	ECL 1
	Instrument ID: IC15									
Total Recoverable	Prep	200.7			50 mL	50 mL	200529	12/13/21 08:59	WL8G	ECL 1
Total Recoverable	Analysis	200.7 Rev 4.4		1			201052	12/14/21 19:58	ULPF	ECL 1
	Instrument ID: ICP8									
Total Recoverable	Prep	200.8			50 mL	50 mL	200541	12/13/21 10:15	WL8G	ECL 1
Total Recoverable	Analysis	200.8		1			200566	12/14/21 00:58	UFLE	ECL 1
	Instrument ID: ICPMS05									
Total/NA	Prep	245.1			50 mL	100 mL	200549	12/13/21 10:19	WL8G	ECL 1
Total/NA	Analysis	245.1		1			200936	12/14/21 13:32	VWJ7	ECL 1
	Instrument ID: HG7									
Total/NA	Analysis	SM 2130B		1			199994	12/09/21 21:35	WN6Y	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	50 mL	50 mL	200019	12/10/21 07:46	ZHU8	ECL 1
	Instrument ID: PH1									
Total/NA	Analysis	SM 2540C		1	40 mL	20 mL	199963	12/09/21 18:23	VWM4	ECL 1
	Instrument ID: BAL87									
Total/NA	Analysis	SM 4500 H+ B		1			201374	12/15/21 19:45	UAPD	ECL 1
	Instrument ID: PH4									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: TEAM Engineering & Management, Inc. Job ID: 570-78012-1
Project/Site: CG Roxane

Laboratory: Eurofins Calscience LLC

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

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22

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	CA300001	01-30-22

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

Method Summary

Client: TEAM Engineering & Management, Inc.
Project/Site: CG Roxane

Job ID: 570-78012-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
200.7 Rev 4.4	Metals (ICP)	EPA	ECL 1
200.8	Metals (ICP/MS)	EPA	ECL 1
245.1	Mercury (CVAA)	EPA	ECL 1
SM 2130B	Turbidity	SM	ECL 1
SM 2320B	Alkalinity	SM	ECL 1
SM 2540C	Solids, Total Dissolved (TDS)	SM	ECL 1
SM 4500 H+ B	pH	SM	ECL 1
200.7	Preparation, Total Recoverable Metals	EPA	ECL 1
200.8	Preparation, Total Recoverable Metals	EPA	ECL 1
245.1	Preparation, Mercury	EPA	ECL 1

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: TEAM Engineering & Management, Inc.
Project/Site: CG Roxane

Job ID: 570-78012-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-78012-1	MW-3	Water	12/07/21 10:10	12/08/21 10:30
570-78012-2	OW-7u	Water	12/07/21 12:00	12/08/21 10:30
570-78012-3	OW-7m	Water	12/07/21 12:15	12/08/21 10:30
570-78012-4	OW-8us	Water	12/07/21 10:50	12/08/21 10:30
570-78012-5	OW-9u	Water	12/07/21 12:10	12/08/21 10:30
570-78012-6	OW-10u	Water	12/07/21 11:28	12/08/21 10:30
570-78012-7	OW-10m	Water	12/07/21 11:05	12/08/21 10:30
570-78012-8	P-5	Water	12/07/21 10:40	12/08/21 10:30
570-78012-9	CMW-2	Water	12/06/21 09:45	12/08/21 10:30
570-78012-10	PAT-1	Water	12/06/21 10:10	12/08/21 10:30
570-78012-11	QCMW	Water	12/06/21 00:00	12/08/21 10:30

eurofins | Calscience

CHAIN OF CUSTODY RECORD

570-78012 Chain of Custody

DATE: 12/07/21

PAGE: 1 OF 2

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

LABORATORY CLIENT: TEAM Engineering & Management, Inc

ADDRESS: P O Box 1265

CITY: Bishop STATE: CA ZIP: 93514

TEL: 760-872-1033 E-MAIL: naomi@teambishop.com, richard@teambishop.com

CLIENT PROJECT NAME / NUMBER: CG Roxane

P O NO:

PROJECT CONTACT: Naomi Jensen - TEAM / Ryan Smith - CG Roxane

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

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	MW-3	12/07/21	10 10	GW	4	2	2	0	x	x	x	x	x	x	x
2	OW-7u	12/07/21	12 00	GW	4	2	2	0	x	x	x	x	x	x	x
3	OW-7m	12/07/21	12.15	GW	4	2	2	0	x	x	x	x	x	x	x
4	OW-8us	12/06/21	10.50	GW	4	2	2	0	x	x	x	x	x	x	x
5	OW-9u	12/06/21	12.10	GW	4	2	2	0	x	x	x	x	x	x	x
6	OW-10u	12/07/21	11 28	GW	4	2	2	0	x	x	x	x	x	x	x
7	OW-10m	12/07/21	11 05	GW	4	2	2	0	x	x	x	x	x	x	x
8	P-5	12/07/21	10 40	GW	4	2	2	0	x	x	x	x	x	x	x
9	CMW-2	12/06/21	9 45	GW	4	2	2	0	x	x	x	x	x	x	x
10	PAT-1	12/06/21	10:10	GW	4	2	2	0	x	x	x	x	x	x	x

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 12/7/21	Time: 1500
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 12/8/21	Time: 10:30
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

1-6/2-5, 1-8/2-7 UCS

06/02/14 Revision

78012

CHAIN OF CUSTODY RECORD

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.

WO # / LAB USE ONLY

DATE: 12/07/21

PAGE: 2 OF 2

LABORATORY CLIENT: TEAM Engineering & Management, Inc.

ADDRESS: P O Box 1265

CITY: Bishop STATE: CA ZIP: 93514

TEL: 760-872-1033 E-MAIL: naomi@teambishop.com, richard@teambishop.com

CLIENT PROJECT NAME / NUMBER: CG Roxane

PO NO:

PROJECT CONTACT: Naomi Jensen - TEAM / Ryan Smith - CG Roxane

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

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	QCMW	12/06/21	0 00	GW	4	2	2	0	x	x	x	x	x	x	x

Relinquished by: (Signature) Richard Shore	Received by: (Signature/Affiliation) FEDEX	Date 12/7/21	Time 1500
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date 12/8/21	Time 10:30
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

06/02/14 Revision

12/16/2021

FedEx Ship Manager - Print Your Label(s)

ORIGIN ID:BIHA (760) 872-1033
NAOMI GARCIA
TEAM ENGINEERING & MANAGEMENT
459 W. LINE ST
PO BOX 1265
BISHOP, CA 93514
UNITED STATES US

SHIP DATE 07DEC21
ACTWGT 25 00 LB
CAD 4580111/INET4400

BILL SENDER

TO STEPHEN NOWAK
EUROFINS
7440 LINCOLN WAY

GARDEN GROVE CA 92841
(714) 895-5494 REF CG ROXANE
INV
PO DEPT

1 of 2

TRK# 0201 7754 2196 5340
MASTER

WED - 08 DEC 11:3(
PRIORITY OVERNIGH
DS
9284
SN

92 APVA

CA-US

12/7/21, 2 17 PM

FedEx Ship Manager - Print Your Label(s)

Loc 570
78012

ORIGIN ID:BIHA (760) 872-1033
NAOMI GARCIA
TEAM ENGINEERING & MANAGEMENT
459 W LINE ST
PO BOX 1265
BISHOP, CA 93514
UNITED STATES US

SHIP DATE: 07DEC21
ACTWGT 25 00 LB
CAD 4580111/INET4400

BILL SENDER

TO STEPHEN NOWAK
EUROFINS
7440 LINCOLN WAY

570-78012 Waybill

GARDEN GROVE CA 92841
(714) 895-5494 REF CG ROXANE
INV
PO DEPT

2 of 2

MPS# 0263 7754 2196 4804
Mstr# 7754 2196 5340

0201

WED - 08 DEC 11:30A
PRIORITY OVERNIGHT
DSR
92841
SNA

92 APVA

CA-US

12/7/21, 2 17 PM

Login Sample Receipt Checklist

Client: TEAM Engineering & Management, Inc.

Job Number: 570-78012-1

Login Number: 78012
List Number: 1
Creator: Vitente, Precy

List Source: Eurofins Calscience LLC

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)	True	
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: 12/14/2021

Naomi Garcia

TEAM Engineering & Management - Bishop
P O Box 1265
Bishop, CA 93515

Client Project:	CGR-GMMRP
BCL Project:	CG Roxane
BCL Work Order:	2138043
Invoice ID:	B437128

Enclosed are the results of analyses for samples received by the laboratory on 12/8/2021. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Eli Velazquez
Client Service Rep

Stuart Buttram
Technical Director

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

Table of Contents

BC Laboratories, Inc. — Chain of Custody Form

*Required Fields

Page 1 of 1

Report To: Client:* TEAM Engineering and Management, 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: naomi@teambishop.com, richard@teambishop	
Submission #: 12-138043	

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

Sample #	Sample Description	Date	Time	Matrix*	Odor
-1	MW-3	12/07/21	1010	GW	✓
-2	OW-7u	12/07/21	1200	GW	✓
-3	OW-7m	12/07/21	1215	GW	✓
-4	OW-8us	12/06/21	1050	GW	✓
-5	OW-9u	12/06/21	1210	GW	✓
-6	OW-10u	12/07/21	1128	GW	✓
-7	OW-10m	12/07/21	1105	GW	✓
-8	P-5	12/07/21	1040	GW	✓
-9	CMW-2	12/06/21	0945	GW	✓
-10	QCMW	12/06/21	0000	GW	✓
-11	PAT-1	12/06/21	1010	GW	✓

SHORT HOLDING TIME
~~Cr^{+6}~~ ~~NO_3~~ ~~NO_2~~ ~~OP~~ ~~SS~~
~~DO~~ ~~Cl_2~~ ~~BOD~~ ~~MBAS~~ ~~COD~~

CHK BY DISTRIBUTION
RA WORK
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:

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

Cost Center: _____ Global ID: _____

	Date	Time		Date	Time
1. Relinquished By: Richard Shore	12/07/21	1500	1.Received By: Fedex	12/07/21	
2. Relinquished By:			2.Received By:	12-8-21	1203
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

Chain of Custody and Cooler Receipt Form for 2138043 Page 2 of 3

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 2

Submission #: 21-38043

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex X UPS ☐ GSO / GLS ☐ Hand Delivery ☐ BC Lab Field Service ☐ Other ☐ (Specify)_____	Ice Chest X None ☐ Box ☐ Other ☐ (Specify)_____	YES ☐ NO ☑ W / S

Refrigerant: Ice ☐ Blue Ice X None ☐ Other ☐ Comments:

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

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

COC Received ☑ YES ☐ NO

Emissivity: 0.95 Container: Amber Thermometer ID: 274 Date/Time 12-8-21

Temperature: (A) 5.8 °C / (C) 5.9 °C Analyst Init SMH 12:03

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: CMS Date/Time: 12/8/21 1228

A = Actual / C = Corrected

Rev 22 04/13/21

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Chain of Custody and Cooler Receipt Form for 2138043 Page 3 of 3

BC LABORATORIES INC. — COOLER RECEIPT FORM — Page 1 Of 1

Submission #: 12-38043

SHIPPING INFORMATION
Fed Ex [X] UPS [ ] GSO / GLS [ ] Hand Delivery [ ]
BC Lab Field Service [ ] Other [ ] (Specify)_____

SHIPPING CONTAINER
Ice Chest [X] None [ ] Box [ ]
Other [ ] (Specify)_____

FREE LIQUID
YES [ ] NO [X]
W / S

Refrigerant: Ice [ ] Blue Ice [X] None [ ] Other [ ] Comments:

Custody Seals: Ice Chest [ ] (Intact? Yes [ ] No [ ]) Containers [ ] (Intact? Yes [ ] No [ ]) None [X] Comments:

All samples received? Yes [X] No [ ] All samples containers intact? Yes [X] No [ ] Description(s) match COC? Yes [X] No [ ]

COC Received
[X] YES [ ] NO

Emissivity: 0.95 Container: Amber Thermometer ID: 274
Temperature: (A) 5.8 °C / (C) 5.9 °C
Date/Time 12-8-21
Analyst Init SMH 12:03

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										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR	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: CMS Date/Time: 12/8/21 1228
A = Actual / C = Corrected

Rev 22 04/13/21
[S:\WPDocs\WordPerfect\LAB_DOCS\FORMS\SAWREC rev 20]

TEAM Engineering & Management - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2138043-01	**COC Number:**	---	**Receive Date:**	12/08/2021 12:03
	Project Number:	---	**Sampling Date:**	12/07/2021 10:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-3	**Lab Matrix:**	Water
	Sampled By:	---	**Sample Type:**	Groundwater
2138043-02	**COC Number:**	---	**Receive Date:**	12/08/2021 12:03
	Project Number:	---	**Sampling Date:**	12/07/2021 12:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	OW-7u	**Lab Matrix:**	Water
	Sampled By:	---	**Sample Type:**	Groundwater
2138043-03	**COC Number:**	---	**Receive Date:**	12/08/2021 12:03
	Project Number:	---	**Sampling Date:**	12/07/2021 12:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	OW-7m	**Lab Matrix:**	Water
	Sampled By:	---	**Sample Type:**	Groundwater
2138043-04	**COC Number:**	---	**Receive Date:**	12/08/2021 12:03
	Project Number:	---	**Sampling Date:**	12/07/2021 10:50
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	OW-8us	**Lab Matrix:**	Water
	Sampled By:	---	**Sample Type:**	Groundwater
2138043-05	**COC Number:**	---	**Receive Date:**	12/08/2021 12:03
	Project Number:	---	**Sampling Date:**	12/07/2021 12:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	OW-9u	**Lab Matrix:**	Water
	Sampled By:	---	**Sample Type:**	Groundwater
2138043-06	**COC Number:**	---	**Receive Date:**	12/08/2021 12:03
	Project Number:	---	**Sampling Date:**	12/07/2021 11:28
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	OW-10u	**Lab Matrix:**	Water
	Sampled By:	---	**Sample Type:**	Groundwater
2138043-07	**COC Number:**	---	**Receive Date:**	12/08/2021 12:03
	Project Number:	---	**Sampling Date:**	12/07/2021 11:05
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	OW-10m	**Lab Matrix:**	Water
	Sampled By:	---	**Sample Type:**	Groundwater

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Engineering & Management - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2138043-08	**COC Number:**	---	**Receive Date:**	12/08/2021 12:03
	Project Number:	---	**Sampling Date:**	12/07/2021 10:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	P-5	**Lab Matrix:**	Water
	Sampled By:	---	**Sample Type:**	Groundwater
2138043-09	**COC Number:**	---	**Receive Date:**	12/08/2021 12:03
	Project Number:	---	**Sampling Date:**	12/06/2021 09:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	CMW-2	**Lab Matrix:**	Water
	Sampled By:	---	**Sample Type:**	Groundwater
2138043-10	**COC Number:**	---	**Receive Date:**	12/08/2021 12:03
	Project Number:	---	**Sampling Date:**	12/06/2021 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	QCMW	**Lab Matrix:**	Water
	Sampled By:	---	**Sample Type:**	Groundwater
2138043-11	**COC Number:**	---	**Receive Date:**	12/08/2021 12:03
	Project Number:	---	**Sampling Date:**	12/06/2021 10:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	PAT-1	**Lab Matrix:**	Water
	Sampled By:	---	**Sample Type:**	Groundwater

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Engineering & Management - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

BCL Sample ID: 2138043-01 | **Client Sample Name:** MW-3, 12/7/2021 10:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Odor	No Obs Odor	Odor Units	1.0	1.0	SM-2150B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	12/08/21 13:00	12/08/21 13:00	JTM	MANUAL	1	B127183	No Prep

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Engineering & Management - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

BCL Sample ID: 2138043-02 | **Client Sample Name:** OW-7u, 12/7/2021 12:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Odor	No Obs Odor	Odor Units	1.0	1.0	SM-2150B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	12/08/21 13:00	12/08/21 13:00	JTM	MANUAL	1	B127183	No Prep

TEAM Engineering & Management - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

BCL Sample ID: 2138043-03 | **Client Sample Name:** OW-7m, 12/7/2021 12:15:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Odor	No Obs Odor	Odor Units	1.0	1.0	SM-2150B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	12/08/21 13:00	12/08/21 13:00	JTM	MANUAL	1	B127183	No Prep

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Engineering & Management - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

BCL Sample ID: 2138043-04 | **Client Sample Name:** OW-8us, 12/7/2021 10:50:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Odor	**100**	**Odor Units**	**1.0**	**1.0**	**SM-2150B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	12/08/21 13:00	12/08/21 13:00	JTM	MANUAL	1	B127183	No Prep

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Engineering & Management - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

BCL Sample ID: 2138043-05 | **Client Sample Name:** OW-9u, 12/7/2021 12:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Odor	**20**	**Odor Units**	**1.0**	**1.0**	**SM-2150B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	12/08/21 13:00	12/08/21 13:00	JTM	MANUAL	1	B127183	No Prep

Pace Analytical
ENVIRONMENTAL SCIENCES

TEAM Engineering & Management - Bishop
P O Box 1265
Bishop, CA 93515

Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

BCL Sample ID: 2138043-06 | **Client Sample Name:** OW-10u, 12/7/2021 11:28:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Odor	No Obs Odor	Odor Units	1.0	1.0	SM-2150B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	12/08/21 13:00	12/08/21 13:00	JTM	MANUAL	1	B127183	No Prep

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Bishop, CA 93515

Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

BCL Sample ID: 2138043-07 | **Client Sample Name:** OW-10m, 12/7/2021 11:05:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Odor	**20**	**Odor Units**	**1.0**	**1.0**	**SM-2150B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	12/08/21 13:00	12/08/21 13:00	JTM	MANUAL	1	B127183	No Prep

Pace Analytical
ENVIRONMENTAL SCIENCES

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Bishop, CA 93515

Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

BCL Sample ID: 2138043-08 | **Client Sample Name:** P-5, 12/7/2021 10:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Odor	No Obs Odor	Odor Units	1.0	1.0	SM-2150B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	12/08/21 13:00	12/08/21 13:00	JTM	MANUAL	1	B127183	No Prep

Pace Analytical
ENVIRONMENTAL SCIENCES

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Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

BCL Sample ID: 2138043-09 | **Client Sample Name:** CMW-2, 12/6/2021 9:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Odor	No Obs Odor	Odor Units	1.0	1.0	SM-2150B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	12/08/21 13:00	12/08/21 13:00	JTM	MANUAL	1	B127183	No Prep

Pace Analytical
ENVIRONMENTAL SCIENCES

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Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

BCL Sample ID: 2138043-10 | **Client Sample Name:** QCMW, 12/6/2021 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Odor	No Obs Odor	Odor Units	1.0	1.0	SM-2150B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	12/08/21 13:00	12/08/21 13:00	JTM	MANUAL	1	B127188	No Prep

Pace Analytical
ENVIRONMENTAL SCIENCES

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Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

Water Analysis (General Chemistry)

BCL Sample ID: 2138043-11 | **Client Sample Name:** PAT-1, 12/6/2021 10:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Odor	No Obs Odor	Odor Units	1.0	1.0	SM-2150B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	SM-2150B	12/08/21 13:00	12/08/21 13:00	JTM	MANUAL	1	B127188	No Prep

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Reported: 12/14/2021 6:05
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
QC Batch ID: B127183						
Odor	B127183-BLK1	ND	Odor Units	1.0	1.0	
QC Batch ID: B127188						
Odor	B127188-BLK1	No Obs Odor	Odor Units	1.0	1.0	

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Reported: 12/14/2021 6:05
Project: CG Roxane
Project Number: CGR-GMMRP
Project Manager: Naomi Garcia

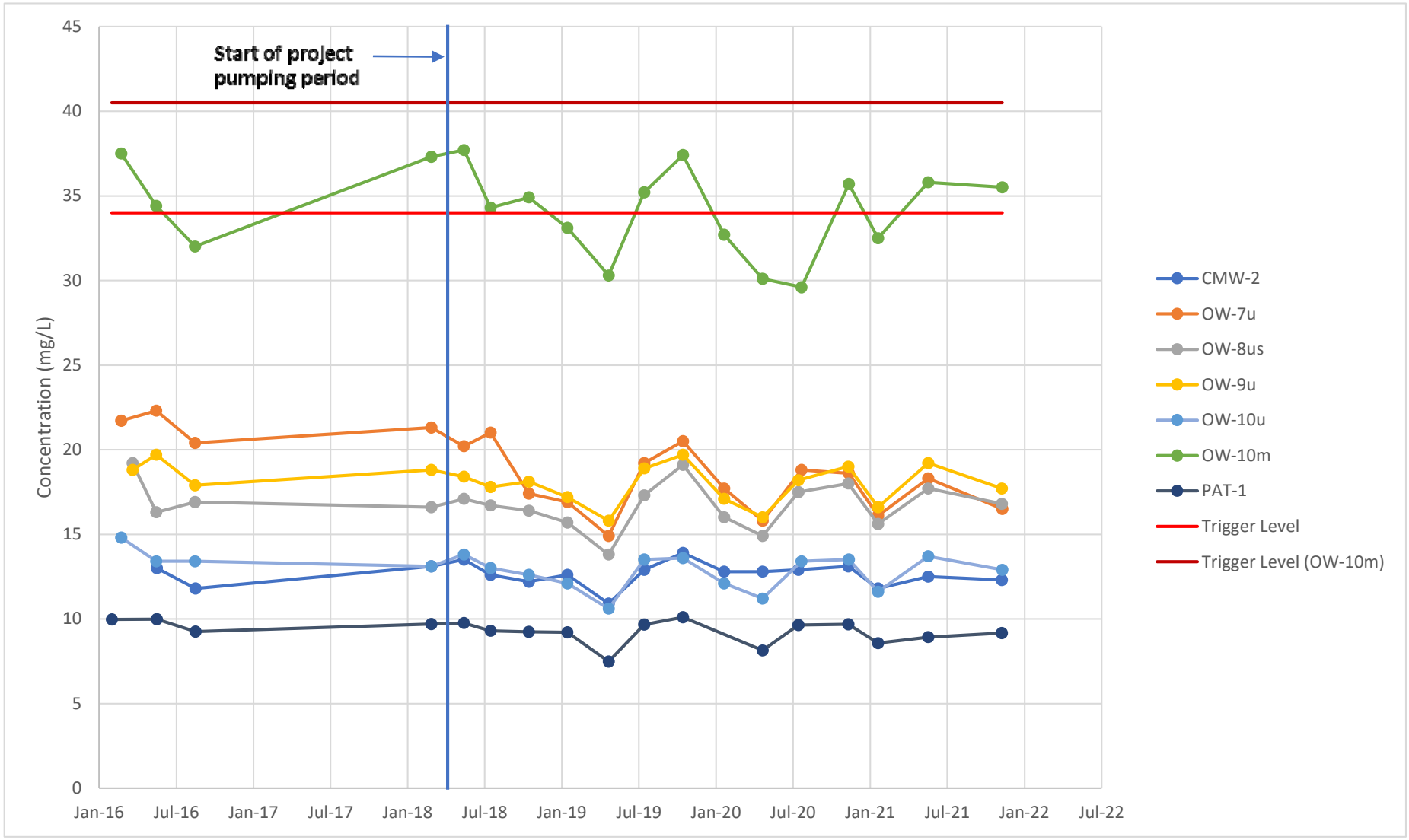
Notes And Definitions

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

ATTACHMENT C

STATISTICAL ANALYSIS GRAPHS

SODIUM CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



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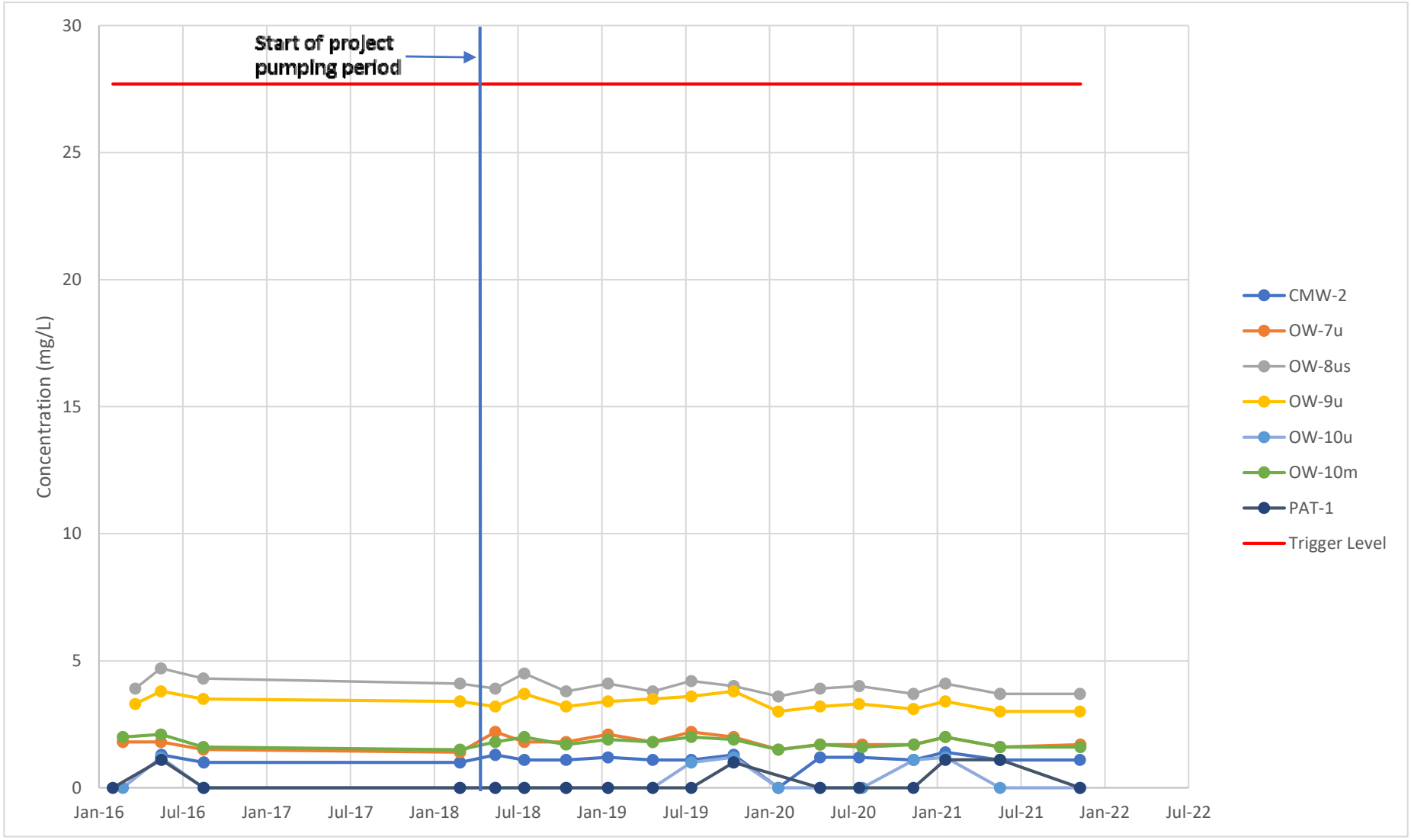
Bishop and Mammoth Lakes, California

CHLORIDE CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



BICARBONATE CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points

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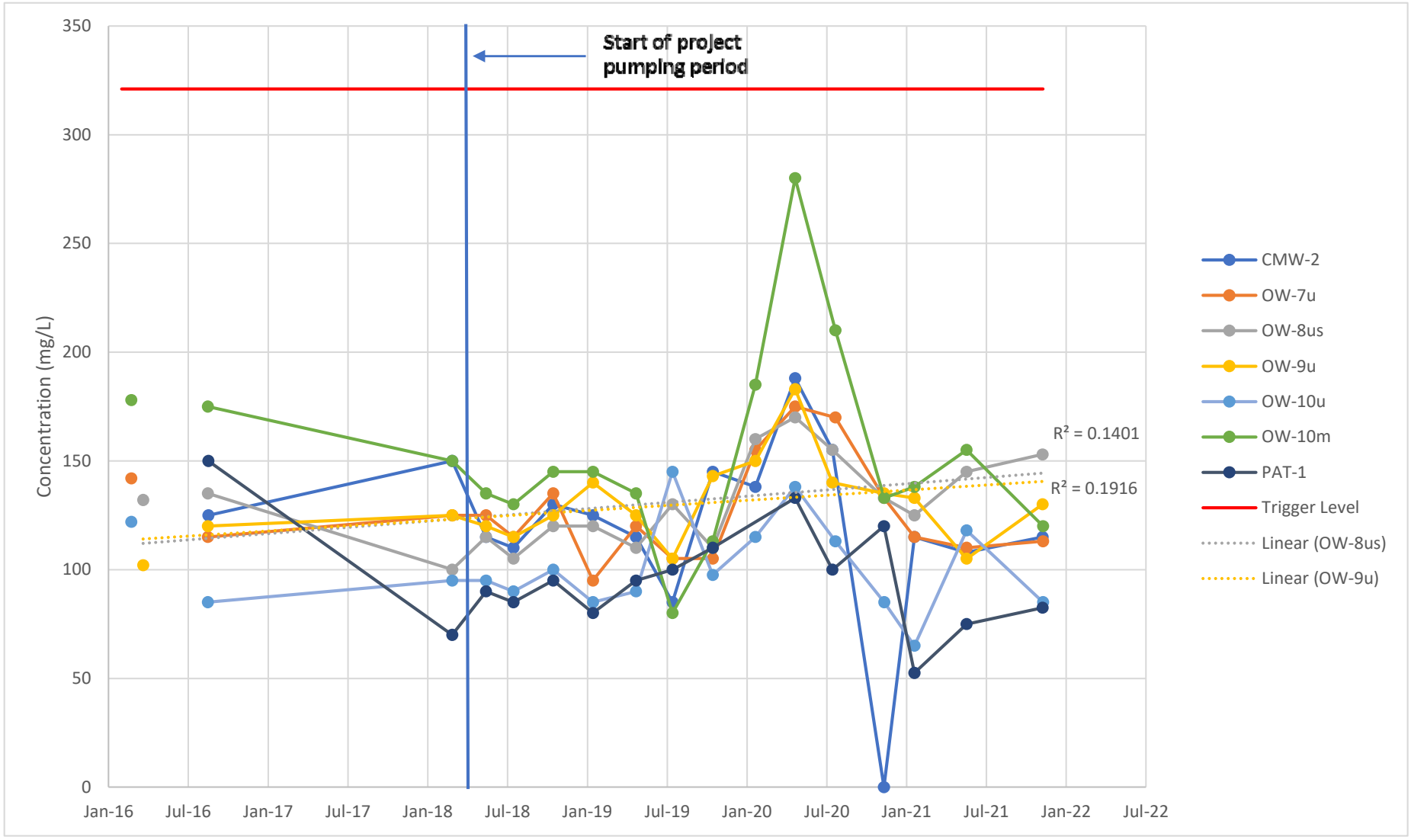
Bishop and Mammoth Lakes, California

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



Potentially increasing trendlines are projected 3 years forward from the most recent sampling date.

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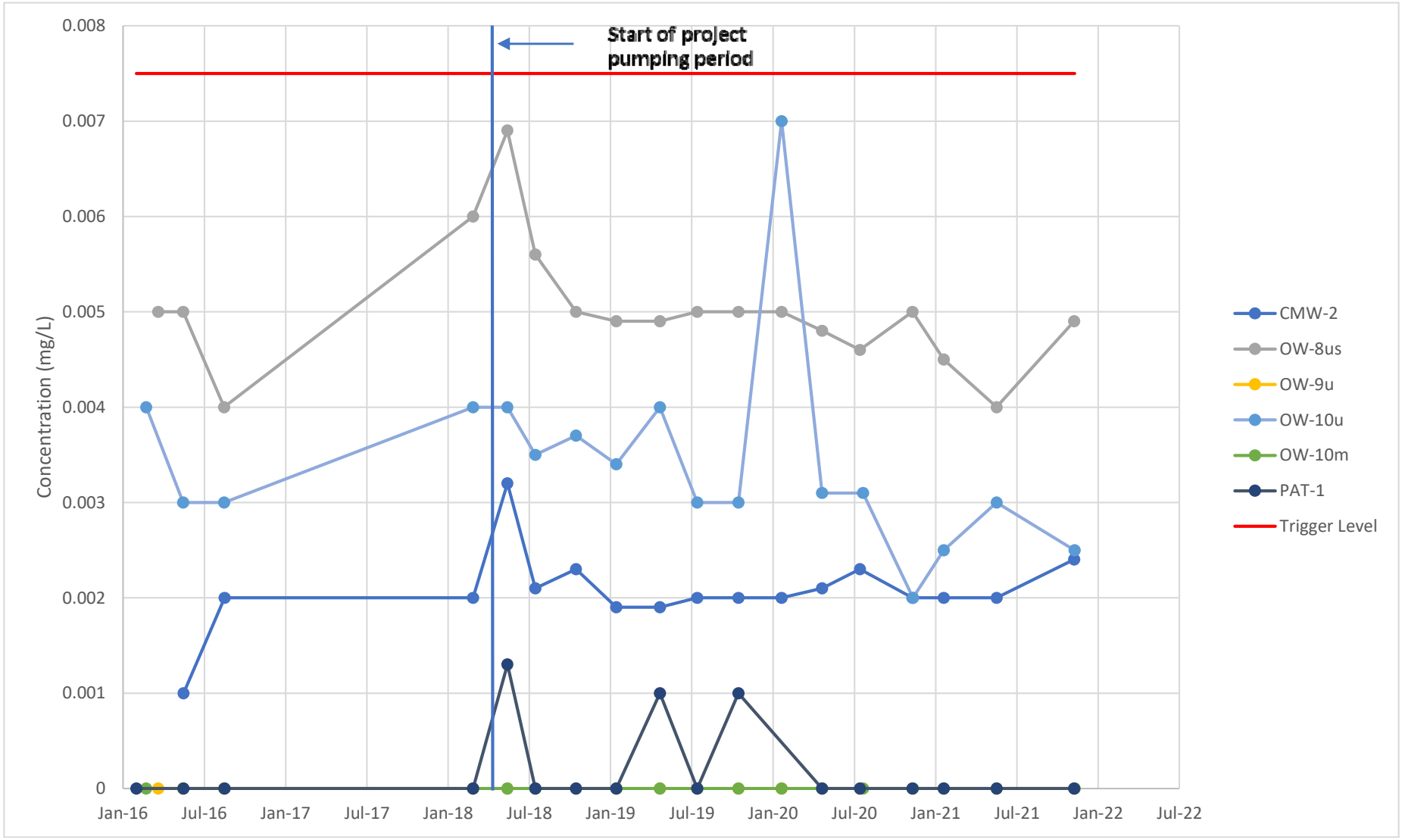
ARSENIC CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



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BARIUM CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points