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

October 7, 2020

RE: Recommendations for Reduced Monitoring per GMMRP
Crystal Geyser Roxane, Cabin Bar Ranch, Inyo County, California

Dear Dr. Steinwand:

On behalf of Crystal Geyser Roxane (CGR), this letter is a formal recommendation for a reduction in the frequency of water level monitoring and groundwater quality sampling at the Cabin Bar Ranch Bottling Facility in Olancha, California. The recommendations herein are supported by hydrologic monitoring data collected from 2016 through 2020 by TEAM Engineering & Management, Inc. (TEAM), in support of the 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.

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, the monitoring teams are to provide recommendations to the ICWD. Groundwater monitoring recommendations, developed in coordination with ICWD, are presented in the subsections below.

Water Level Monitoring Recommendations

Static depth-to-water (DTW) or pressure measurements have been collected from all fourteen monitoring points as defined in the GMMRP on a monthly basis by TEAM since March 2016 and are summarized in Table 2. Manual DTW measurements are 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). Transducer data for all fourteen wells have been downloaded on a monthly basis by TEAM since March 2016. The transducers collect and log data every four hours. The data from each datalogger are correlated to manual DTWs from the beginning of the monthly data period, or to the closest correlated data point when necessary. Hydrographs of each well have been provided in Attachment A.

The attached hydrographs show no declining trends in GWEs in any of the fourteen GMMRP wells since the datalogging systems were installed in 2016. In general, GWEs across the site have increased overall since monitoring began in 2016, while still exhibiting seasonal fluctuations throughout the year. GWE conditions have been monitored during both "wet" winters (2016-2017 and 2018-2019) and drought winters (2017-2018 and 2019-2020), and project pumping operations have shown no significant impacts to GWEs across the Cabin Bar Ranch project monitoring area.

Manual DTW measurements are collected monthly to ensure no trigger levels have been exceeded and to calibrate the transducer data that is also downloaded monthly. The hydrographs provided in Attachment A show that no trigger levels have been exceeded since the project began. GWE trigger levels and the most recent GWE measurements are also shown on Table 4.

A 3-month selection of transducer data (May to August 2020) was used to evaluate if there was any significant drift in the data collected during a quarterly period when calibrated only to a single quarterly manual DTW. The transducer data for all non-artesian monitoring wells correlates closely to the manual DTWs at each respective location. Wells CMW-2 and P-15 were chosen as sample datasets to represent different portions of the site (north and south) and different water level trends (stable and declining GWEs). The quarterly-calibrated hydrographs for these two wells show that the monthly manual DTW points collected during the same period all plot within the limits of the quarterly-calibrated transducer data, suggesting transducer data drift during the quarterly period is minimal. These quarterly-calibrated hydrographs are provided in Attachment B, along with monthly-calibrated hydrographs for each well during the same period for side-by-side comparison. A visual comparison of the two datasets also suggests the transducer data drift is minimal during the quarterly period.

Based on this qualitative analysis of GWEs at the Cabin Bar Ranch, the monitoring team recommends reducing the collection of both the manual DTWs and transducer data from a monthly to quarterly basis. There is no proposed reduction in the 4-hour logging frequency of the transducers. Reporting of water levels and transducer data will also be conducted on a quarterly basis.

Water Quality Monitoring Recommendations

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 since June 2018. The results of water quality analysis collected from GMMRP monitoring locations are summarized in Table 3.

As required in the GMMRP, statistical analysis of the six (6) designated water quality parameters (sodium, chloride, bicarbonate, total dissolved solids [TDS], arsenic, and barium) at all trigger well locations has been performed quarterly since February 2019, after the collection of four (4) quarterly water quality samples. Graphs showing the concentrations over time and trendlines for each of the six trigger wells are included in Attachment C. To date, no water quality triggers have been exceeded. However, the limited water quality data set is not yet large enough to show statistically significant trends or potential seasonal fluctuations. Therefore, the quarterly sampling is proposed to continue through the First Quarter of 2021. Two additional rounds of statistical analysis will be performed in the Fourth Quarter 2020 and First Quarter of 2021, at which point the data will be reassessed and the monitoring team will provide additional recommendations.

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 starting on March 1, 2016. Off-site wells CMW-2 and PAT-1 were also equipped with AquaTroll 200 transducers on September 1, 2016. The conductivity data is plotted on the hydrographs in Attachment A.

Conductivity data is not calibrated against a routine manual reading or measurement. Therefore, reducing the collection of transducer conductivity data from a monthly to quarterly basis would not impact the downloaded conductivity data. Reporting of water quality data will continue to be conducted on a quarterly basis.

Production Well Totalizer Readings Recommendations

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 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 current annual project pumping total, from March 18, 2020 to August 12, 2020, is approximately 116 acre-feet. There have been no exceedances of the annual allowable pumping amount during the project thus far. The totalizer readings and a summary of project pumping amounts are included in Table 6 for reference.

There are no proposed changes to the collection frequency of the monthly totalizer readings. The monitoring team recommends that TEAM collect the monthly totalizer readings during their quarterly water level monitoring and groundwater sampling events, and CGR staff collect the monthly totalizer readings during the months between the quarterly events. CGR staff will self-report the monthly totalizer readings to both the ICWD and TEAM for incorporation into their quarterly monitoring reports.

Anticipated Activities

Groundwater monitoring will continue as outlined in the GMMRP until the ICWD has an opportunity to review this Recommendation for Reduced Monitoring and provides further direction or approval. Collection of depth-to-water and download of transducer data is anticipated to be conducted in October 2020. In addition, totalizer readings from all three production wells (CGR-8, CGR-9, and CGR-10) will be collected in October 2020. Fourth Quarter 2020 groundwater sampling is anticipated to be conducted in November 2020. Monthly reporting and quarterly groundwater sampling will continue according to the requirements of the updated GMMRP.

* * * * * * *

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

Sincerely,

TEAM Engineering & Management, Inc.

Richard Shore
Project Geologist, P.G.

Geosyntec Consultants, Inc.

Kevin Coffman
Senior Geologist, P.G.

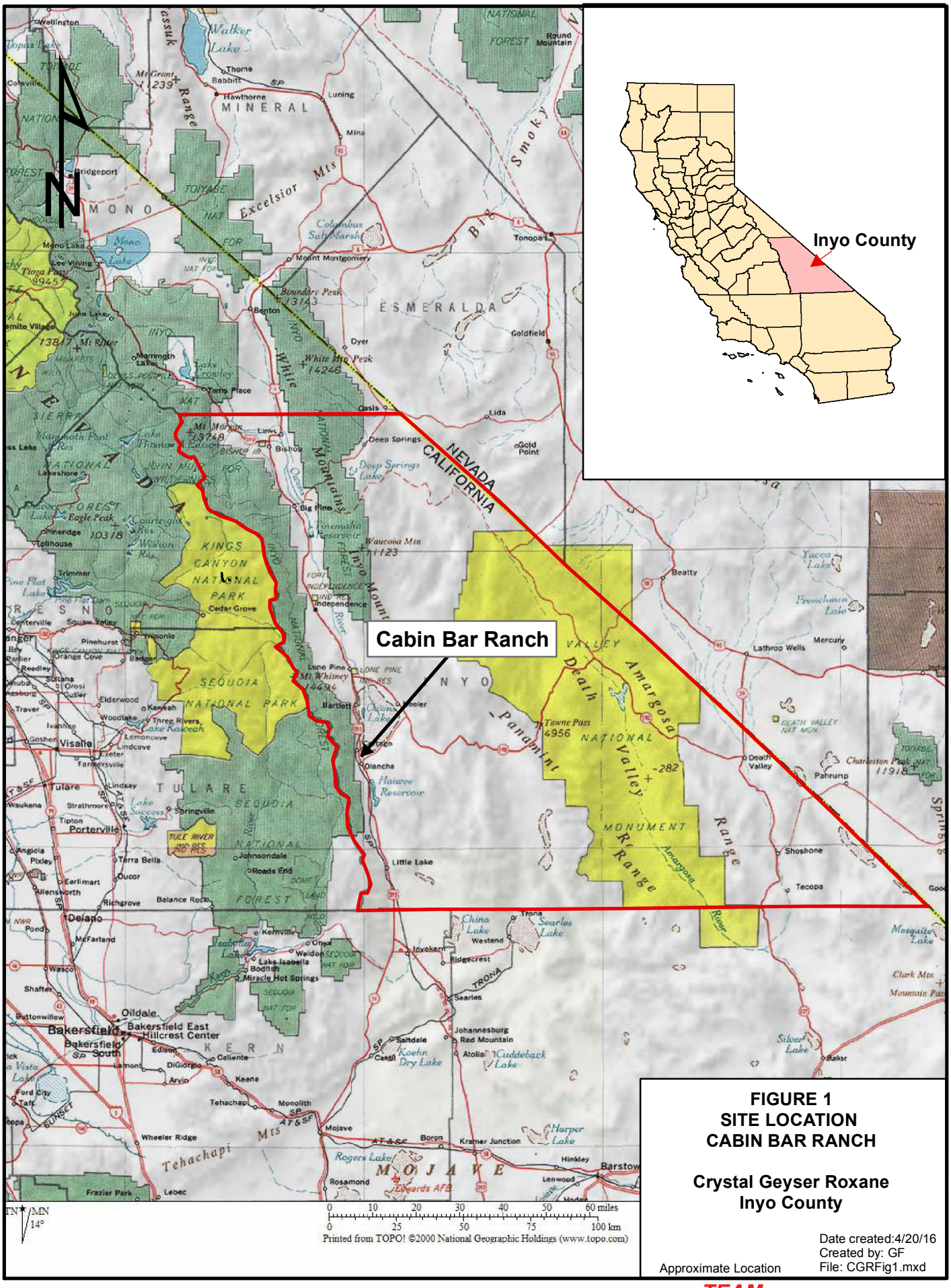

FIGURE 1
SITE LOCATION
CABIN BAR RANCH

Crystal Geyser Roxane
Inyo County

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

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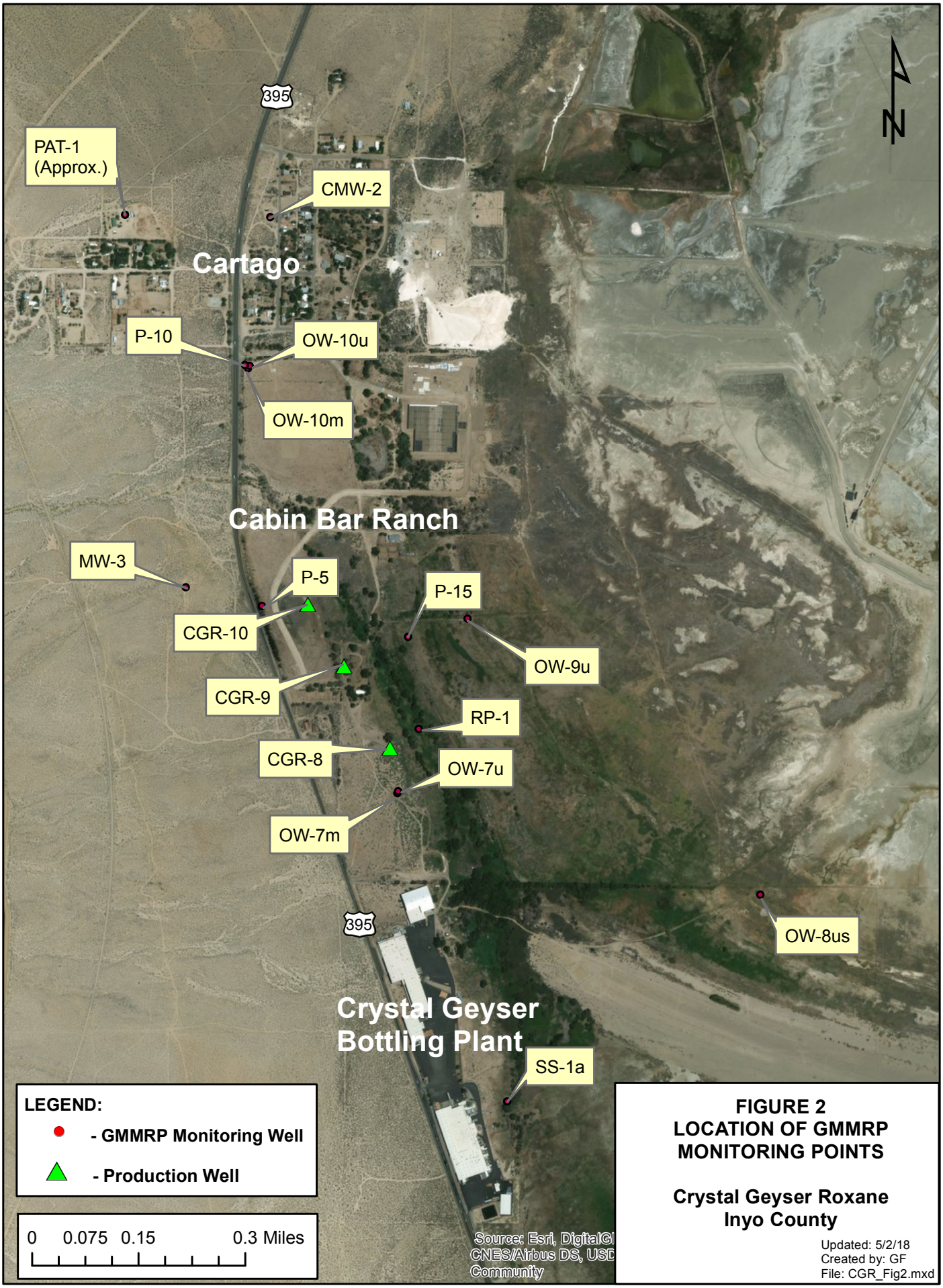

FIGURE 2
LOCATION OF GMMRP MONITORING POINTS

Crystal Geyser Roxane
Inyo County

Updated: 5/2/18
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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 (ft of drawdown)	Purpose or Rationale
Northern	P-10	Shallow	Y	33 - 48	X	-	6	Monitor area north of production wells and provide sentinel monitoring to Cartago Area.
	OW-10U	Shallow	Y	65 – 85	X	X	6	
	OW-10M	Deep	Y	115 – 150	X	X	6	
Western	P-5	Shallow	Y	23 - 28	X	X	-	Monitor area hydraulically upgradient of production wells.
	MW-3	Deep	Y	200 – 420	X	X	-	
Southern	OW-7U	Shallow	Y	54 - 74	X	X	10	Monitor area south of production wells.
	OW-7M	Deep	Y	212 – 252	X	X	10	
Eastern	OW-8US	Shallow	Y	55 – 75	X	X	-	Provide sentinel monitoring to potential brine intrusion from the east.
	OW-9U	Shallow	Y	55 – 75	X	X	7	
Off-Site	CMW-2	Deep	Y	115 - 150	X	X	-	Monitor Cartago area.
	PAT-1	Shallow/Deep	Y	50 – 155	X	X	-	
Vegetation Monitoring	P-15	Shallow	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
- : Not Required by GMMRP

ft btoc: feet below top of casing
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
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

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
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

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 (4)	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*
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*

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
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

TABLE 2
BASELINE GROUNDWATER ELEVATION DATA
Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
P-5	Piezometer P-5	3629.90	3/1/2016	13:05	15.14	0.0	3614.76
			4/5/2016	12:54	15.11	0.0	3614.79
			5/9/2016	10:25	15.46	0.0	3614.44
			6/14/2016	11:23	15.85	0.0	3614.05
			7/26/2016	11:33	16.35	0.0	3613.55
			8/24/2016	11:57	16.56	0.0	3613.34
			9/14/2016	14:34	16.67	0.0	3613.23
			11/22/2016	12:19	16.30	0.0	3613.60
			12/14/2016	12:11	16.05	0.0	3613.85
			1/25/2017	12:43	15.53	0.0	3614.37
			2/23/2017	11:43	15.24	0.0	3614.66
			3/22/2017	11:59	15.19	0.0	3614.71
			4/27/2017	11:32	15.12	0.0	3614.78
			5/30/2017	9:51	14.64	0.0	3615.26
			6/21/2017	11:22	14.08	0.0	3615.82
			7/18/2017	11:28	14.07	0.0	3615.83
			8/22/2017	12:22	14.26	0.0	3615.64
			9/26/2017	11:40	14.33	0.0	3615.57
			10/30/2017	12:59	14.01	0.0	3615.89
			11/21/2017	13:15	13.84	0.0	3616.06
			12/19/2017	12:46	13.63	0.0	3616.27
			1/18/2018	12:37	13.49	0.0	3616.41
			2/15/2018	12:48	13.46	0.0	3616.44
			3/13/2018	11:46	13.38	0.0	3616.52
			4/18/2018	12:10	14.03	0.0	3615.87
			5/22/2018	12:49	13.94	0.0	3615.96
			6/12/2018	12:08	14.64	0.0	3615.26
			7/17/2018	11:32	14.97	0.0	3614.93
			8/14/2018	11:31	15.40	0.0	3614.50
			9/19/2018	11:50	15.46	0.0	3614.44
			10/16/2018	11:25	15.75	0.0	3614.15
			11/13/2018	11:43	15.61	0.0	3614.29
			12/11/2018	10:55	15.07	0.0	3614.83
			1/16/2019	10:35	15.66	0.0	3614.24
			2/12/2019	12:13	15.47	0.0	3614.43
			3/14/2019	10:54	15.07	0.0	3614.83
			4/16/2019	11:30	15.12	0.0	3614.78
			5/21/2019	11:33	14.62	0.0	3615.28
			6/18/2019	10:55	14.36	0.0	3615.54
			7/16/2019	11:30	14.52	0.0	3615.38
			8/13/2019	11:21	14.89	0.0	3615.01
			9/17/2019	11:35	14.96	0.0	3614.94
			10/10/2019	11:25	14.67	0.0	3615.23
			11/13/2019	11:37	14.66	0.0	3615.24
			12/10/2019	8:15	14.47	0.0	3615.43
			1/14/2020	11:20	14.40	0.0	3615.50
			2/18/2020	11:37	13.92	0.0	3615.98
			3/18/2020	10:45	14.51	0.0	3615.39
			4/14/2020	11:30	14.39	0.0	3615.51
			5/19/2020	11:00	13.18	0.0	3616.72
			6/18/2020	11:30	14.22	0.0	3615.68
			7/14/2020	12:30	14.47	0.0	3615.43
			8/12/2020	12:10	14.44	0.0	3615.46
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

TABLE 2
BASELINE GROUNDWATER ELEVATION DATA
Cabin Bar Ranch GMMRP Monitoring Points

Well ID	Monitoring Point	Surveyed TOC Elevation (ft amsl)	Date	Time	DTW (ft) (2)	Measuring Point Adjustment	GWE (ft amsl) (3)
P-15	Piezometer P-15	3605.99	3/1/2016	12:35	2.73	0.13	3603.39
			4/5/2016	11:50	3.05	0.13	3603.07
			5/9/2016	11:10	3.58	0.13	3602.54
			6/14/2016	14:00	4.87	0.13	3601.25
			7/26/2016	11:56	> 7	0.13	NC
			8/24/2016	11:38	> 7	0.13	NC
			9/14/2016	12:14	> 7	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
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

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
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

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) Leaky wellhead - pressure reading likely to be inaccurate
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	mg/L
Cartago Supply CMW-2	03/23/16	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	NS	NS	NS	NS	NS	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
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	NS	NS	NS	NS	NS	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	0.001	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	05/19/20	6.9	149	18.8	30.8	97	1.0	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
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	NS	NS	NS	NS	NS	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
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	NS	NS	NS	NS	NS	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
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	NS	NS	NS	NS	NS	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
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	NS	NS	NS	NS	NS	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
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	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	NA	NA	NA	NA	NA	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	NS	NS	NS	NS	NS	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
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	110.0	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	115.0	113	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.013
	02/18/20	NS	NS	NS	NS	NS	ND	NA	1.03	4.79	0.528	32.7	1.5	ND	8.60	106.0	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	100.0	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	101.0	210	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
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	NS	NS	NS	NS	NS	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	10.8	1.79	14.9	ND	3.2	7.20	56.7	143	ND	0.001	0.029	ND	ND	ND	ND	0.001	0.054	ND	0.003	0.001	ND	ND	ND	0.004	1.440
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	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
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 or "-" indicates not sampled. NA indicates not analyzed.
2) Constituents in bold (Na, Cl, CaCO3, TDS, As, Ba) are proposed for water quality triggers in selected wells per GMMRP. See Table 5 for additional water quality trigger data.
3) Cells shaded in light gray represent water quality samples collected during the baseline data period.
4) The detection limit for Magnesium was raised to 0.5 mg/L during the February 2019 sampling event and all subsequent sampling events.

TABLE 4
SUMMARY OF GROUNDWATER ELEVATION AND TRIGGER LEVELS
Cabin Bar Ranch GMMRP Monitoring Points
August 2020

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	08/12/20	3618.06	4.03	-6.0	NO
	OW-10u	3616.86	08/12/20	3620.84	3.98	-6.0	NO
	OW-10m	3617.66	08/12/20	3622.41	4.75	-6.0	NO
Southern	OW-7u	3611.87	08/12/20	3614.58	2.71	-10.0	NO
	OW-7m	3620.70	08/12/20	3625.73	5.03	-10.0	NO
Eastern	OW-9u	3607.03	08/12/20	3611.20	4.17	-7.0	NO
Vegetation	P-15	N/A	08/12/20	3601.57	DTW = 4.29 [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/$CaCO_3$/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	34.0	1.3	27.7	89.0	179	115	321	0.0032	0.0075	0.007	0.75	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		1.3		103.0		145		0.0019		0.007		No	-
	02/18/20	12.8		ND		97.1		138		0.0021		0.007		No	-
	05/19/20	12.8		1.2		87.9		188		0.0021		0.007		No	-
	08/12/20	12.9		1.2		85.8		155		0.0023		0.006		No	-
OW-7u	06/12/18	20.2	34.0	2.2	27.7	77.0	179	125	321	0.0167	NA	0.008	0.75	No	-
	08/14/18	21.0		1.8		68.0		115		0.0143		0.008		No	-
	11/13/18	17.4		1.8		67.0		135		0.0160		0.009		No	-
	02/12/19	16.9		2.1		65.0		95		0.0224		0.008		No	-
	05/21/19	14.9		1.8		73.0		120		0.0244		0.009		No	-
	08/13/19	19.2		2.2		68.4		105		0.0261		0.007		No	-
	11/13/19	20.5		2.0		79.7		105		0.0271		0.007		No	-
	02/18/20	17.7		1.5		76.3		155		0.0266		0.007		No	-
	05/19/20	15.8		1.7		68.5		175		0.0262		0.007		No	-
	08/18/20	18.8		1.7		69.1		170		0.0258		0.007		No	-
OW-8us	06/12/18	17.1	34.0	3.9	27.7	75.0	179	115	321	0.0069	0.0075	0.002	0.75	No	-
	08/14/18	16.7		4.5		66.0		105		0.0056		0.002		No	-
	11/13/18	16.4		3.8		67.0		120		0.0050		0.002		No	-
	02/12/19	15.7		4.1		68.0		120		0.0049		0.002		No	-
	05/21/19	13.8		3.8		75.0		110		0.0053		0.002		No	-
	08/13/19	17.3		4.2		73.6		130		0.0052		0.002		No	-
	11/13/19	19.1		4.0		85.6		110		0.0051		0.002		No	-
	02/18/20	16.0		3.6		78.0		160		0.0047		0.002		No	-
	05/19/20	14.9		3.9		74.5		170		0.0048		0.002		No	-
	08/12/20	17.5		4.0		74.7		155		0.0046		0.002		No	-
OW-9u	06/12/18	18.4	34.0	3.2	27.7	76.0	179	120	321	ND	0.0075	0.021	0.75	No	-
	08/14/18	17.8		3.7		62.0		115		ND		0.002		No	-
	11/13/18	18.1		3.2		68.0		125		ND		0.002		No	-
	02/12/19	17.2		3.4		64.0		140		ND		0.002		No	-
	05/21/19	15.8		3.5		73.0		125		ND		0.002		No	-
	08/13/19	18.9		3.6		75.3		105		ND		0.002		No	-
	11/13/19	19.7		3.8		83.3		143		ND		0.002		No	-
	02/18/20	17.1		3.0		74.9		150		ND		0.002		No	-
	05/19/20	16.0		3.2		74.3		183		ND		0.002		No	-
	08/12/20	18.2		3.3		74.1		140		ND		0.002		No	-
OW-10u	06/12/18	13.8	34.0	ND	27.7	68.0	179	95	321	0.0040	0.0075	0.021	0.75	No	-
	08/14/18	13.0		ND		62.0		90		0.0035		0.021		No	-
	11/13/18	12.6		ND		63.0		100		0.0037		0.022		No	-
	02/12/19	12.1		ND		63.0		85		0.0034		0.020		No	-
	05/21/19	10.6		ND		70.0		90		0.0036		0.022		No	-
	08/13/19	13.5		1.0		67.4		145		0.0030		0.019		No	-
	11/13/19	13.6		1.2		75.8		97.5		0.0027		0.019		No	-
	02/18/20	12.1		ND		72.0		115		0.0070		0.028		No	-
	05/19/20	11.2		ND		66.9		138		0.0031		0.021		No	-
	08/18/20	13.4		ND		65.4		113		0.0031		0.019		No	-
OW-10m	06/12/18	37.7	40.5	1.8	27.7	108.0	179	135	321	ND	0.0075	0.003	0.75	No	-
	08/14/18	34.3		2.0		86.0		130		ND		0.003		No	-
	11/13/18	34.9		1.7		98.0		145		ND		0.003		No	-
	02/12/19	33.1		1.9		91.0		145		ND		0.003		No	-
	05/21/19	30.3		1.8		110.0		135		ND		0.003		No	-
	08/13/19	35.2		2.0		97.3		80		ND		0.003		No	-
	11/13/19	37.4		1.9		115.0		113		ND		0.003		No	-
	02/18/20	32.7		1.5		106.0		185		ND		0.002		No	-
	05/19/20	30.1		1.7		100.0		280		ND		0.003		No	-
	08/18/20	29.6		1.6		101.0		210		ND		0.004		No	-
PAT-1	06/12/18	9.76	34.0	ND	27.7	68.0	179	90	321	0.0013	0.0075	0.008	0.75	No	-
	08/14/18	9.30		ND		68.0		85		ND		0.007		No	-
	11/13/18	9.24		ND		63.0		95		ND		0.007		No	-
	02/12/19	9.21		ND		66.0		80		ND		0.007		No	-
	05/21/19	7.48		ND		70.0		95		0.0010		0.007		No	-
	08/13/19	9.67		ND		70.0		100		ND		0.007		No	-
	11/13/19	10.1		1.0		94.5		110		0.0010		0.007		No	-
	02/18/20	NS		NS		NS		NS		NS		NS		-	-
	05/19/20	8.14		ND		68.9		113		ND		0.007		No	-
	08/12/20	9.60		ND		68.8		100		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
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 (as of 07/14/20)	4,662,005	16,604,691	16,534,721	37,801,417	116.01

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

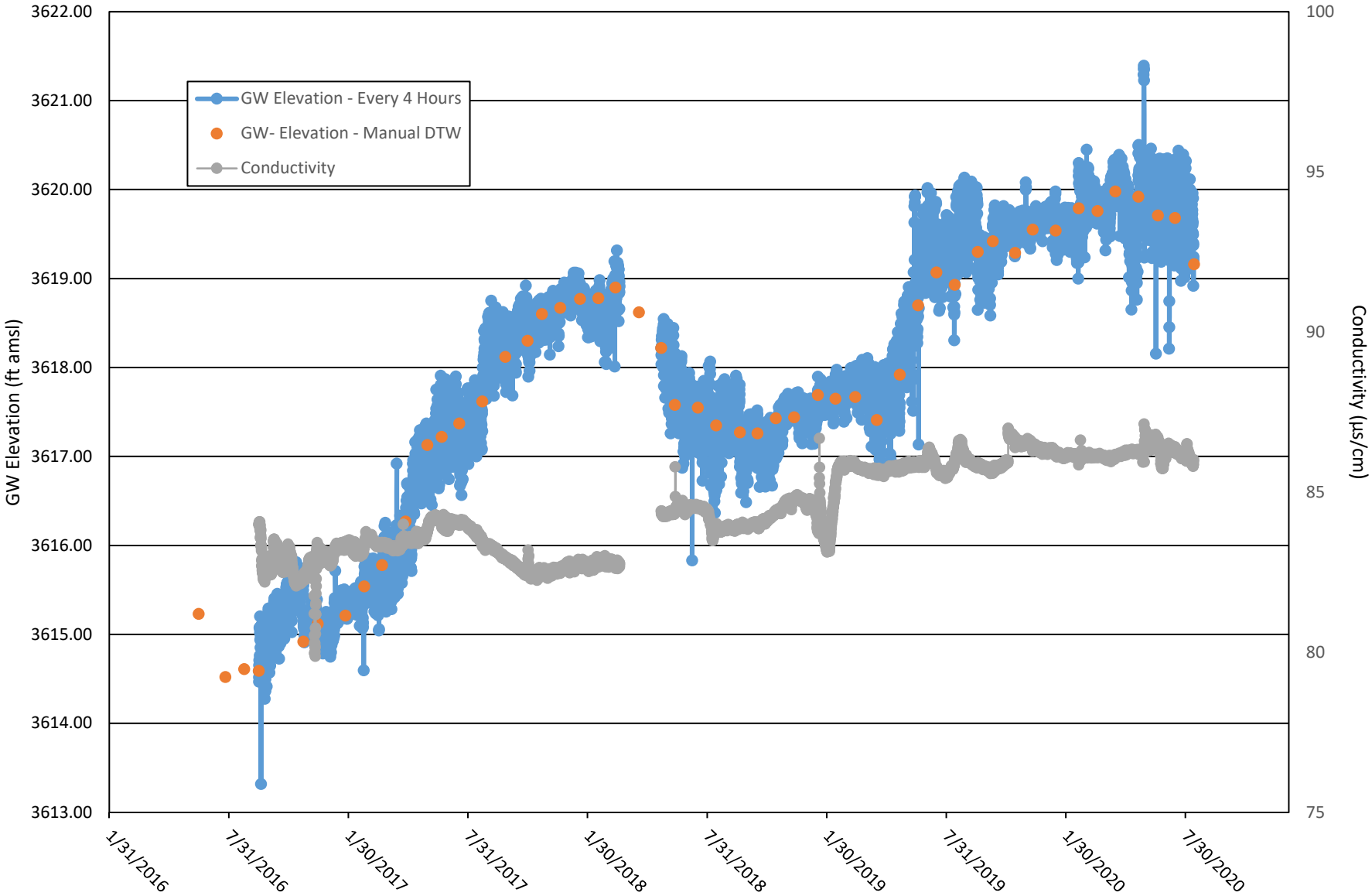
2) Totals given reflect volumes pumped since project commencement on March 19, 2018 for individual production wells (CGR-8, 9, and 10) and combined project totals.

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.

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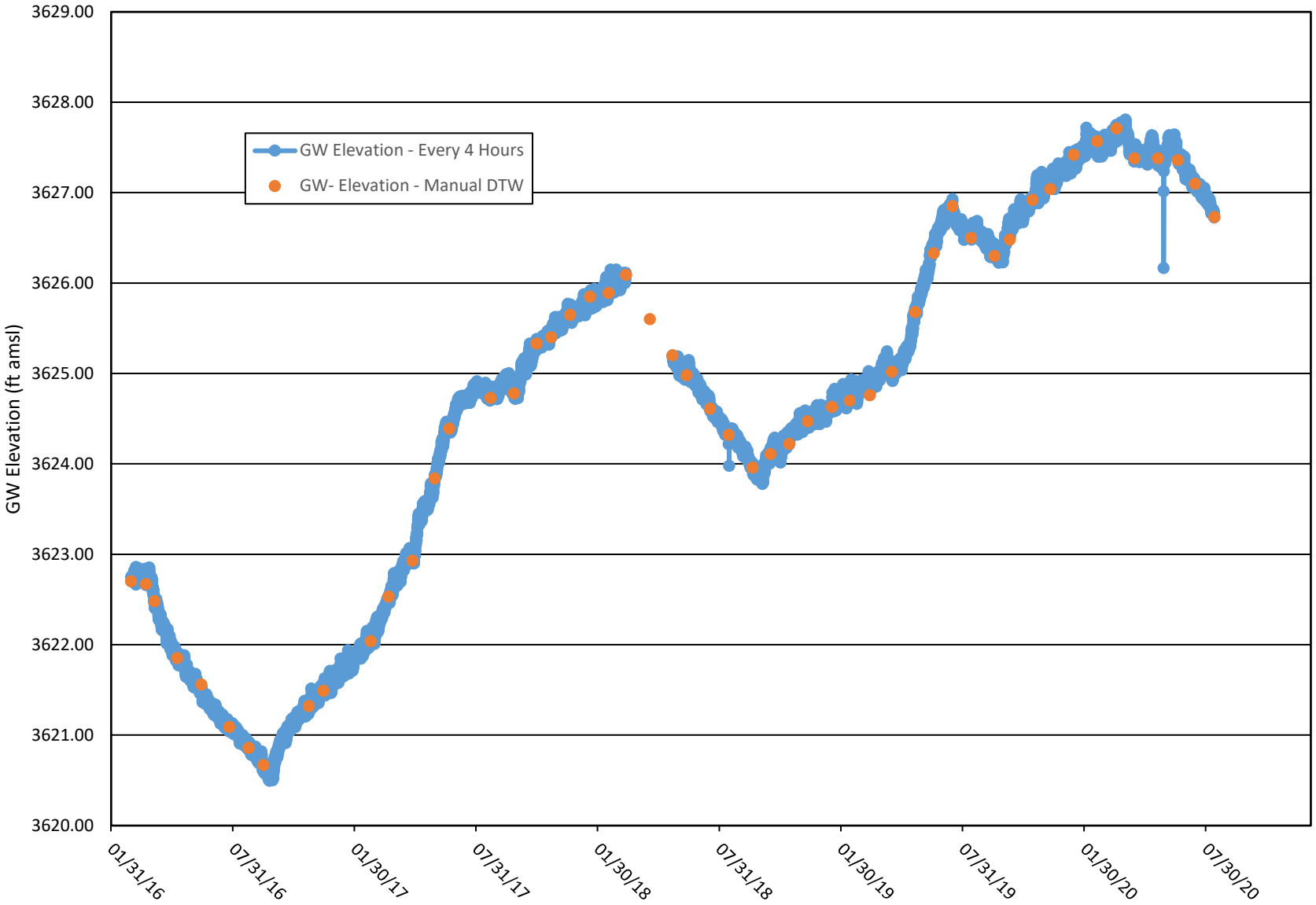
GROUNDWATER ELEVATION DATA - Transducer
MW-3 - Cabin Bar Ranch GMMRP



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.

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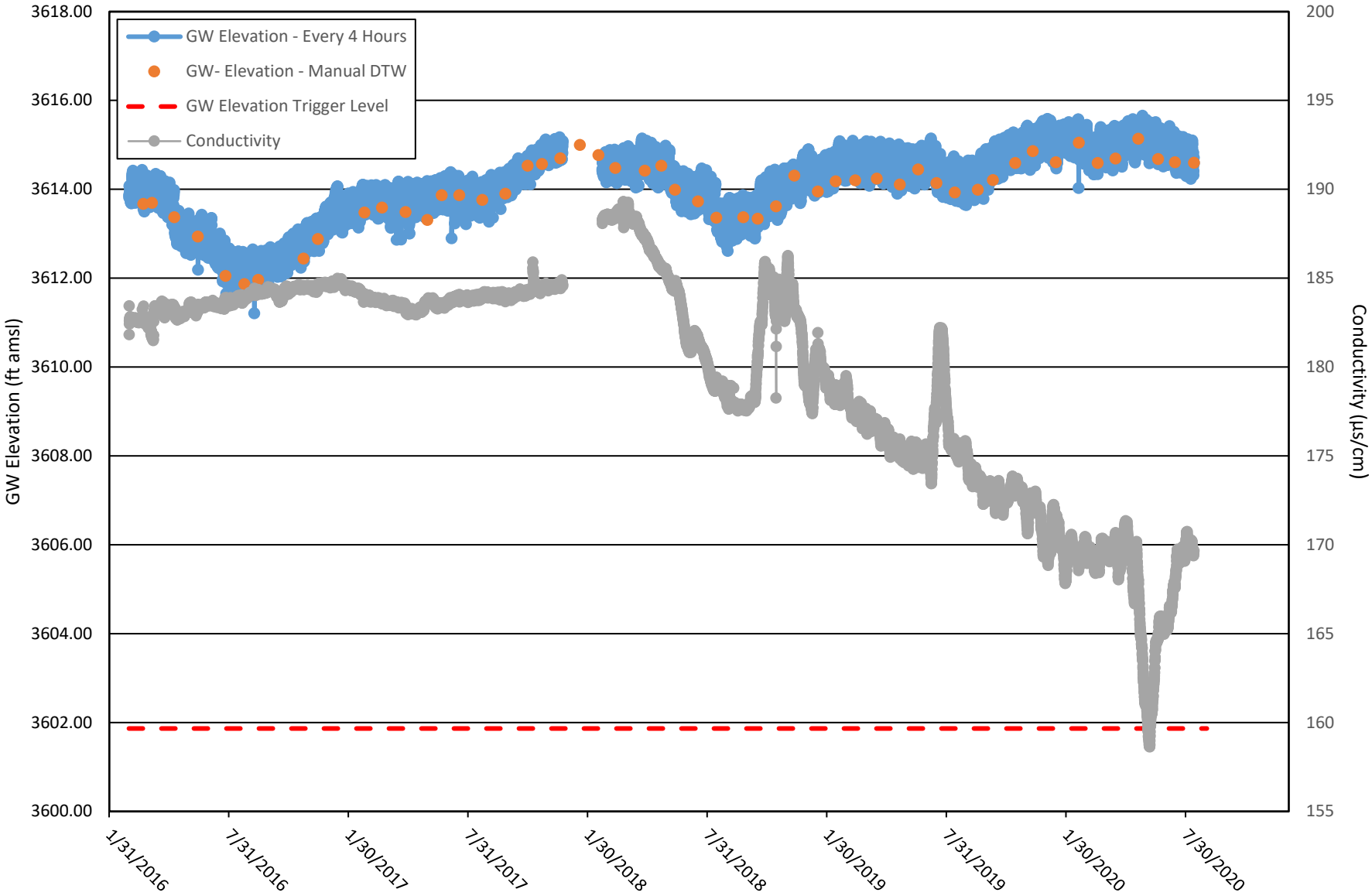
GROUNDWATER ELEVATION DATA - Transducer
OW-7u - Cabin Bar Ranch GMMRP



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

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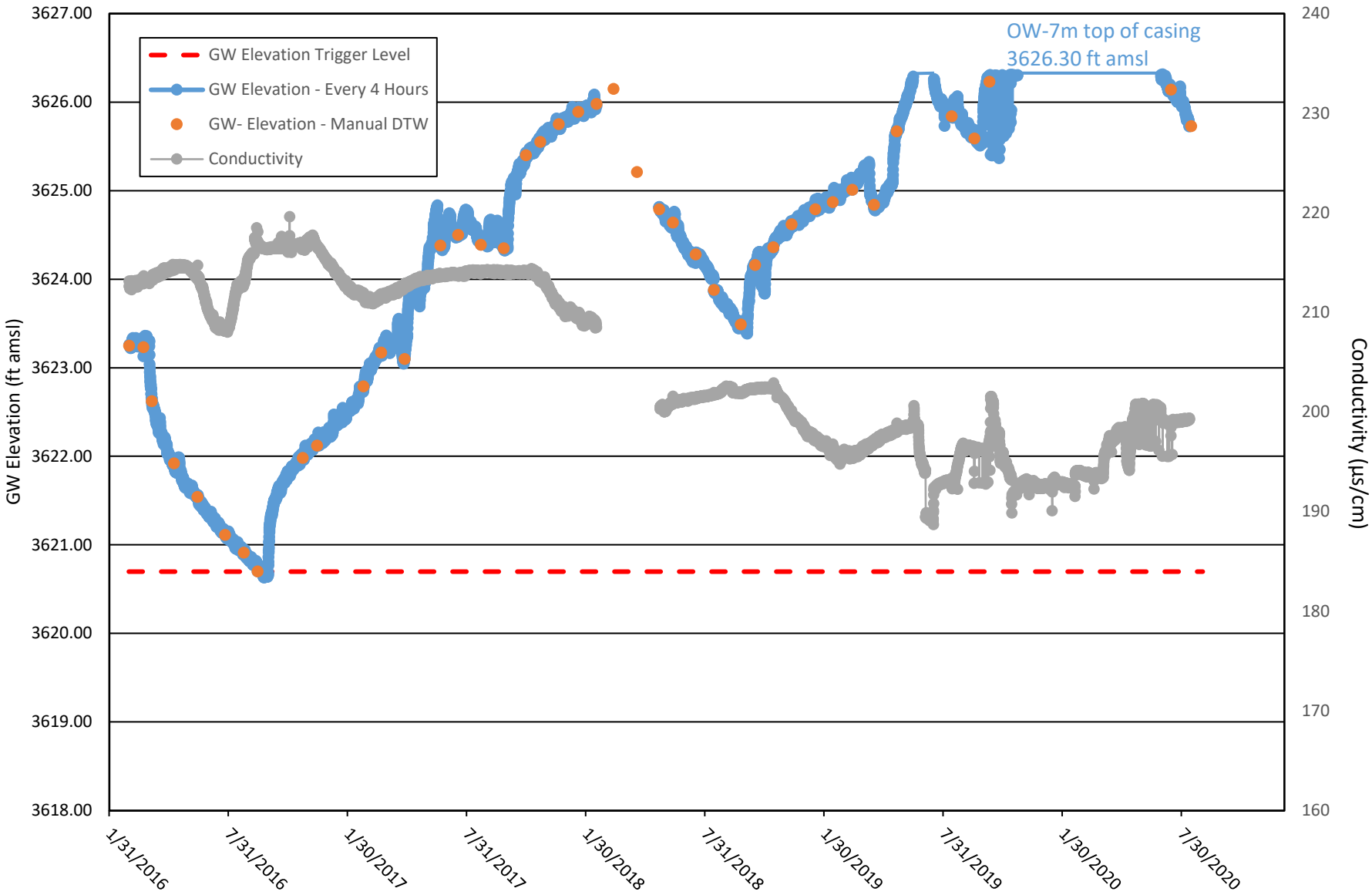
GROUNDWATER ELEVATION DATA - Transducer
OW-7m - Cabin Bar Ranch GMMRP



Note: Transducer data from AquaTroll 200 correlated to Manual DTW.
Transducer was removed on February 15 and replaced on May 22, 2018.
No manual GWE was collected from 07 to 08/19, or from 11/19 to 06/20 due to artesian conditions.

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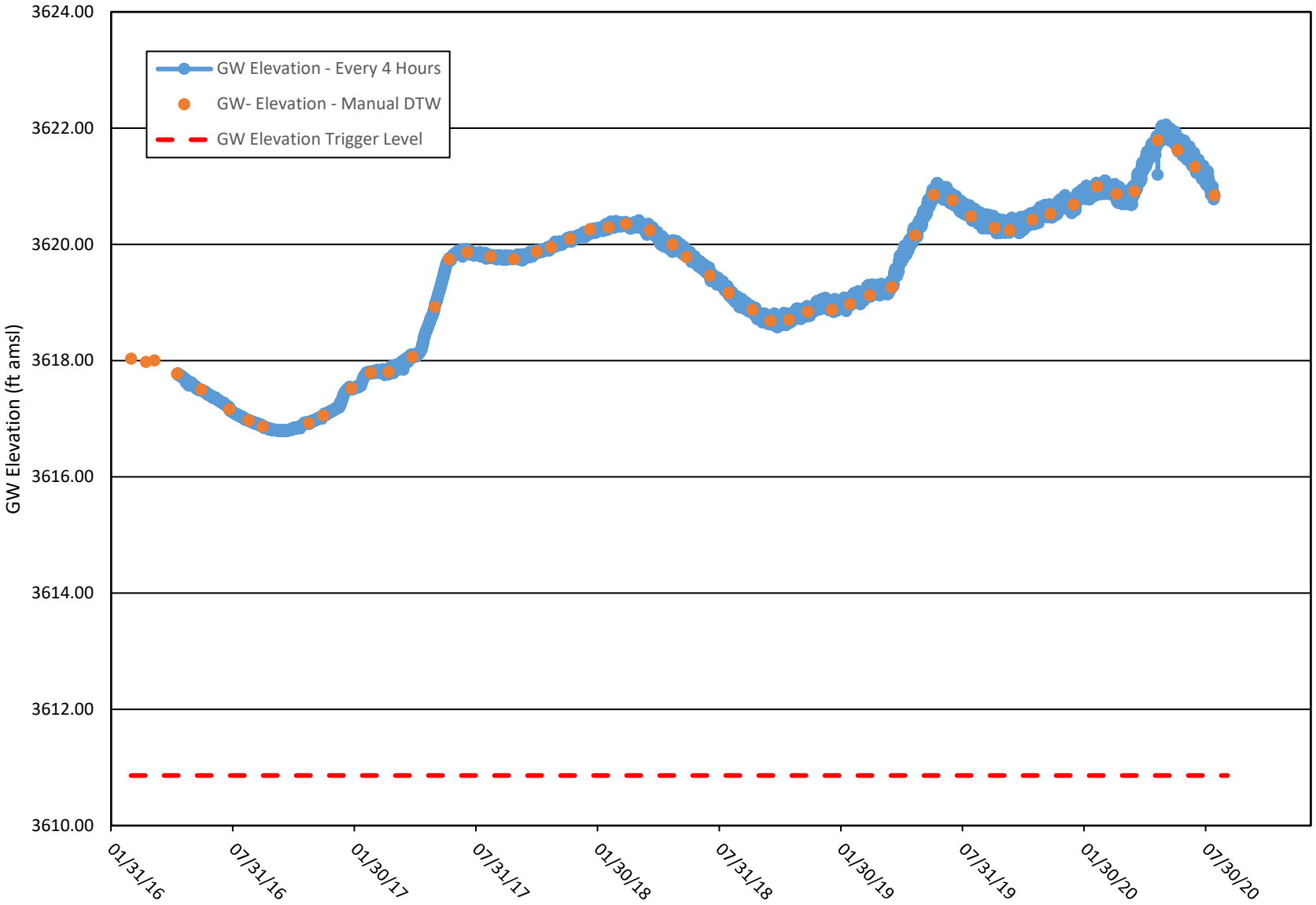
GROUNDWATER ELEVATION DATA - Transducer
OW-10u - Cabin Bar Ranch GMMRP



Note: Transducer data from LevelTroll 500 correlated to Manual DTW.
Original transducer was found to be faulty and was replaced on May 9, 2016.

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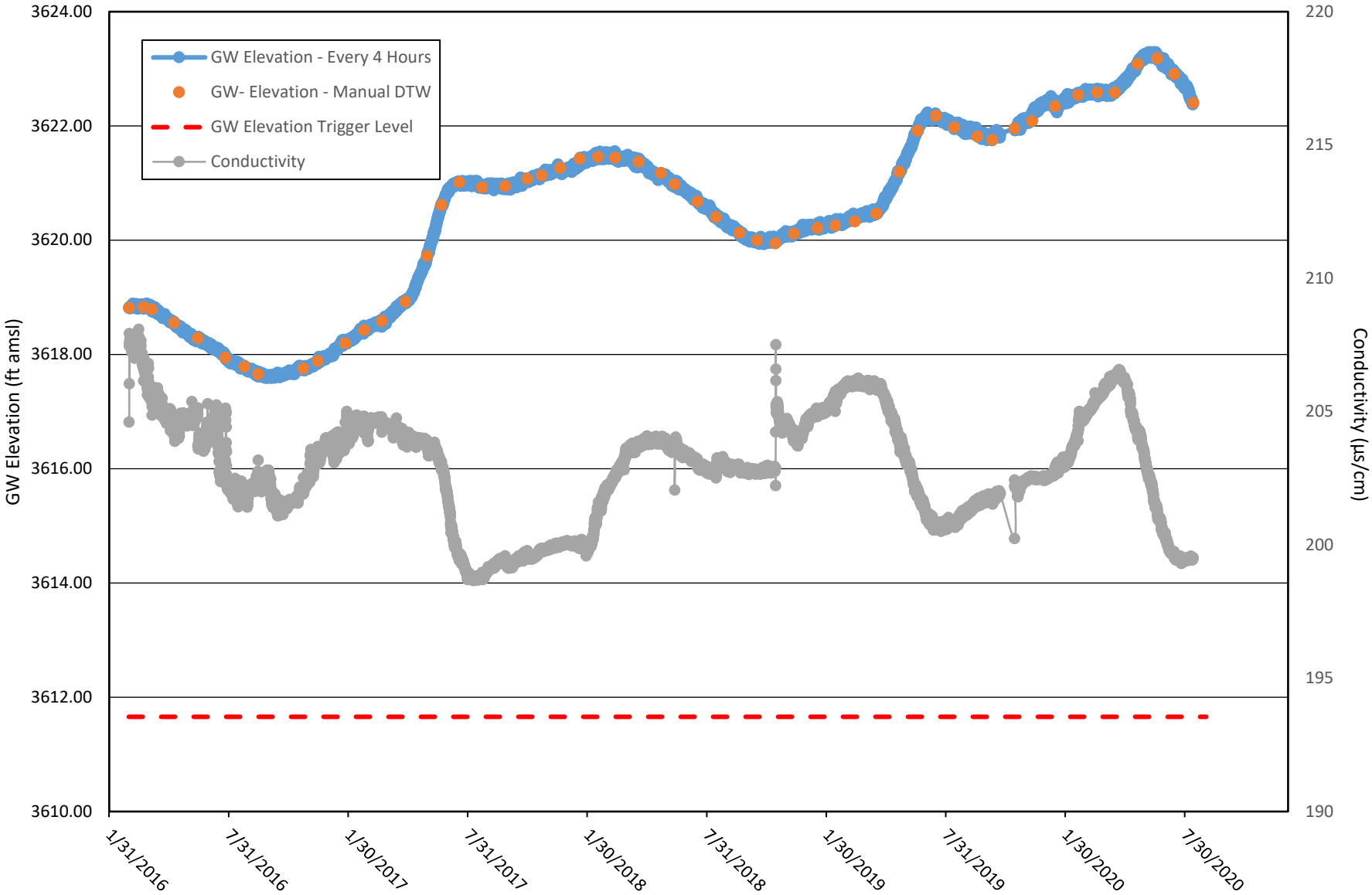
GROUNDWATER ELEVATION DATA - Transducer
OW-10m - Cabin Bar Ranch GMMRP



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

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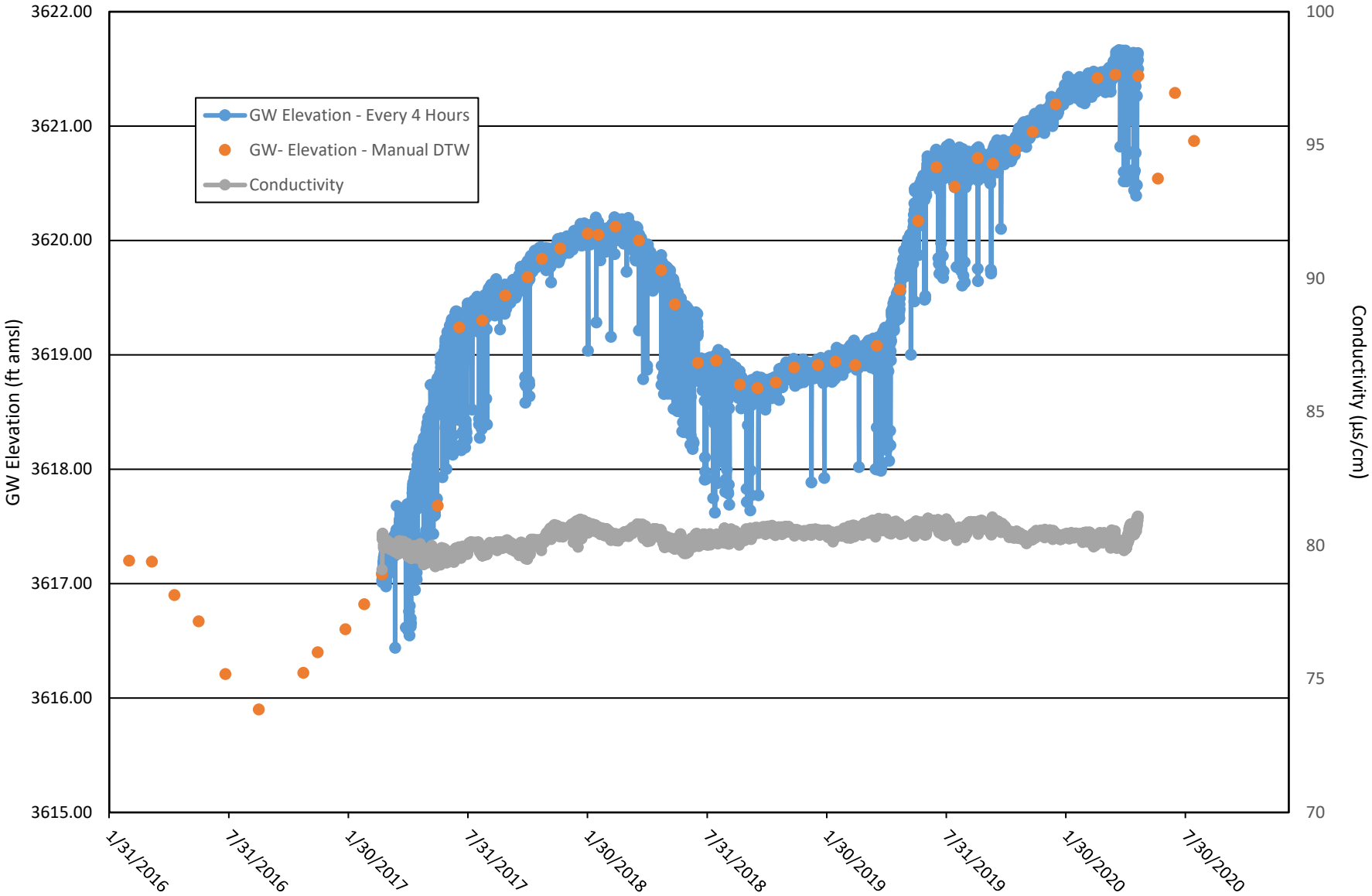
GROUNDWATER ELEVATION DATA - Transducer
PAT-1 - Cabin Bar Ranch GMMRP



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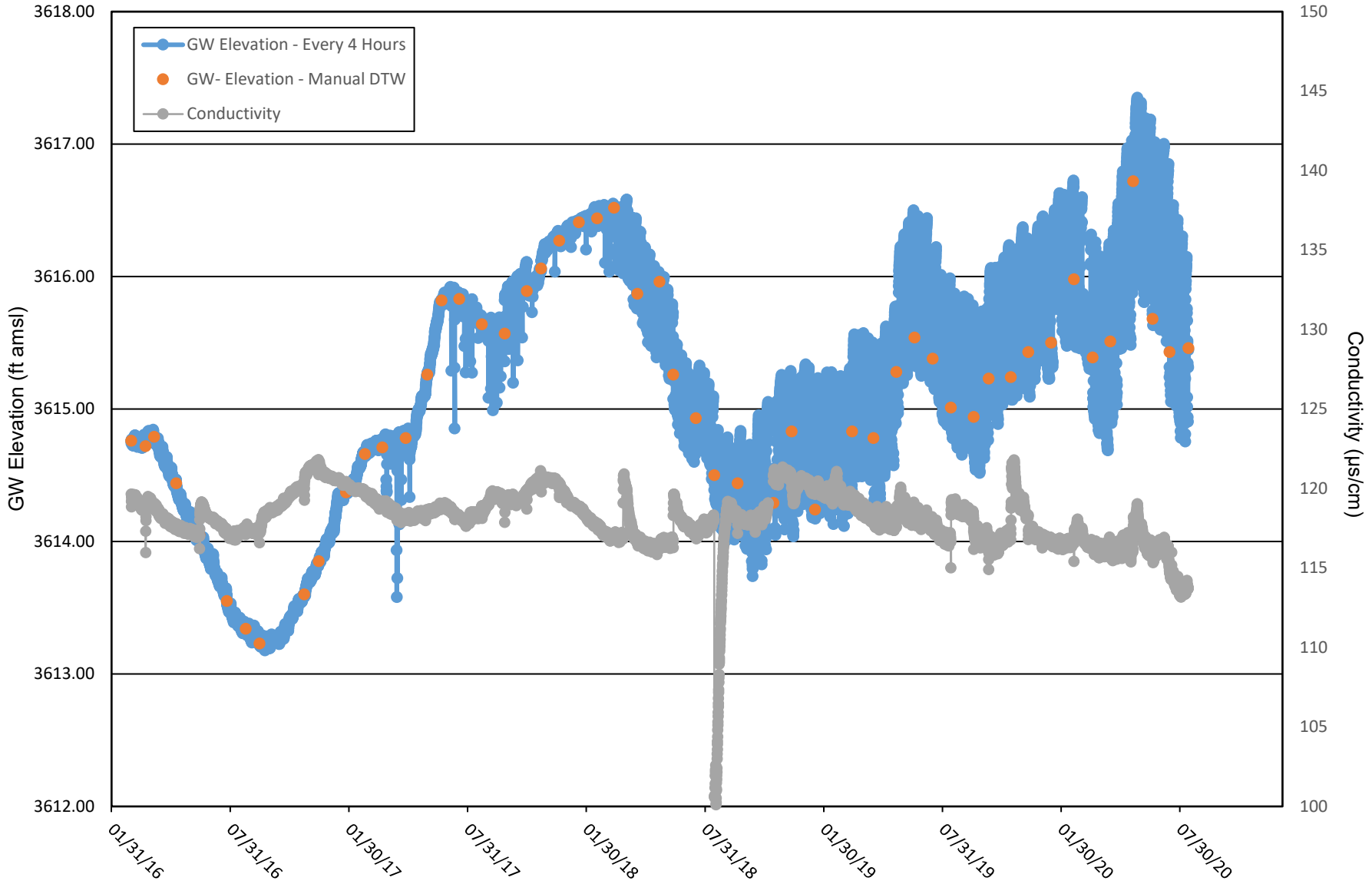
GROUNDWATER ELEVATION DATA - Transducer
P-5 - Cabin Bar Ranch GMMRP



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

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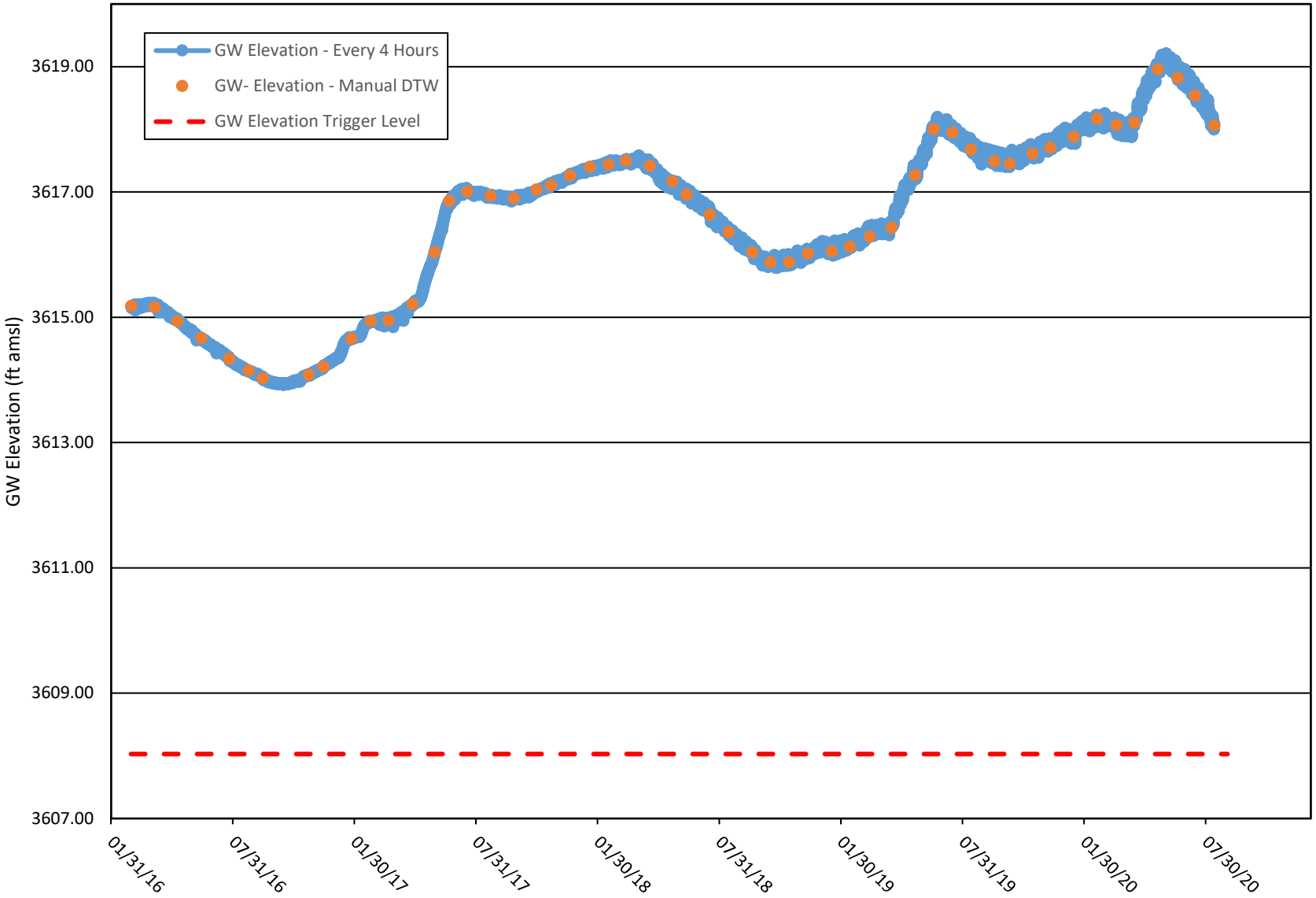
GROUNDWATER ELEVATION DATA - Transducer
P-10 - Cabin Bar Ranch GMMRP



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

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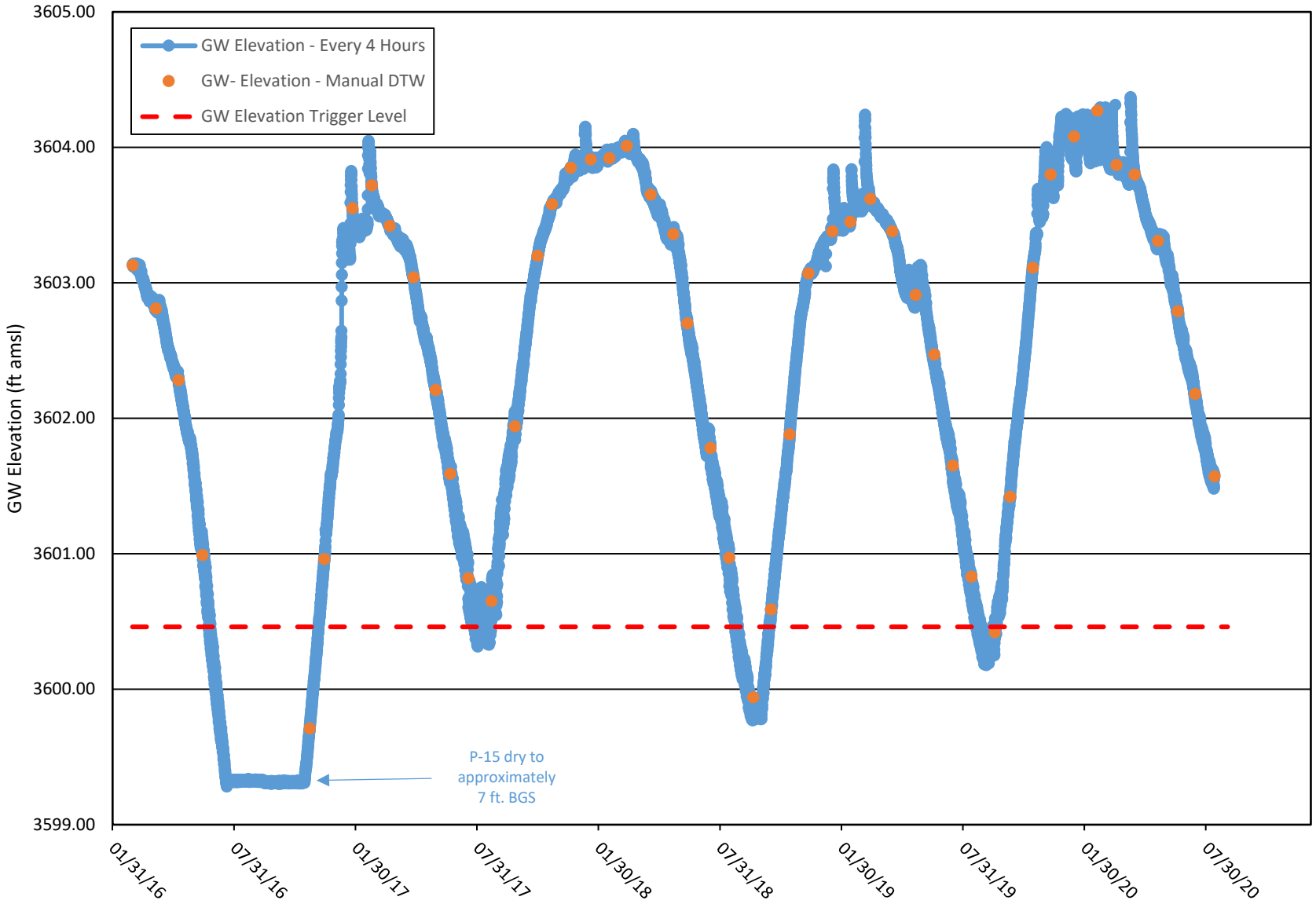
GROUNDWATER ELEVATION DATA - Transducer
P-15 - Cabin Bar Ranch GMMRP



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

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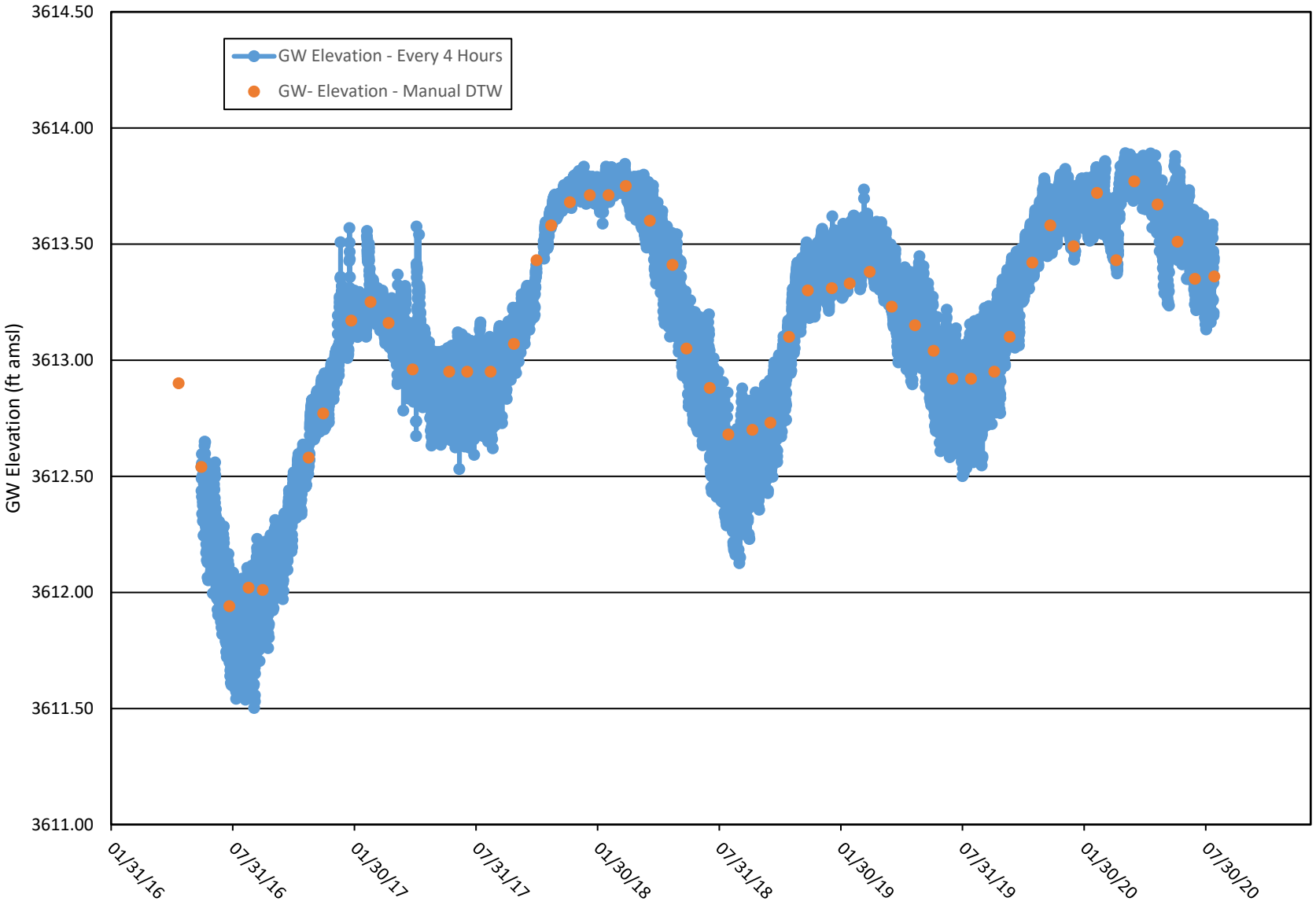
GROUNDWATER ELEVATION DATA - Transducer
RP-1 - Cabin Bar Ranch GMMRP



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

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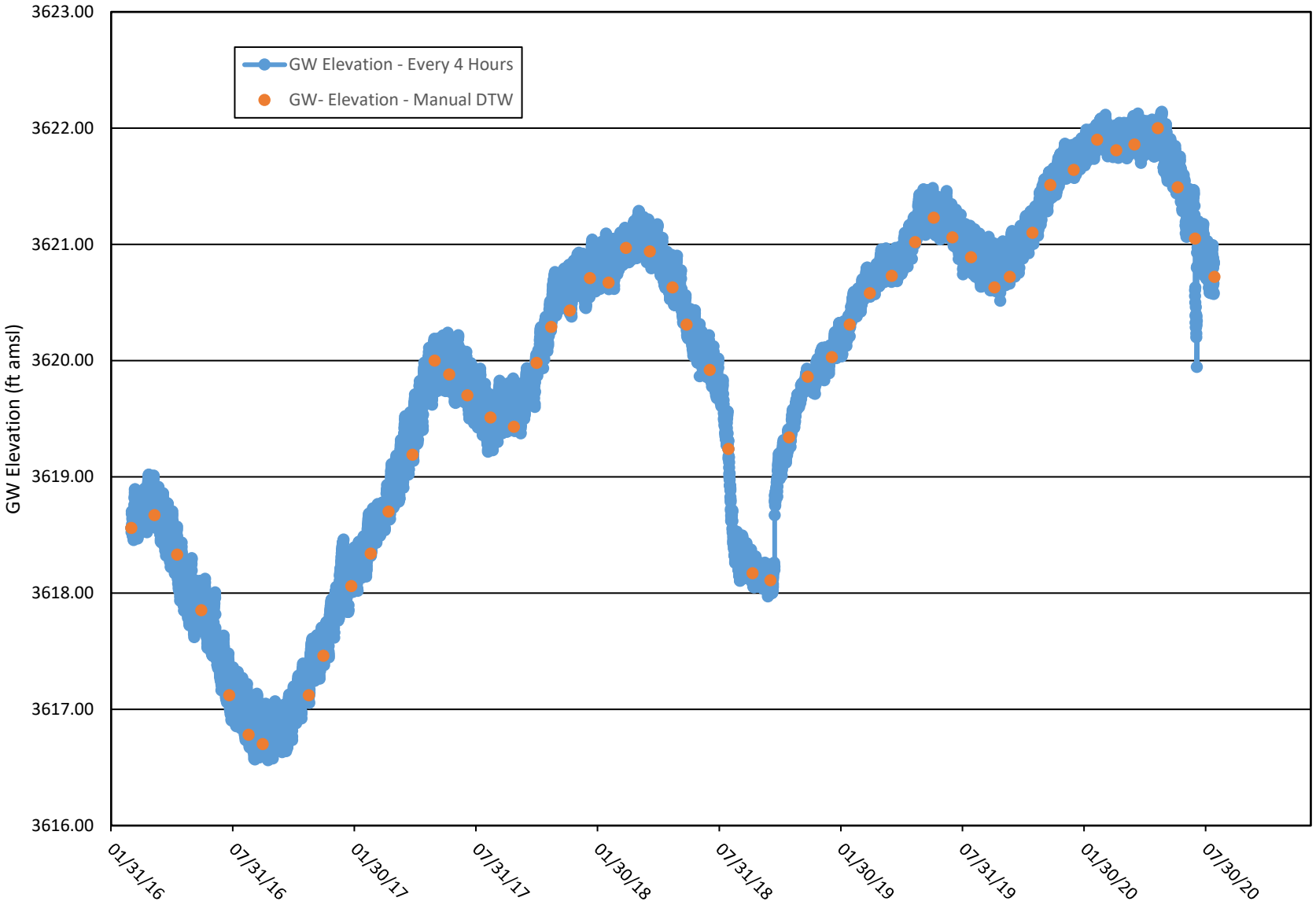
GROUNDWATER ELEVATION DATA - Transducer
SS-1A - Cabin Bar Ranch GMMRP



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

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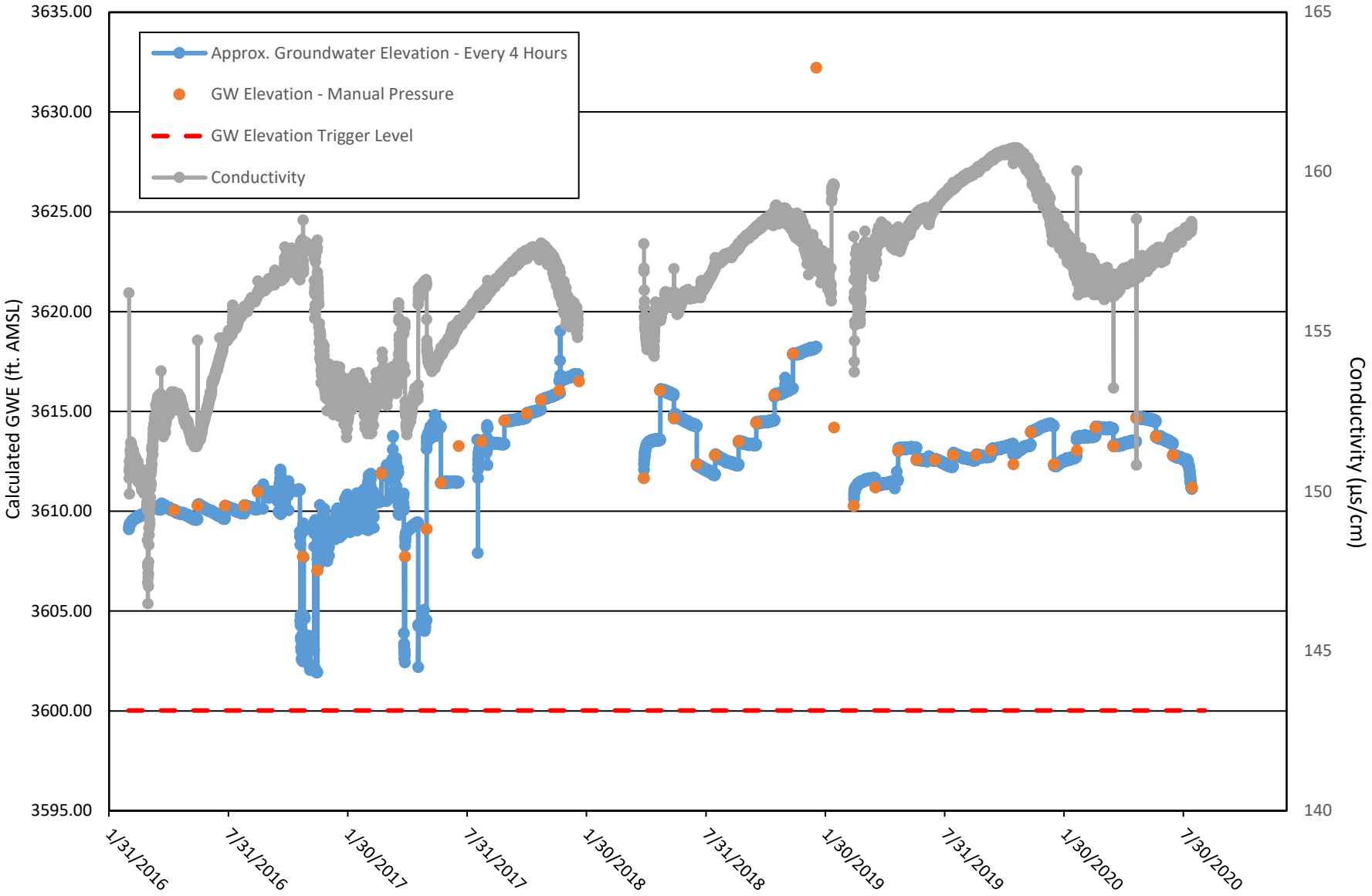
Well Pressure - Transducer Data
OW-9u - Cabin Bar Ranch GMMRP



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.

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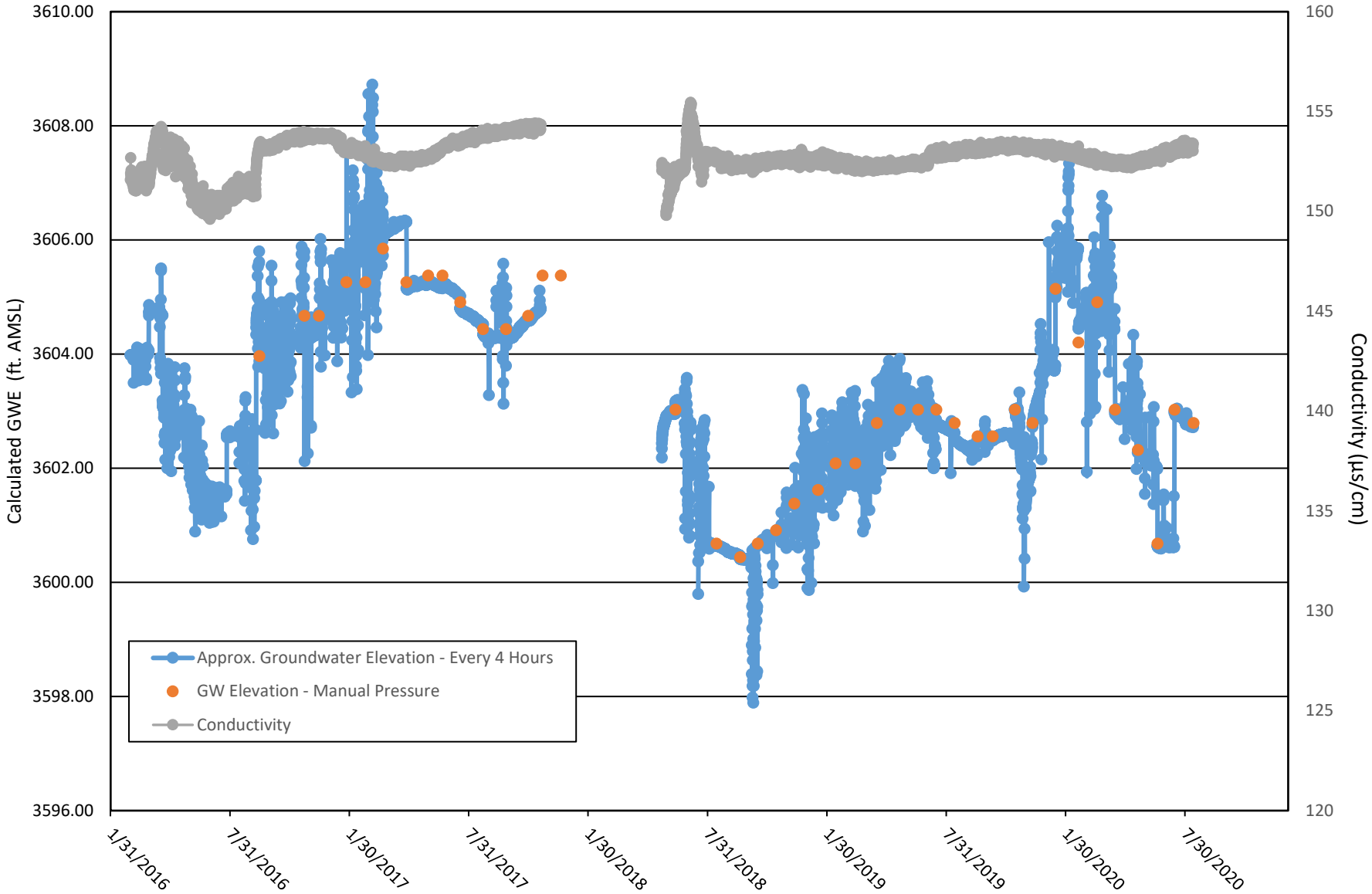
Well Pressure - Transducer Data
OW-8u - Cabin Bar Ranch GMMRP



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.
Pressure reading not collected on July 17, 2018.

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ATTACHMENT B

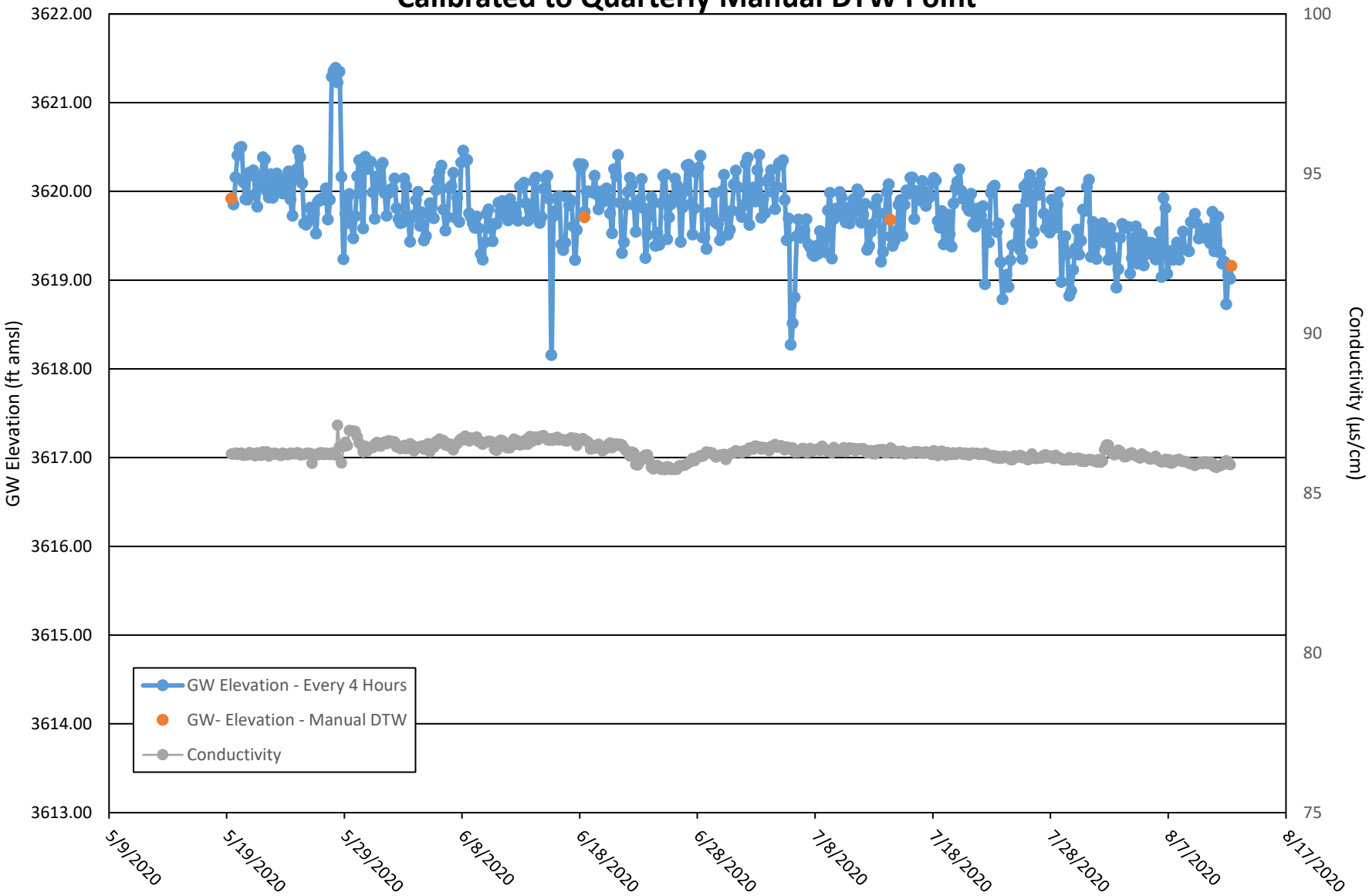
TRANSDUCER DATA COMPARISONS –

MONTHLY VS QUARTERLY

GROUNDWATER HYDROGRAPHS

FOR WELLS CMW-2 & P-15

GROUNDWATER ELEVATION DATA
Transducer CMW-2 - Cabin Bar Ranch GMMRP
Calibrated to Quarterly Manual DTW Point



Note: Transducer data from LevelTroll 500 correlated to Quarterly Manual DTW at start of quarterly period.
Transducer data shows no significant drift during the quarter; all monthly DTWs collected during period are within limits.

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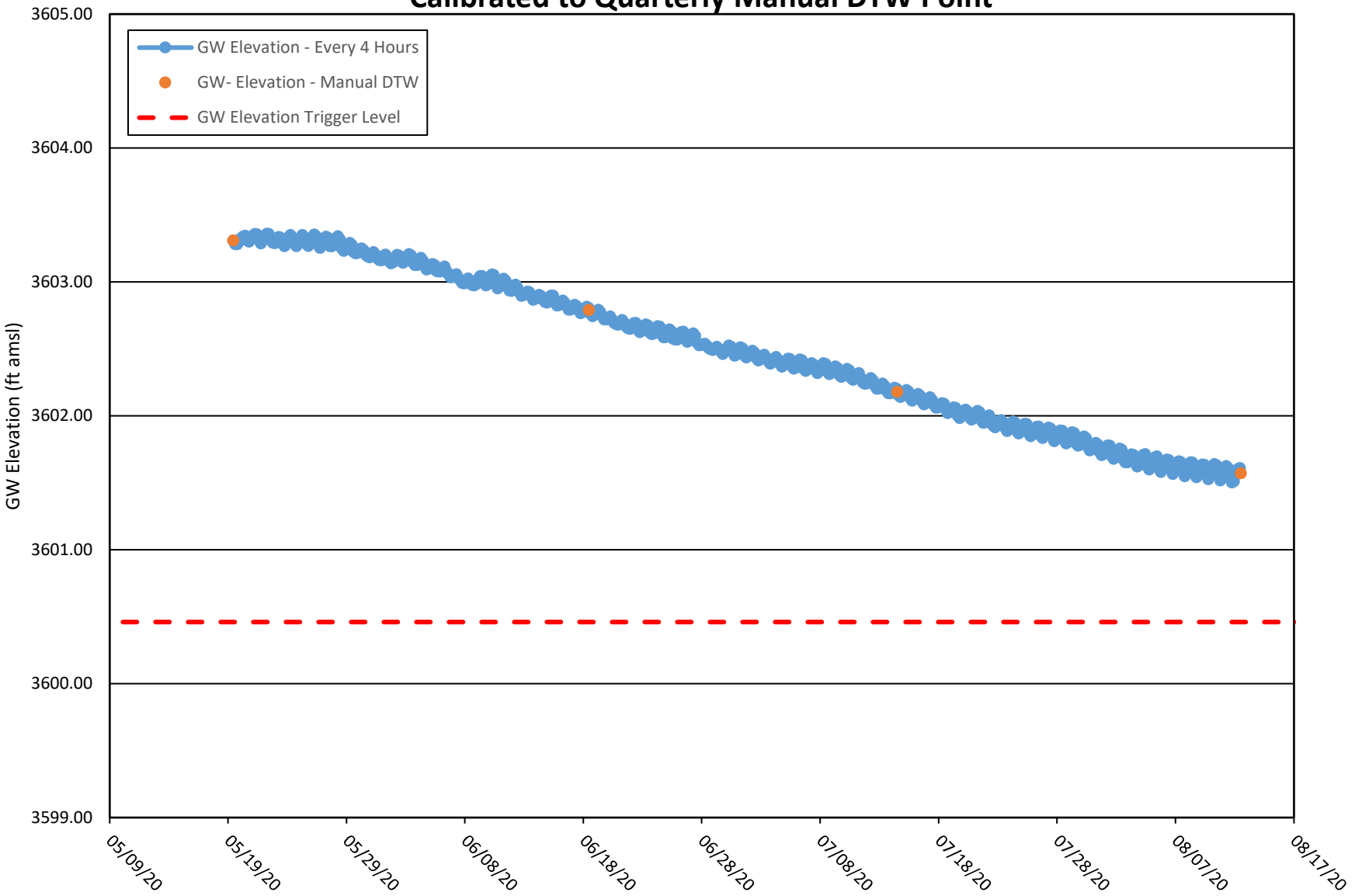
GROUNDWATER ELEVATION DATA
Transducer P-15 - Cabin Bar Ranch GMMRP
Calibrated to Quarterly Manual DTW Point



Note: Transducer data from LevelTroll 500 correlated to Quarterly Manual DTW at start of quarterly period.
Transducer data shows no significant drift during the quarter; all monthly DTWs collected during period are within limits.

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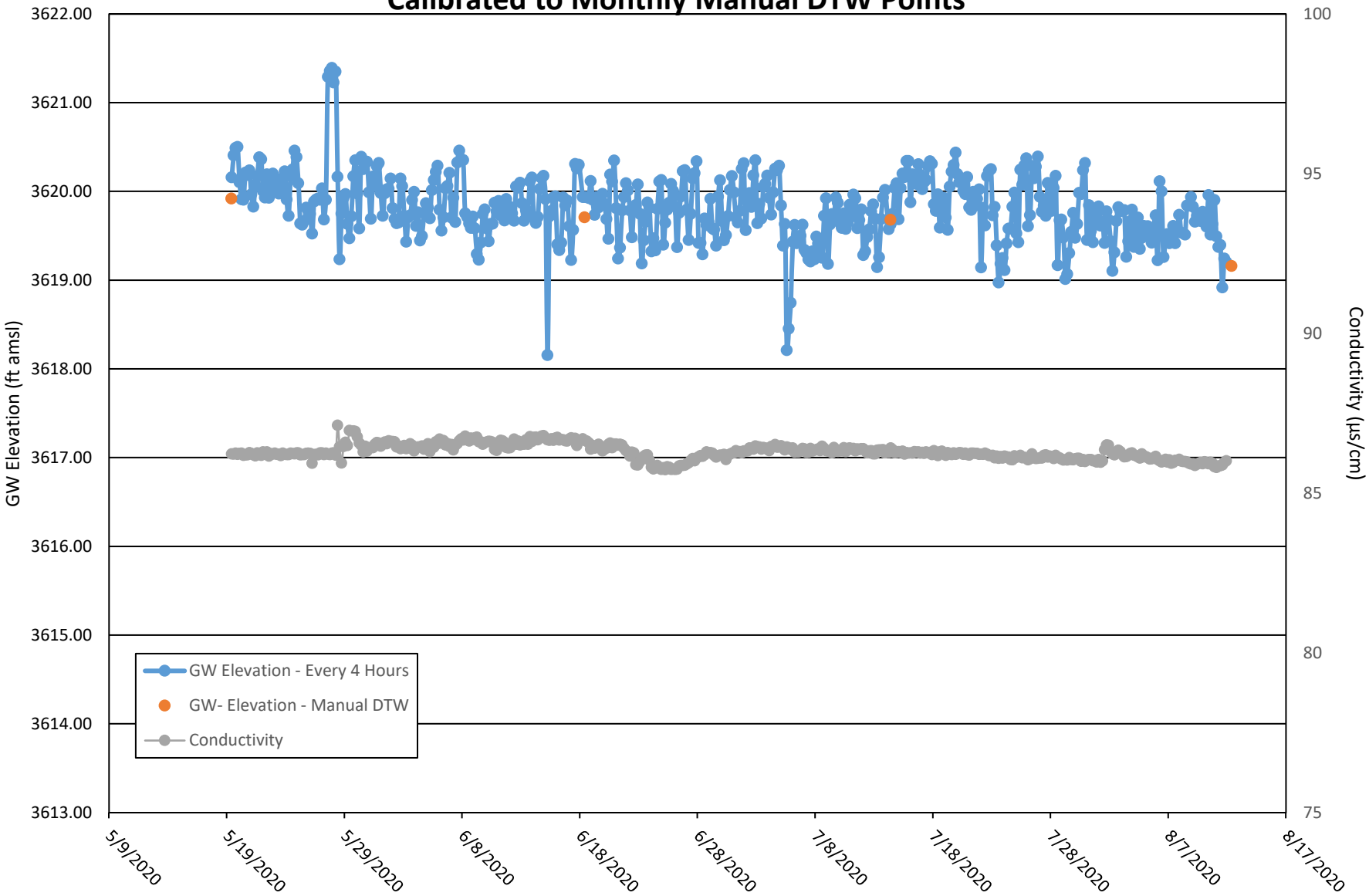
GROUNDWATER ELEVATION DATA
Transducer CMW-2 - Cabin Bar Ranch GMMRP
Calibrated to Monthly Manual DTW Points



Note: Transducer data from AquaTroll 200 correlated to Monthly Manual DTW points during the quarterly period shown.

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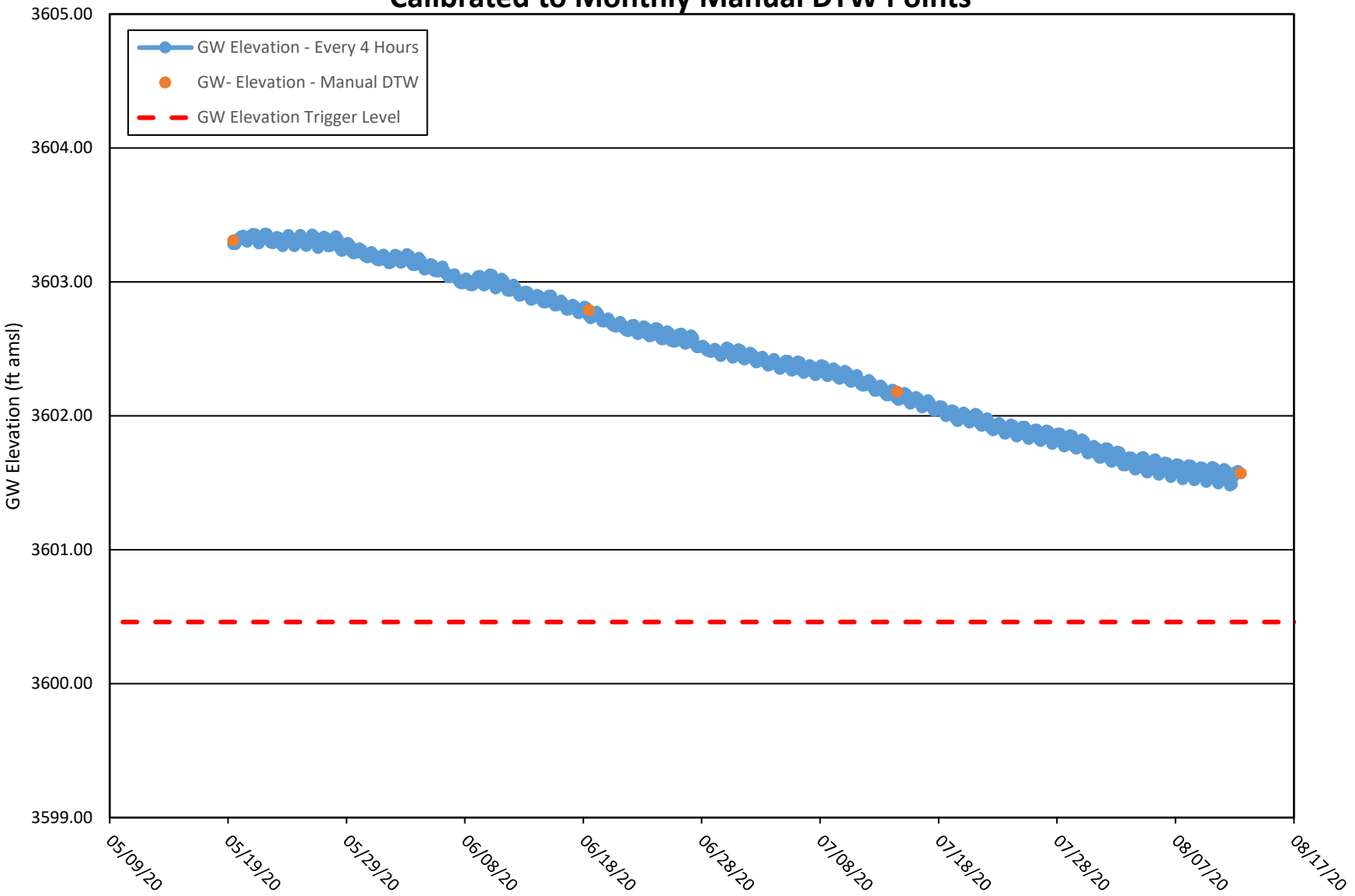
GROUNDWATER ELEVATION DATA
Transducer P-15 - Cabin Bar Ranch GMMRP
Calibrated to Monthly Manual DTW Points



Note: Transducer data from AquaTroll 200 correlated to Monthly Manual DTW points during the quarterly period shown.

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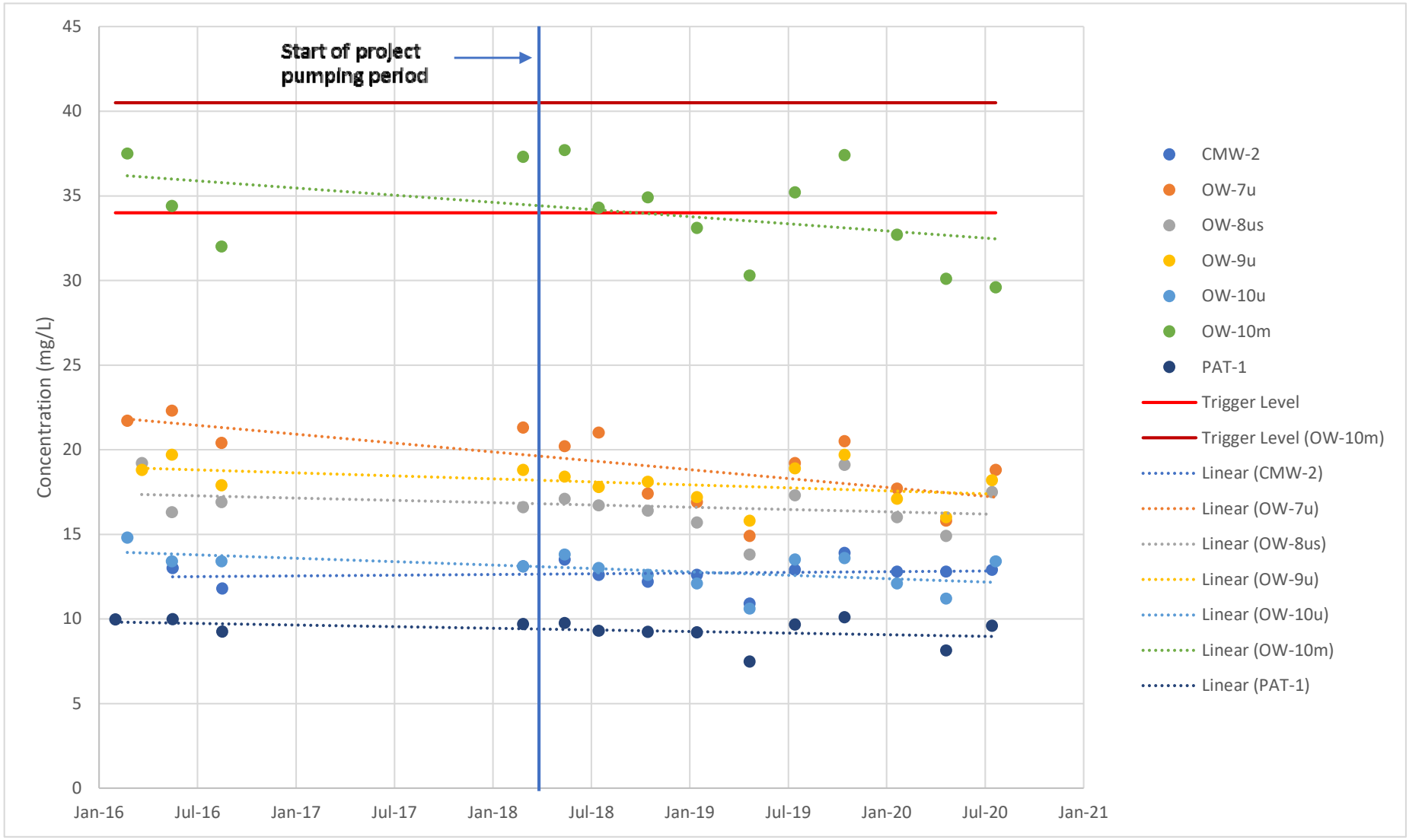
ATTACHMENT C

STATISTICAL ANALYSIS GRAPHS

SODIUM CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



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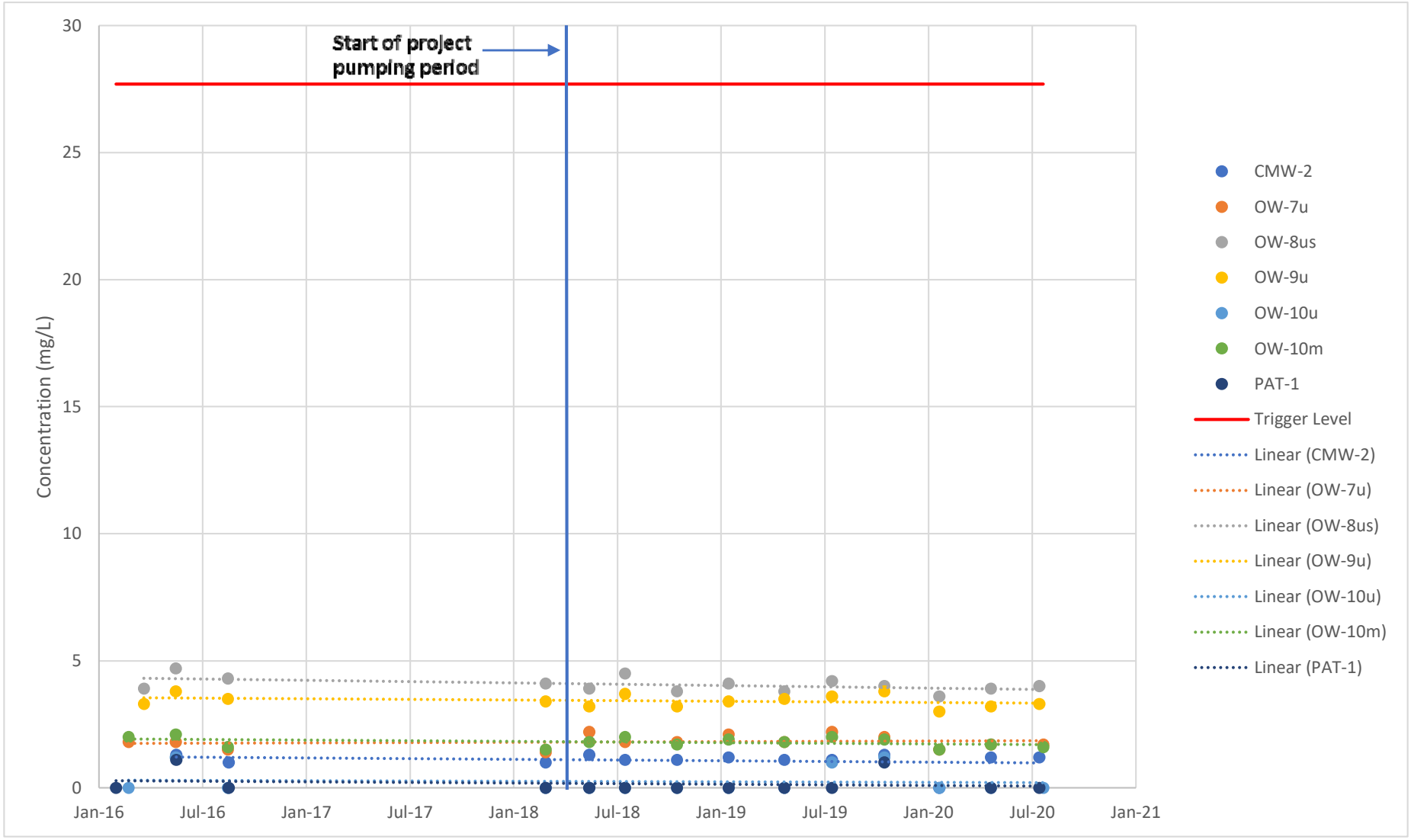
CHLORIDE CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



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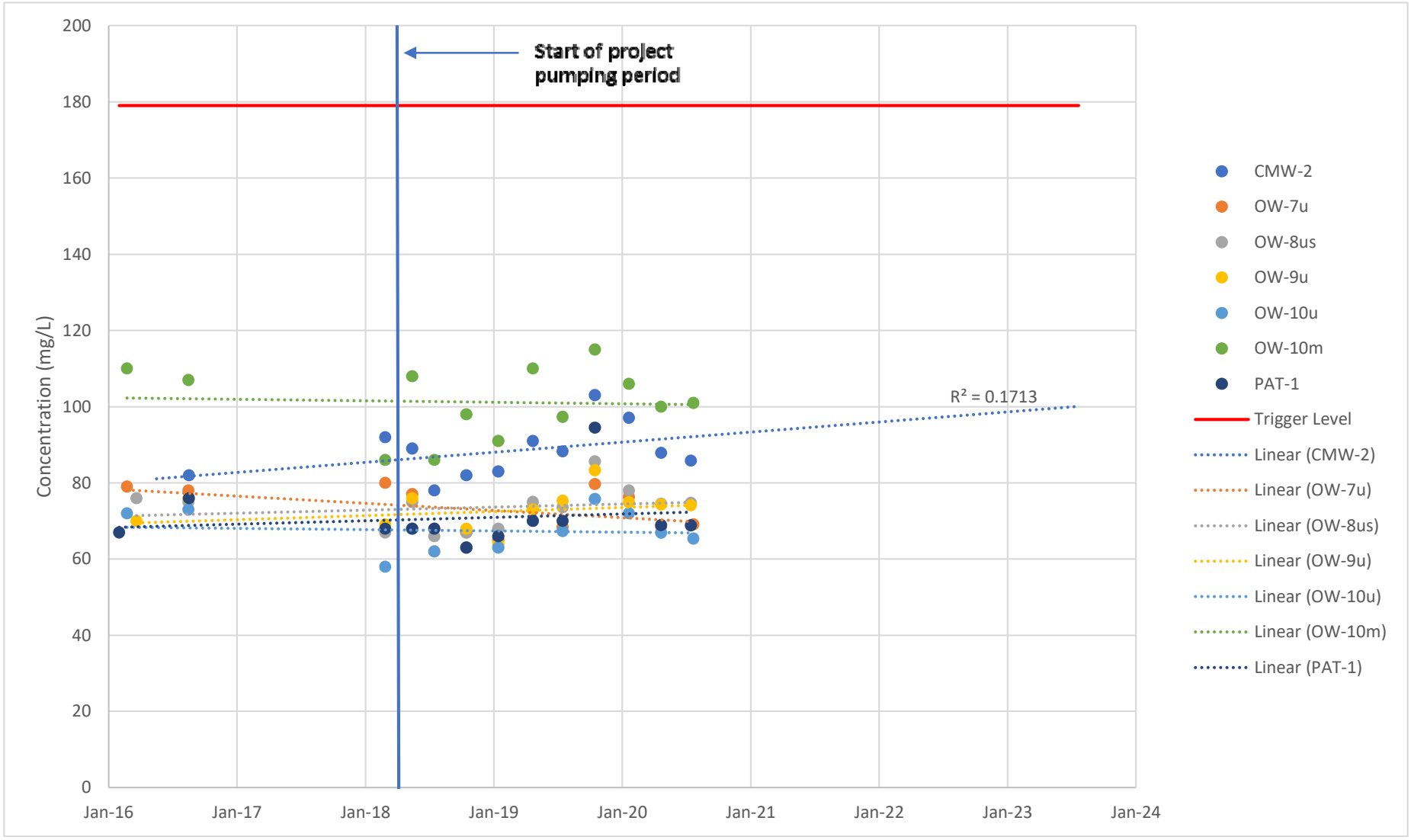
BICARBONATE CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



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

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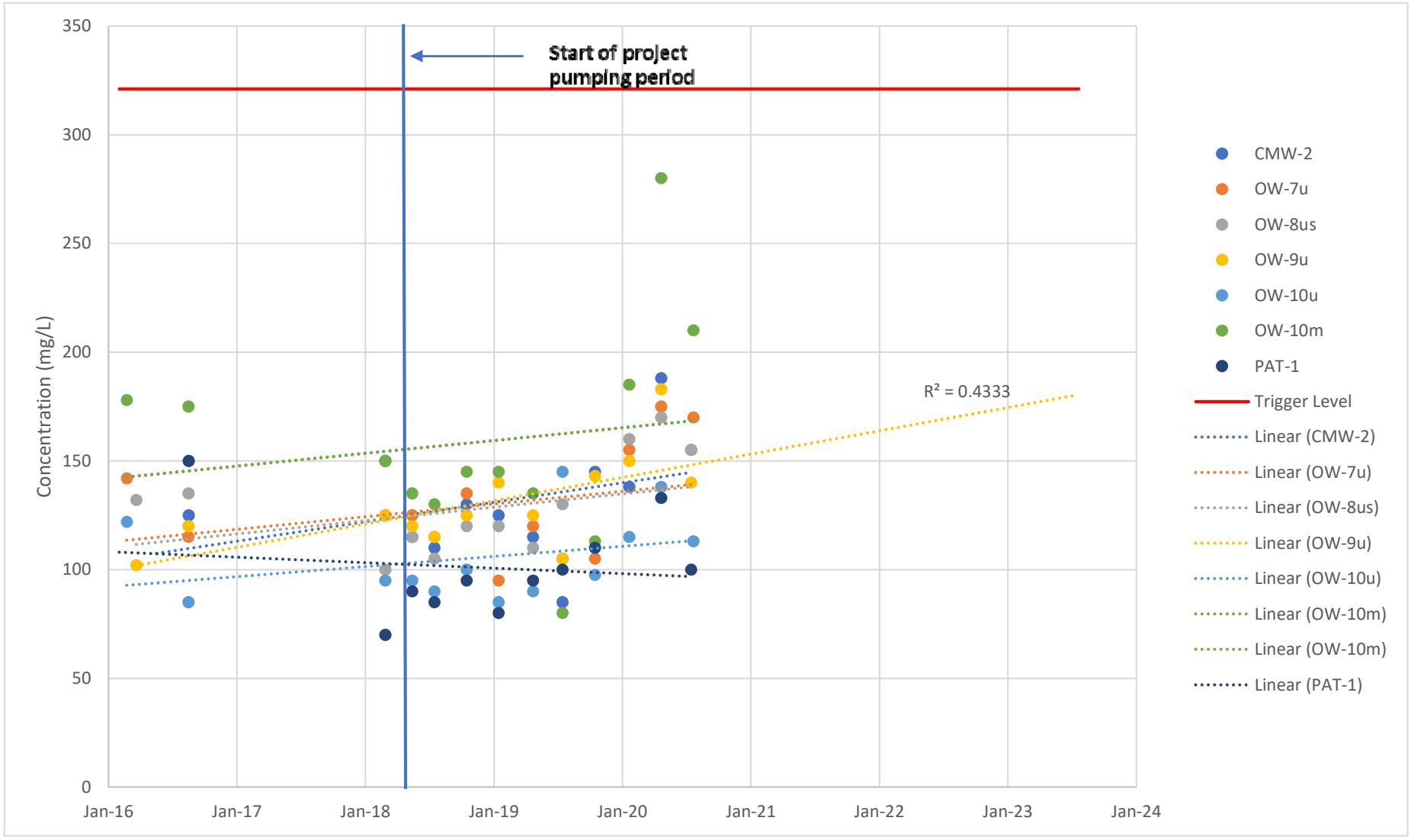
TOTAL DISSOLVED SOLIDS CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



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

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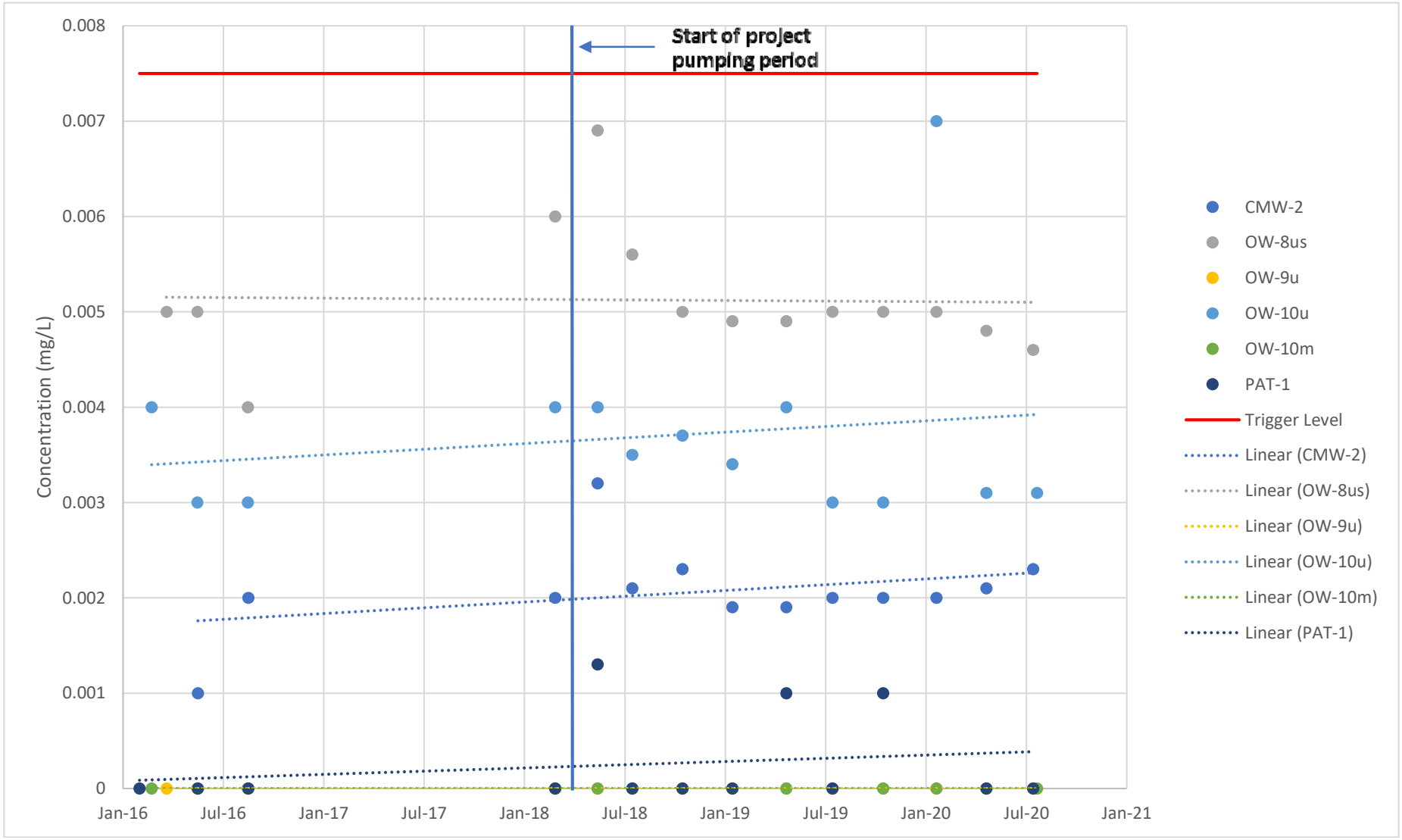
ARSENIC CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



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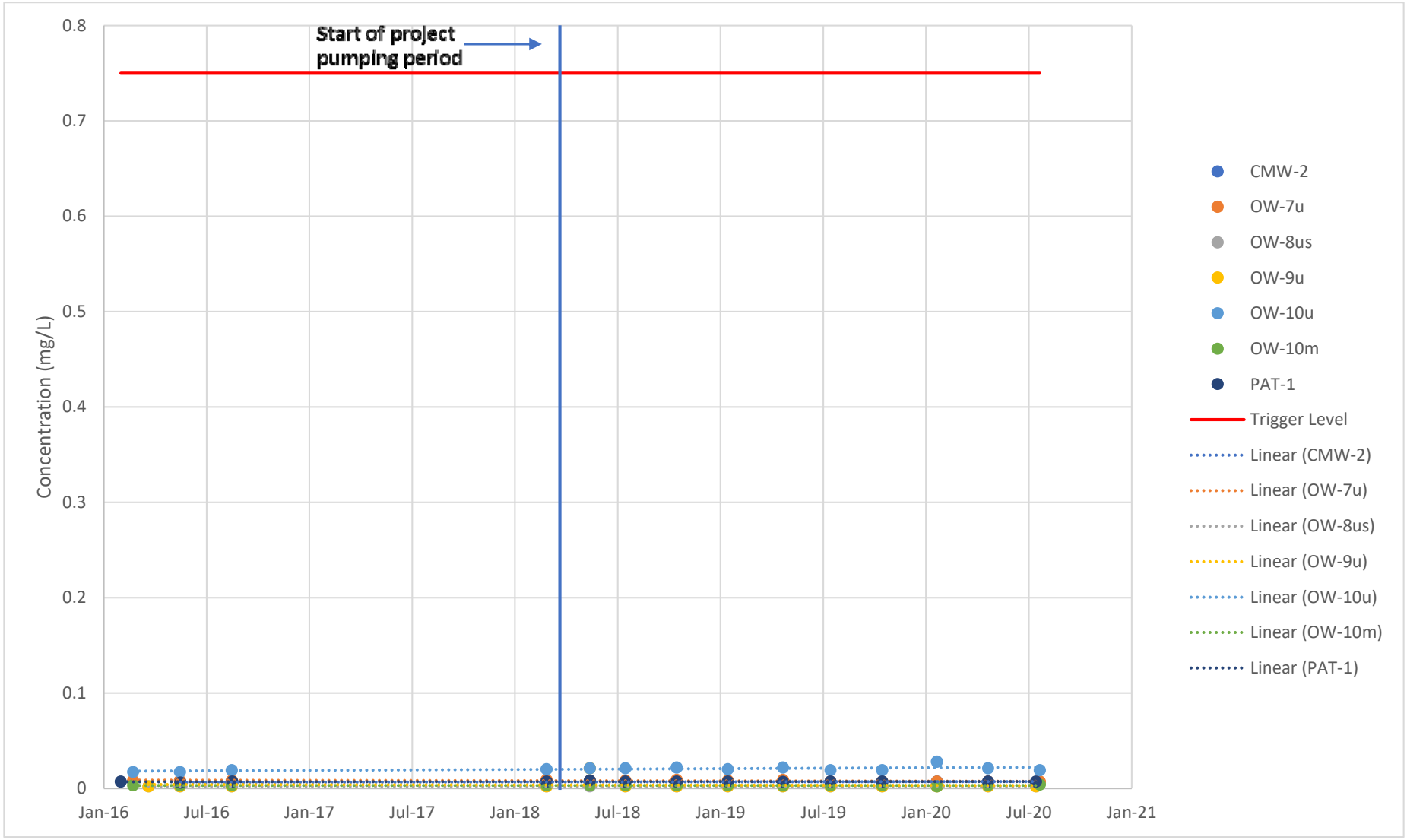
BARIUM CONCENTRATION OVER TIME
Cabin Bar Ranch GMMRP Monitoring Points



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