

Sent VIA EMAIL

October 28, 2021

Mr. Elliott Russell
Environmental Protection Specialist
Colorado Department of Natural
Resources Division of Reclamation,
Mining, and Safety Office of Mined
Land Reclamation
1313 Sherman Street, Room 215
Denver, Colorado 80203

RE: Cresson Project Permit M-1980-244:
Ground Water Monitoring Data: 3rd Quarter 2021
Surface Water Monitoring Data: 3rd Quarter 2021

Dear Mr. Russell:

Cripple Creek & Victor Gold Mining Company ("CC&V") hereby provides the ground water & surface water monitoring report for the Cresson Project compliance locations for the 3rd quarter, (July through September) 2021.

CC&V collected all required samples as outlined in Permit No. M-1980-244. During the quarter CC&V was unable to collect water samples at Poverty Gulch monitoring wells PGMW-2 and PGMW-4 as they were reported dry. Squaw Gulch monitoring wells SGMW-5, SGMW-6A, SGMW-7A, and SGMW-7B were reported dry. Arequa Gulch monitoring well CRMW-5A did not contain sufficient water to provide a sample for analysis (DTW 201.4' with a well depth of 205' indicates 3.6' water column which was not enough to provide a sample). CC&V had the pump and motor from monitoring well VIN-2A removed and collected a sample with a manual bailer. CC&V is still in the process of identifying and installing an alternate dedicated sampling solution for VIN-2A.

Grab samples were collected from monitoring wells CRMW-3B and CRMW-3C as these monitoring wells are on a pump back system, continually cycling on and off pumping water back to site. As such water contained within the well bore is considered representative of the water within formation, and grab samples are collected at these well locations. In Q3 the pump within monitoring well CRMW-3C failed, and CC&V is currently in the process of replacing the pump and controller to units similar to what is installed within CRMW-3B.

Surface water sampling locations in Vindicator Valley (T-2), Wilson Creek (WCSW-01), and Grassy Valley (GV-02 & GV-03) had no flow and were reported dry.

CC&V Collected 11 QA/QC samples in Q3, 2021. Two duplicate samples were collected in Q3, one duplicate sample from monitoring well PGMW-3 was collected on 8-16-2021 and the second duplicate sample was collected from monitoring well GVMW-8B on 8-19-2021. Five rinse blanks were collected from the during the quarterly sampling, these samples were collected on the following dates: two samples collected on 8/26/2021, two samples collected on 9/20/2021, and one sample collected on 9/22/2021. Two trip blank samples were submitted to our lab for analysis, both shipped on 9-22-21 to SVL Analytical. Reagent water for blank samples was produced using CC&V's Thermo Scientific Barnstead automatic deionizer. Relative percent difference calculations completed for the duplicate monitoring well samples are included within the QA/QC section.

Exceedances recorded in the Squaw Gulch drainage from samples collected on August 10, 2021 pertain to analytes aluminum, beryllium, cadmium, cobalt, fluoride, manganese, nickel, sulfate, pH, uranium, and zinc. Third quarter 2021 concentrations are in some cases elevated in comparison to previously reported concentrations for this

drainage. These increases in observed concentrations are hypothesized to be the result of significant precipitation during the month of July, 2021 (Rigi recorded 6.085 inches), similarly to what was observed in Q3, 2017 following significant precipitation recorded in July 2017 (Rigi recorded 8.77 inches).

Exceedances recorded in the Grassy Valley drainage from samples collected on August 19, 2021 from monitoring wells GVMW-8A, GVMW-8B, and GVMW-22A pertain to the analyte fluoride and are consistent with previously reported concentrations. pH exceedance reported for GVMW-22A on September 16, 2021 was in error, as the recorded field data for monitoring well GVMW-25 was incorrectly recorded for monitoring well GVMW-22A. The corrected field data sheet is in Appendix A. Exceedances recorded in the Grassy Valley drainage from samples collected on August 19, 2021 from monitoring well GVMW-25 pertain to the analytes beryllium, cadmium, fluoride, manganese, pH, sulfate, and zinc. Third quarter 2021 concentrations recorded at monitoring well GVMW-25 are not consistent with previously reported concentrations, and are hypothesized to be the result of significant precipitation during the month of July, 2021 in Grassy Valley (Grassy precip gauge recorded 7.39 inches). Per request from the Division contained within the September 2021 inspection report received October 14, 2021, the monitoring frequency for monitoring wells GVMW-8A, GVMW-8B, GVMW-22A, GVMW-22B, and GVMW-25 has been increased to monthly until further notice from the Division.

Exceedances recorded in the Arequa Gulch drainage from samples collected on August 10, 2021 (AG 2.0), August 26, 2021 (CRMW-5B & CRMW-5D), September 8, 2021 (CRMW-3A & CRMW-3B), September 20, 2021 (CRMW-3C), and September 22, 2021 (CRMW-3C) pertain to fluoride, and sulfate. Third quarter 2021 concentrations are generally consistent with previously reported concentrations. No new or anomalous concentrations are reported for this drainage.

Exceedances recorded in the Poverty Gulch drainage from samples collected on August 16, 2021 from monitoring well PGMW-3 pertain to aluminum, copper, nitrate as N, nitrate + nitrite as N, pH, and sulfate. Third quarter 2021 concentrations are generally consistent with previously reported concentrations. No new or anomalous concentrations are reported for this drainage.

As reported on September 2, 2021, CC&V collected third quarter compliance groundwater samples from monitoring well SGMW-6B on August 10, 2021, from monitoring well PGMW-3 on August 16, 2021, from monitoring wells GVMW-8A, GVMW-8B, GVMW-22A, and GVMW-25 on August 19, 2021 and collected third quarter compliance surface water monitoring samples from surface water monitoring location AG-2.0 on August 10, 2021. Upon review, CC&V determined that monitoring well SGMW-6B exceeded established numeric protection limits for aluminum, cadmium, fluoride, manganese, nickel, pH and Zinc, and exceeded the established table value standard for beryllium, cobalt, sulfate, and uranium. Monitoring well location PGMW-3 exceeded established numeric protection limits for aluminum, copper, nitrate as N, nitrate + nitrite as N, pH, and exceeded table value standards for sulfate. Monitoring well GVMW-8A exceeded established numeric protection limits for fluoride. Monitoring well GVMW-8B exceeded established numeric protection limits for fluoride. Monitoring well GVMW-22A exceeded established numeric protection limits for fluoride. Monitoring well GVMW-25 exceeded established numeric protection limits for cadmium, fluoride, manganese, pH, and zinc, and exceeded established table value standards for beryllium and sulfate. Surface water monitoring location AG-2.0 exceeded established numeric protection limits for fluoride. Table 1 below lists the exceedance for the location and the associated parameter.

Table 1.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Value Standard (mg/L)
AG 2.0	8/10/2021	Fluoride	3.14	2	2
GVMW-8A	8/19/2021	Fluoride	2.2	2	2
GVMW-8B	8/19/2021	Fluoride	2.14	2	2
GVMW-22A	8/19/2021	Fluoride	2.06	2	2
SGMW-6B	8/10/2021	Aluminum	21.1	7	5
SGMW-6B	8/10/2021	Beryllium	0.114	--	0.004

SGMW-6B	8/10/2021	Cadmium	0.0141	0.005	0.005
SGMW-6B	8/10/2021	Cobalt	0.171	--	0.05
SGMW-6B	8/10/2021	Fluoride	14.8	2	2
SGMW-6B	8/10/2021	Manganese	15.8	3	0.05
SGMW-6B	8/10/2021	Nickel	0.284	0.2	0.1
SGMW-6B	8/10/2021	Sulfate	1380	--	250
SGMW-6B	8/10/2021	pH	4.64	6.0 - 8.5	6.5 - 8.5
SGMW-6B	8/10/2021	Uranium	0.408	--	0.03
SGMW-6B	8/10/2021	Zinc	3.5	2	2
PGMW-3	8/16/2021	Aluminum	13.1	7	5
PGMW-3	8/16/2021	Copper	0.23	0.2	0.2
PGMW-3	8/16/2021	Nitrate as N	11.3	10	10
PGMW-3	8/16/2021	Nitrate + Nitrite as N	11.3	11	10
PGMW-3	8/16/2021	pH	4.23	6.0 - 8.5	6.5 - 8.5
PGMW-3	8/16/2021	Sulfate	621	--	250
GVMW-25	8/19/2021	Beryllium	0.0149	--	0.004
GVMW-25	8/19/2021	Cadmium	0.0463	0.005	0.005
GVMW-25	8/19/2021	Fluoride	6.7	2	2
GVMW-25	8/19/2021	Manganese	8.19	3	0.05
GVMW-25	8/19/2021	pH	5.72	6.0 - 8.5	6.5 - 8.5
GVMW-25	8/19/2021	Sulfate	1760	--	250
GVMW-25	8/19/2021	Zinc	2.71	2	2

As reported on September 14, 2021, CC&V collected third quarter compliance groundwater samples from monitoring wells CRMW-5B and CRMW-5D on August 26, 2021. CC&V received analytical results for these monitoring well samples on September 21, 2021 and upon review, determined that monitoring wells CRMW-5B and CRMW-5D exceeded established numeric protection limits for fluoride. Table 2 below lists the exceedance for the location and the associated parameter.

Table 2.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Value Standard (mg/L)
CRMW-5B	8/26/2021	Fluoride	2.97	2	2
CRMW-5D	8/26/2021	Fluoride	3.51	2	2

As reported on September 16, 2021, CC&V collected third quarter compliance groundwater samples from monitoring wells CRMW-22A on August 19, 2021. Upon additional document review completed on September 14, 2021, CC&V determined that monitoring well GVMW-22A exceeded established numeric protection limits for pH. Table 3 below lists the exceedance for the location and the associated parameter.

Table 3.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Value Standard (mg/L)
CRMW-22A	8/19/2021	pH	5.72	6	6.5

As reported on September 30, 2021, CC&V collected third quarter compliance groundwater samples from monitoring wells CRMW-3A and CRMW-3B on September, 2021, and resampled monitoring well GVMW-25 after

the initial results received earlier in the quarter. Upon review of received analytical results monitoring wells CRMW-3A and CRMW-3B exceeded established numeric protection limits for fluoride, and monitoring well CRMW-3A exceeded established table value standards for sulfate. Review of resample results for monitoring well GVMW-25 included numeric protection limit exceedances for aluminum, cadmium, fluoride, manganese, pH and zinc with table value exceedances for beryllium, and sulfate. Table 4 below lists the exceedance for the location and the associated parameter.

Table 4.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Value Standard (mg/L)
CRMW-3A	9/8/2021	Fluoride	3.18	2	2
CRMW-3A	9/8/2021	Sulfate	638	---	250
CRMW-3B	9/8/2021	Fluoride	2.61	2	2
GVMW-25	9/1/2021	Aluminum	19.3	7	5
GVMW-25	9/1/2021	Beryllium	0.0331	---	0.004
GVMW-25	9/1/2021	Cadmium	0.0849	0.005	0.005
GVMW-25	9/1/2021	Fluoride	12.8	2	2
GVMW-25	9/1/2021	Manganese	15.6	3	0.05
GVMW-25	9/1/2021	pH	5.21	6.0 - 8.5	6.5 - 8.5
GVMW-25	9/1/2021	Sulfate	2180	---	250
GVMW-25	9/1/2021	Zinc	4.49	2	2

As reported on October 7, 2021, CC&V collected third quarter compliance groundwater samples from monitoring well CRMW-3C on September 20, 2021. Upon review of received analytical results, monitoring well CRMW-3C exceeded established numeric protection limits for fluoride, and exceeded established table value standards for sulfate. Table 5 below lists the exceedance for the location and the associated parameter.

Table 5.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Value Standard (mg/L)
CRMW-3C	9/20/2021	Fluoride	2.05	2	2
CRMW-3C	9/20/2021	Sulfate	564	---	250

As reported on October 14, 2021, CC&V collected a second third quarter compliance groundwater monitoring sample from monitoring well CRMW-3C on September 22, 2021 to verify results from sample collected on September 20, 2021. Upon review of received analytical results, the second sample for monitoring well CRMW-3C also exceeded established numeric protection limits for fluoride, and also exceeded established table value standards for sulfate. Table 6 below lists the exceedance for the location and the associated parameter.

Table 6.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Value Standard (mg/L)
CRMW-3C	9/22/2021	Fluoride	2.41	2	2
CRMW-3C	9/22/2021	Sulfate	589	---	250

As reported on October 21, 2021, CC&V collected a third quarter compliance groundwater monitoring sample from monitoring well VIN-2A on September 29, 2021. Upon review of received analytical results, the analyzed sample for monitoring well VIN-2A exceeded established table value standards for sulfate. Table 7 below lists the exceedance for the location and the associated parameter.

Table 7.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Value Standard (mg/L)
VIN-2A	9/29/2021	Sulfate	670	---	250

Should you require additional information please do not hesitate to contact Ronald Parratt at 719.689.4019 or ronald.parratt@newmont.com or myself at 719.689.4042 or justin.raglin@newmont.com

Sincerely,

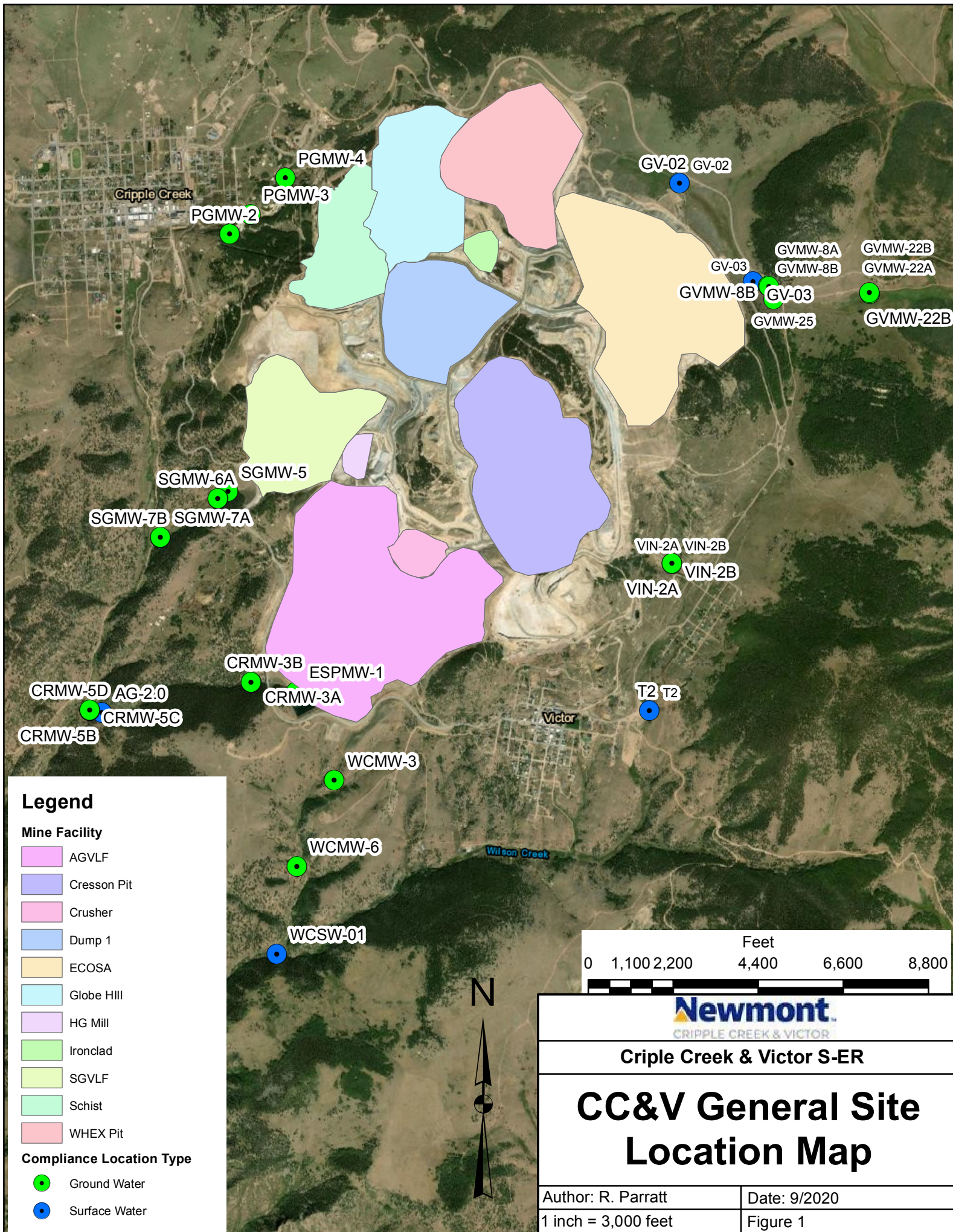


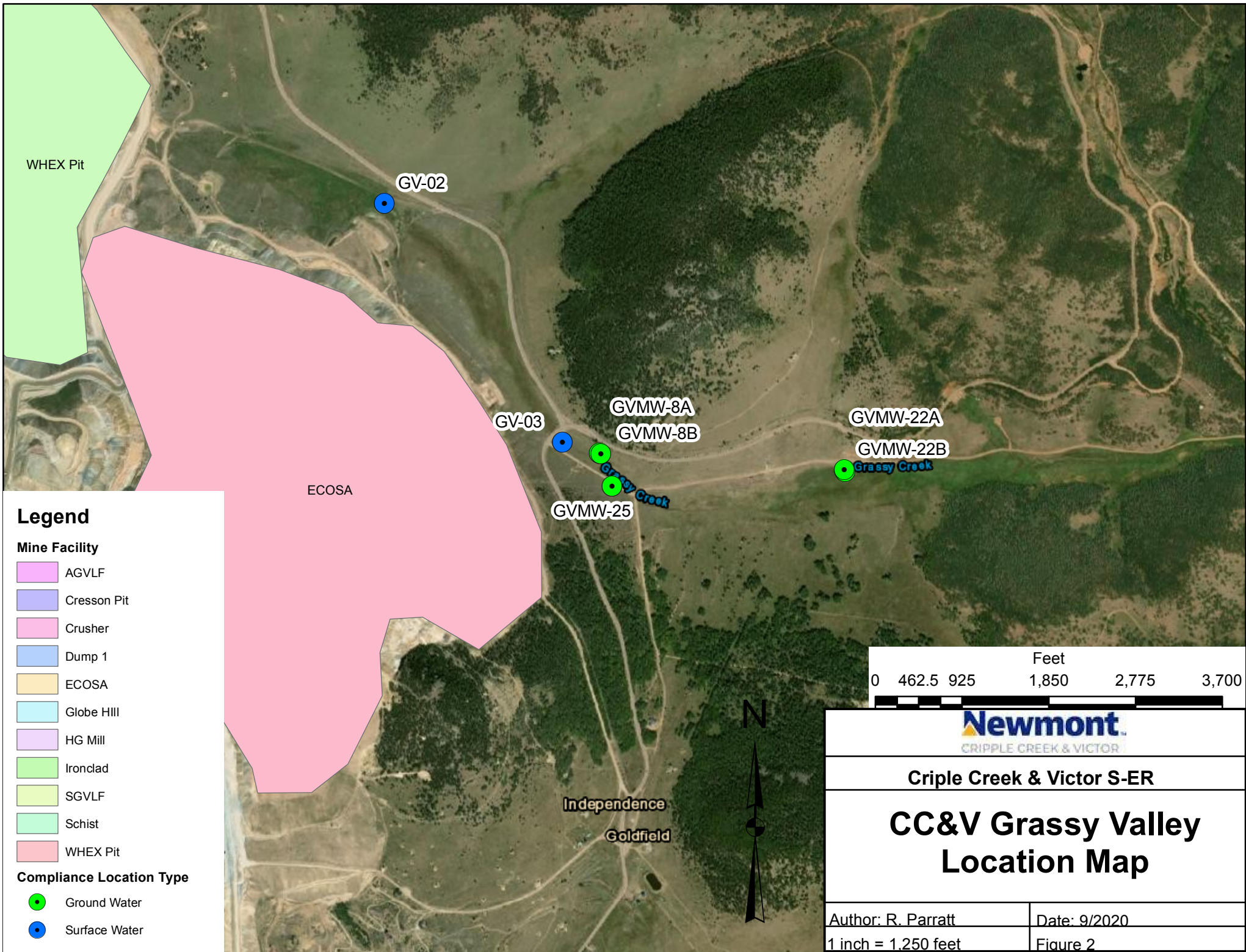
Justin Raglin
Sustainability & External Relations Manager
Cripple Creek & Victor Gold Mining Company

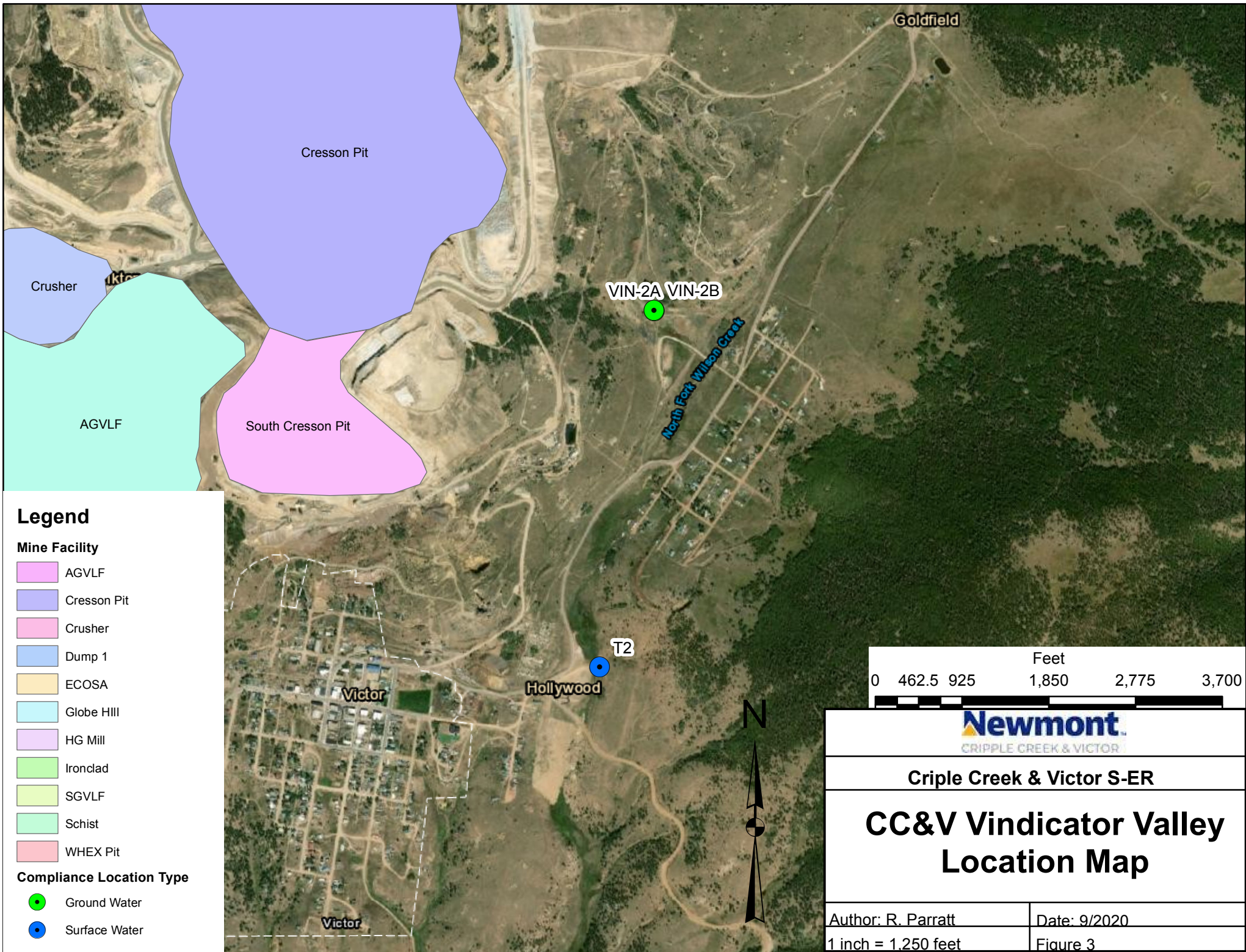
ECC:
Lynda Morgan

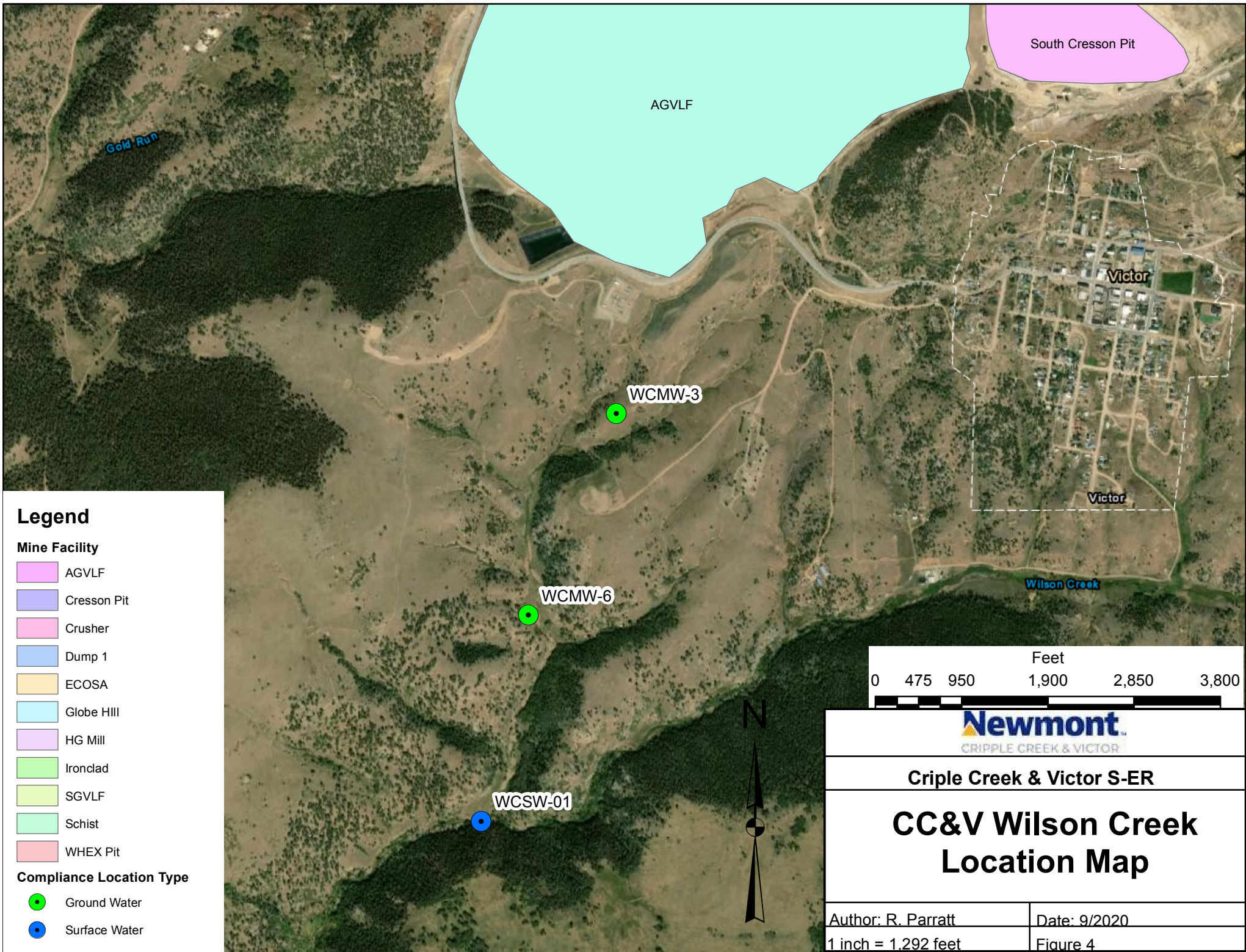
Appendix A

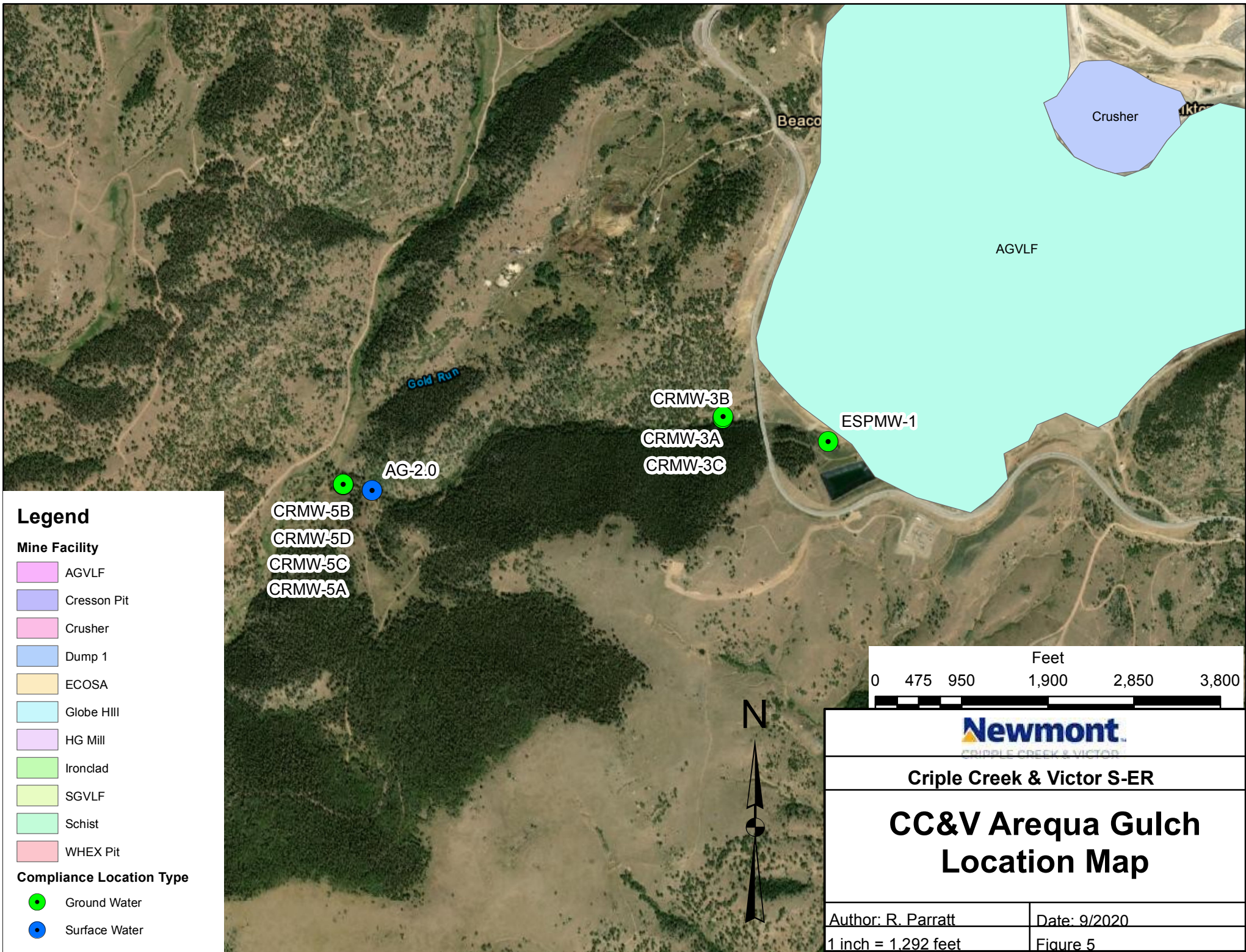
Location Maps

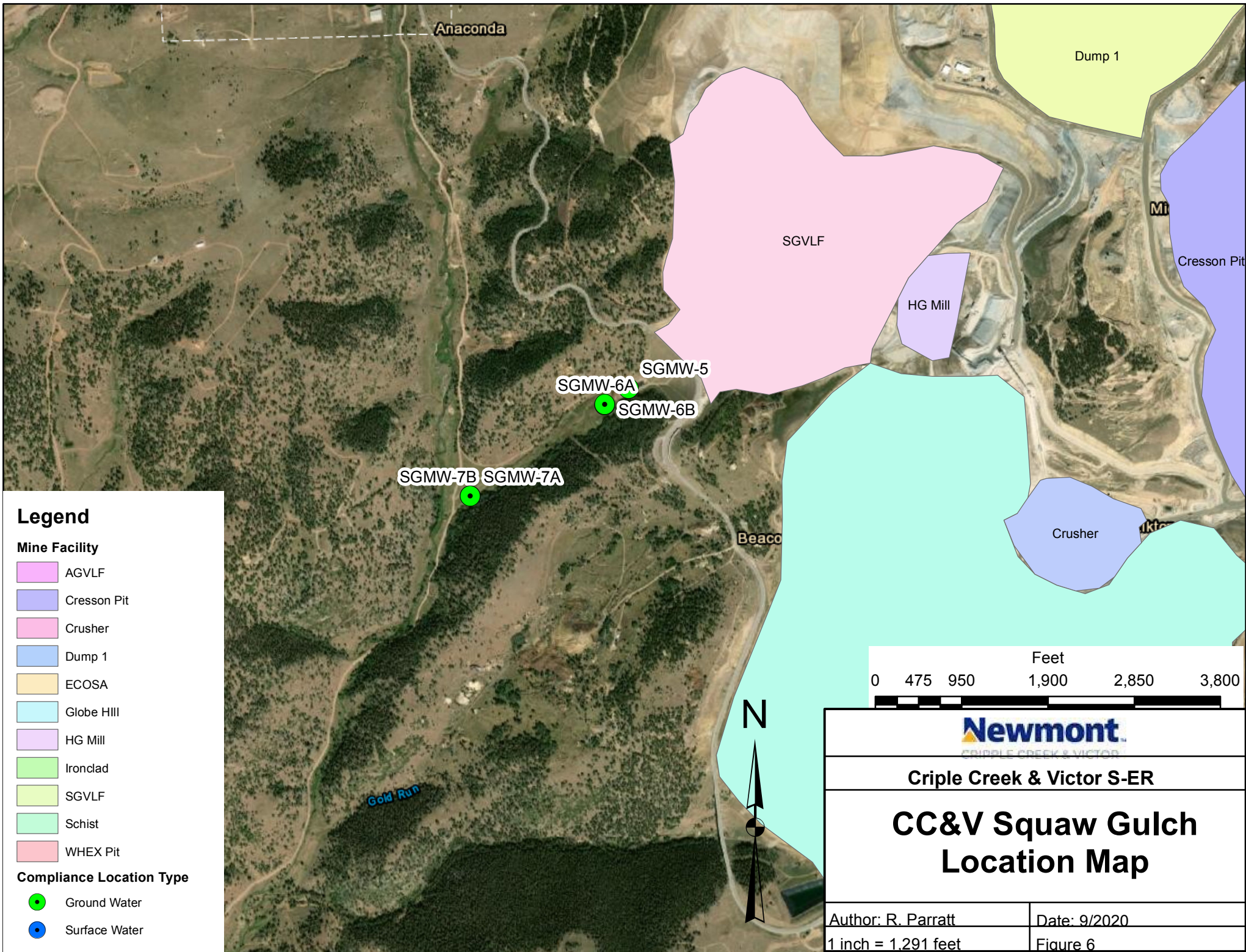


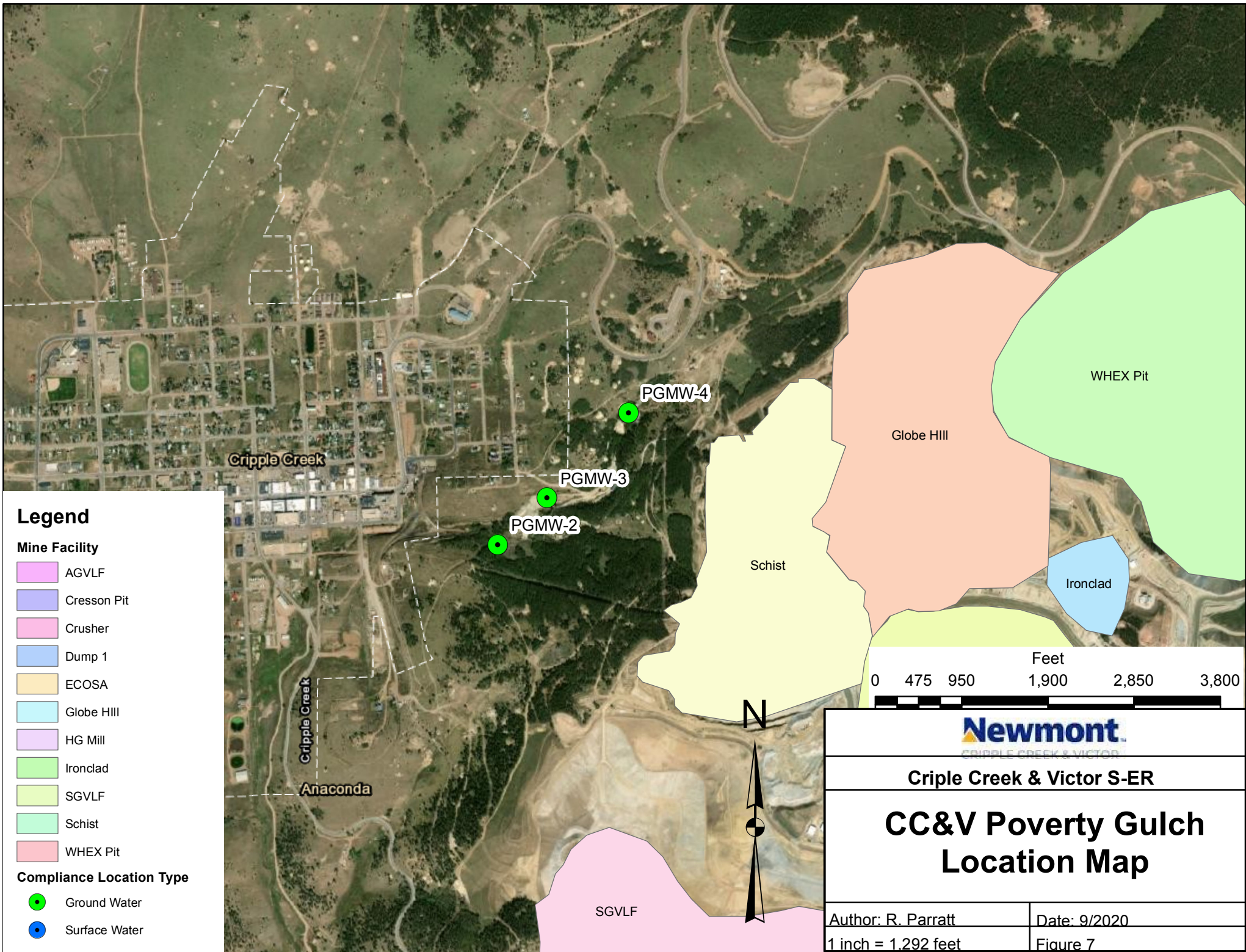












Field Sheets

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Arapa Gulch

Date: 9-8-21

Technician: Doering

Quarter: 3rd

Static Water Level: 9.5

Well ID: CRMW-3A

Is well Dry? No

If so Dry at: feet

	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
	2:58					
25.8	12:55 pm	.3	6.64	2183	12.8	2 Liters / minute
25.8	1:00	.3	6.64	2187	11.6	
25.8	1:05	.3	6.64	2202	11.5	
25.8	1:10	.3	6.59	2199	11.4	
25.8	1:15	.3	6.64	2196	11.4	
25.8	1:20	.3	6.57	2208	11.3	
25.8	1:25	.3	6.57	2213	11.4	
25.8	1:30	.3	6.61	2218	11.4	

Sample Method: Low Flow Stabilization Rate (gpm): .52 Time Start: 12:50 Time End: 1:35

Well depth 35'
Sampled at - 25.5
Water depth 9.5'

Final Parameters	Stabilization Guidance	Met?	Comments
pH	6.61	0.1	<input checked="" type="checkbox"/> Y/N
Conductivity	2218	3%	<input checked="" type="checkbox"/> Y/N
Temp@	11.4	10%	<input checked="" type="checkbox"/> Y/N
Final H2O level	9.2	feet	

O/G visible: ☒ Y/N

Turbid? ☒ Y/N

Equipment Decontaminated: ☒ Y/N

Decontamination procedure used: Deployable pump and Peristaltic pump triple decontaminated with Loguinox

Weather: Sunny / Hazy

Signature: 

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Aragua Gulch

Date: 9-8-21

Technician: Docking

Quarter: 3rd

Static Water Level: 14.5'

Well ID: CRMW-3B

Is well Dry? No

If so Dry at: feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
11:10	0	6.77	1833	19.6	

Sample Method: designated continuous pump
Grab sample Rate (gpm): 1.06 Time Start: 11:00 Time End: 11:15 am

Final Parameters	Stabilization Guidance	Met?	Comments
pH	<u>6.77</u>	0.1	Y/N
Conductivity	<u>1833</u>	3%	Y/N
Temp@	<u>19.6</u>	10%	Y/N
Final H2O level	<u>14.5'</u>	feet	

O/G visible: Y(N)

Turbid? Y(N)

Equipment Decontaminated: Y(N)

Decontamination procedure used:

Peristaltic Pump decontaminated with Lysol.
Dedicated well pump

Weather: Sunny / Hazy

Signature: [Signature]

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Aragua Gulch

Date: 9-20-21

Technician: Doering

Quarter: 3rd

Static Water Level: 81.3'

Well ID: CRMW-3C

Is well Dry? No

If so Dry at: — feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
12:10		6.36	2055	18.5	1 Liter / 100 sec
12:15		6.83	2048	19.5	increased to 1L/min
12:20		6.9	2048	19.3	
12:25		6.87	2054	19.9	
12:30		6.88	2047	20.5	
12:35		6.88	2029	20.5	
12:40		6.89	1993	19.1	
47.5 12:45		6.97	1991	19.00	
12:50		6.94	1960	20.3	
12:55		6.92	1926	20.8	
55.6 1:00		6.83	1886	20.9	
57.8 1:05		6.83	1830	19.6	
58.3 1:10		6.86	1833	19.8	

Sample Method: Low Flow

Rate (gpm): 0.26

Time Start: 12:00pm Time End: 1:10pm

Final Parameters	Stabilization Guidance	Met?	Comments
pH	6.86	0.1	Y/N
Conductivity	1833	3%	Y/N
Temp@	19.8	10%	Y/N
Final H2O level	65.7	feet	

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: Peristaltic and deployable pump triple rinsed with ligand

Weather: Cloudy

Signature: [Signature]

Newmont Mining Co Cripple Creek &
Victor Gold Mining Co

Groundwater Sampling Log

Location : Aragua Gulch
Technician: Deering
Static Water Level: 85'
Is well Dry? No

Date: 9-22-21
Quarter: 3rd
Well ID: CRMW-3C
If so Dry at: — feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
7:55am	6.1	7.69	2081	8.7	3L/min
8:00	12	7.03	2087	8.2	
8:05	17.8	7.14	2078	8.4	
8:10	22.9	7.19	2066	8.5	
8:15	28.1	7.16	2019	8.6	
8:20	31.5	7.17	1935	8.7	2L/min
8:25	35.8	7.21	1910	8.9	
8:30	38.8	7.17	1879	9.0	
8:35	41.2	7.18	1843	9.1	
8:40	43	7.16	1828	9.3	
8:45	44.8	6.96	1827	9.3	1L / 42 seconds
8:50	47.3	7.10	1822	9.5	
8:55	49.5	7.16	1823	9.6	
9:00	51.7	7.18	1817	10.00	Pump Moved out
9:05	53.6	7.16	1830	9.6	Record continues on Back

Sample Method: Low Flow Rate (gpm): .238 Time Start: 7:55am Time End: 9:35am

Well depth 124'
Sounded at 39
static level 85'

Final Parameters	Stabilization Guidance	Met?	Comments
pH	7.23	0.1	Y/N
Conductivity	1865	3%	Y/N
Temp@	11	10%	Y/N
Final H2O level	24.5	feet	

Turbid? Y/N

O/G visible: Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: deployable and peristaltic pumps decontaminated with ligand.

Weather: Clear

Signature: [Signature]

$$V = \left(\frac{\pi \times r^2}{144} \right) \times \text{depth}$$

$$V = \left(\frac{3.14 \times 2^2}{144} \right) \times 85'$$

$$V = 7.414 \text{ FL}^3$$

$$\times 28.317$$

$$V = 210.33 \text{ Liters}$$

$$3V = 630.99 \text{ Liters}$$

Time	drawdown	PH	Cond	Temp	Notes
9:10	55.3	7.16	1838	9.6	1 liter / 66 seconds
9:15	56.9	7.24	1837	9.7	
9:20	59	7.29	1841	10.3	
9:25	59.3	7.16	1843	10.6	
9:30	59.9	7.20	1852	10.6	
9:35	60.5	7.23	1865	11	

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Arcena Gulch

Date: 8-31-21

Technician: Doering

Quarter: 3.2

Static Water Level: 3.6'

Well ID: CRMW-5A

Is well Dry? No

If so Dry at: feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
1:05 pm					

Well depth 205'
water sounded -201.4'
water depth 3.6'

Sample Method: insufficient to pump Rate (gpm): Time Start: 1:05 Time End: 1:10

Final Parameters	Stabilization Guidance	Met?	Comments
pH	0.1	Y/N	
Conductivity	3%	Y/N	
Temp@	10%	Y/N	
Final H2O level	feet		

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used:

Signature: [Signature]

Weather: Cloudy

Not enough volume to pump and sample.

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Arroyo Gulch

Date: 8-26-21

Technician: Doering

Quarter: 3rd

Static Water Level: 117.1' 115.1'

Well ID: CRMW-5B

Is well Dry? No

If so Dry at: — feet

	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
27.9	12:40 pm	0	6.97	360.4	9.7	20L / min
32.7	12:45	4.8	7.58	350.5	8.6	20L / minute
31.7	12:50	3.8	7.66	330.5	8.6	8.5L / minute
32.1	12:55	4.2	7.76	284.3	8.3	8.5L / min
32.1	1:00	4.2	7.72	278.8	8.4	8.5L / minute
29.4	1:05	1.5	7.71	276.9	8.9	1L / minute
29.9	1:10	2	7.71	276.9	9.5	2L / minute
31.9	1:15	3	7.68	273.8	8.1	
32.1	1:20	3.2	7.65	274.0	8.2	

Well depth 143'
depth to water - 27.9'
water depth 115.1'

Sample Method: Low Flow Rate (gpm): .53 Time Start: 12:40 Time End: 1:25

Final Parameters	Stabilization Guidance	Met?	Comments
pH	0.1	Y/N	
Conductivity	3%	Y/N	
Temp@	10%	Y/N	
Final H2O level	feet		

O/G visible: Y(N)

Turbid? Y(N)

Equipment Decontaminated: Y(N)

Decontamination procedure used: Peristaltic Pump decontaminated with Liquinox

Signature: [Signature]

Weather: Partly Cloudy

$$V = \left(\frac{\pi \times r^2}{144} \right) \times \text{depth}$$

$$V = \left(\frac{3.14 \times 3^2}{144} \right) \times 115.1$$

$$V = 22.59 \times 28.317$$

$$V = 639.6 \text{ Liters} \times 3$$

$$1,918.9 \text{ Liters} = 3 \text{ well volumes}$$

225 minutes @ 8.5L/minute

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Acqua Gulch

Date: 8-31-21

Technician: Doering

Quarter: 3rd

Static Water Level: 33'

Well ID: CRMW-5C

Is well Dry? NO

If so Dry at: feet

	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
27	1:40	0	7.9	219.6	9.6	4L/min
27.9	1:45	.9	7.07	217.8	8.1	4L/min
28.1	1:50	1.1	6.93	217.7	8.1	4L/min
28.2	1:55	1.2	7.18	216.8	8.5	
28.3	2:00	1.3	7.18	220.5	8.6	
28.2	2:05	1.2	7.19	224.4	8.5	

Sample Method: Low Flow Rate (gpm): 1.06 Time Start: 1:40 Time End: 2:05

well depth 60'
water level -27'
depth of water 33'

Final Parameters	Stabilization Guidance	Met?	Comments
pH	7.19	0.1	<input checked="" type="checkbox"/> Y/N
Conductivity	224.4	3%	<input checked="" type="checkbox"/> Y/N
Temp@	8.5	10%	<input checked="" type="checkbox"/> Y/N
Final H2O level	31.8	feet	

O/G visible: ☒ Y/N

Turbid? ☒ Y/N

Equipment Decontaminated: ☒ Y/N

Decontamination procedure used:

Peristaltic Pump triple rinsed with tap water

Signature: [Signature]

Weather: Overcast

$$V = \left(\frac{\pi \times r^2}{144} \right) \times \text{Depth}$$

$$V = \left(\frac{\pi \times 3^2}{144} \right) \times 33'$$

$$V = \left(\frac{3.14 \times 9}{144} \right) \times 33'$$

$$V = 6.476 \text{ ft}^3 \times 28.317 = 183.4 \text{ Liters}$$

x 3

550 Liters is 3 well volumes

$$\frac{550}{4 \text{ L/min}} = 137.5 \text{ minutes to pump 3 well volumes}$$

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Arequa Gulch

Date: 8-26-21

Technician: Doering

Quarter: 3rd

Static Water Level: 7.57

Well ID: CRMU-5D

Is well Dry? NO

If so Dry at: feet

	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes	
19.3	11:10	0	6.15	182.1	13	6.6 L Per minute	
21	11:15	1.7	6.57	183.6	12.8	6.6 L Per min	33 Liters
22.2	11:20	2.9	6.64	181.6	12.5	6.6 L Per min	66
22.9	11:25	3.6	6.65	181.4	12.6	6.6 L Per min	99
23.8	11:30	4.5	6.73	179.7	12.7	6.6 L Per min	132
23.9	11:35	4.6	6.63	181.3	13.4	6 L Per min	162 L

Sample Method: Purge 3 well volumes Rate (gpm): 1.74 Time Start: 11:10 Time End:

Well depth 26.87
Depth to water - 19.3
Water depth 7.57

Final Parameters	Stabilization Guidance	Met?	Comments
pH	6.63	0.1	<input checked="" type="checkbox"/> Y/N
Conductivity	181.3	3%	<input checked="" type="checkbox"/> Y/N
Temp	13.4	10%	<input checked="" type="checkbox"/> Y/N
Final H2O level	2.97	feet	

O/G visible: ☒ Y/N

Turbid? ☒ Y/N

Equipment Decontaminated: ☒ Y/N

Decontamination procedure used: Designated Pump - Peristaltic pump huplanned with bag-in-box

Signature: [Signature]

Weather: Partly Cloudy

$$V = \left(\frac{\pi \cdot r^2}{144} \right) \cdot \text{Water Depth} \quad V = \left(\frac{3.14 \cdot 9}{144} \right) \cdot 7.57 = 1.48 \text{ ft}^3$$

$$1.48 \times 28.317 = 42 \text{ Liters} = 1 \text{ well volume}$$

$$\times 3$$

$$126 \text{ L} = 3 \text{ volumes} / 6.6 \text{ L/minute} = 19 \text{ minutes for 3 well volumes}$$

Groundwater Sampling Log

Date: 9-9-21

Quarter: 3rd

Well ID: ESAMW-1

Is well Dry? No If so Dry at: feet

1914
200

Well depth $\frac{200}{220}$
 Sounded to $\frac{191.4}{}$
 Water depth $\times 8.6$

Sample Method: Grab for CN Rate (gpm): _____ Time Start: 10:22 Time End: 10:24

O/G visible: Y/N Turbid? Y/N
Equipment Decontaminated: Y/N

Decontamination procedure used: Designated pump no decontamination.
Unlabeled grab sample for CN

Weather: Sunny
Signature: [Signature]

Actual well Depth 200'

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Aregua Gulch ESP

Date: 9-18-21

Technician: Doering

Quarter: 3rd

Static Water Level: 4.4'

Well ID: ESPAU-1

Is well Dry? No

If so Dry at: — feet

199.6

200.8

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
10:16		6.74	426.2	10.3	Purged dry 4 Liters in 12 sec
9:30 am		7.77	423.8	13.7	Purged dry 2 Liters ~ 6 sec

Sample Method: Grab Rate (gpm): 5.28 Time Start: 9:30 am Time End: 10:16

well sounded at 199.6
201
1.4
returned sounded at 200.8

Final Parameters	Stabilization Guidance	Met?	Comments
pH	7.77	0.1	<input checked="" type="checkbox"/> Y/N
Conductivity	423.8	3%	<input checked="" type="checkbox"/> Y/N
Temp@	13.7	10%	<input checked="" type="checkbox"/> Y/N
Final H2O level	0	feet	

O/G visible: ☒ Y/N Turbid? ☒ Y/N slightly

Equipment Decontaminated: ☒ Y/N

Decontamination procedure used: dedicated pump

Weather: mostly clear
Signature: [Signature]

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Grassy Valley

Date: 8-19-21

Technician: Doeing

Quarter: 3rd

Static Water Level: 80.5'

Well ID: GVMW-84

Is well Dry? No

If so Dry at: — feet

149.5
151.5
152
152.5
152.6
152.5

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
9:30am	0	6.12	534.0	9.0	rate 5L/minute
9:40am	2'	6.85	406.2	8.2	rate 5L/minute
9:50am	2.5'	7.03	404.8	8.2	rate 5L/minute
9:55am	3'	6.94	408.3	8.6	rate 6L/minute +
10:00am	3.1'	6.98	404.8	8.1	rate 6L/minute
10:05am	3'	7.06	408.9	8.8	

Sample Method: Low Flow Rate (gpm): 1.58 Time Start: 9:30am Time End:

Final Parameters	Stabilization Guidance	Met?	Comments
pH	<u>7.06</u>	0.1	<u>Y/N</u>
Conductivity	<u>405.9</u>	3%	<u>Y/N</u>
Temp@	<u>8.8</u>	10%	<u>Y/N</u>
Final H2O level	<u>77.5</u>	feet	

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: Peristaltic Pump hose rinsed with Lugol's

Signature: RLB

Weather: Mostly sunny 57°

$$V = \left(\frac{\pi r^2}{144} \right) \times \text{Depth}$$

$$V = \left(\frac{3.14 \times 2^2}{144} \right) \times 80.5'$$

$$V = 7.021 \text{ ft}^3 \times 28.317$$

$$V = 596.474 \text{ Liters}$$

$$\frac{596.474}{198.8} = 3 \text{ well volumes}$$

2 hours to pump 3 well volumes

@ 6L/minute

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Grassy Valley

Date: 8-19-21

Technician: Docing

Quarter: 3rd

Static Water Level: 19.6

Well ID: GVMW-8B

Is well Dry? No

If so Dry at: — feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
10:40 am	1.3	7.2	422	8.6	1 Liter / minute
10:45	2	6.89	424	9.4	
10:50	2	7.00	421.6	10.6	
10:55	2.6	6.95	416.5	10.5	
11:00	3	6.98	415.3	10.7	
11:05	3.1	6.97	416.6	11.4	
11:10	3	6.95	418.2	10.8	
11:15	3	6.99	419.4	11.2	

Sample Method: Low Flow Rate (gpm): 26 Time Start: 10:40 Time End: 11:20

Well depth 50
Sounded at 30.4
Water depth 19.6

Final Parameters	Stabilization Guidance	Met?	Comments
pH	6.99	0.1	Y/N
Conductivity	419.4	3%	Y/N
Temp@	11.2	10%	Y/N
Final H2O level	16.6	feet	

O/G visible: Y(N)

Turbid? Y(N)

Equipment Decontaminated: Y(N)

Decontamination procedure used: Peristaltic Pump decontaminated with Lignox

Signature: [Signature]

Weather: Clear

$$V = \left(\frac{\pi \times r^2}{144} \right) \times \text{Depth}$$

$$V = \left(\frac{3.14 \times 2^2}{144} \right) \times 19.6 = 1.709 \text{ ft}^3$$

$$1.709 \times 28.317 = 48.4$$

$\times 3$

145.2 liters = 3 well volumes

Newmont Mining Co Cripple Creek &
Victor Gold Mining Co

Groundwater Sampling Log

Location : Grassy Valley
Technician: Doering
Static Water Level: 88.5'
Is well Dry? No

Date: 8-19-21
Quarter: 3rd
Well ID: GVMW-22A
If so Dry at: feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
12:10 pm	5.9	7.62	387.5	6.9	6 liters/min
12:15	20.9	8.00	383.8	6.7	10 liters/min
12:20	29.4	7.99	385.8	6.6	
12:25	37.5	7.94	386.8	6.5	
12:30	41.8	7.93	384.2	6.5	
12:35	49.5	7.93	386.5	6.9	6 liter/min
12:40	52.5	7.93	386.7	7.1	6 liter/min

Sample Method: Low Flow Rate (gpm): 1.58 Time Start: 12:10 Time End: 12:40 pm

Well depth 91.6
Sampled at 3.1
Static Level 88.5

Final Parameters	Stabilization Guidance	Met?	Comments
pH	<u>7.93</u>	0.1	<input checked="" type="checkbox"/> Y/N
Conductivity	<u>386.7</u>	3%	<input checked="" type="checkbox"/> Y/N
Temp@	<u>7.1</u>	10%	<input checked="" type="checkbox"/> Y/N
Final H2O level	<u>36'</u>	feet	

Turbid? ☒ Y/N

O/G visible: ☒ Y/N

Equipment Decontaminated: ☒ Y/N

Decontamination procedure used: deployable and peristaltic pump decontaminated with Lysine.

Weather: Mostly Sunny

Signature: [Signature]

$$V = \left(\frac{\pi \times r^2}{144} \right) \times \text{Depth}$$

$$V = \left(\frac{3.14 \times 2^2}{144} \right) \times 88.5$$

$$V = 7.72 \text{ ft}^3 \times 28.317$$

$$V = 218.6 \text{ liters}$$

$$3V = 655.8 \text{ liters}$$

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Grassy Valley

Date: 7-21-21

Technician: Boering

Quarter: 3rd

Static Water Level: 87.55'

Well ID: GUMW-22A

Is well Dry? No If so Dry at: — feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
9:15 am	1.55	6.81	394.8	6.6	3 L/min
9:20	6.85	7.40	395.4	6.4	4 L/min
9:25	13.25	7.49	393.8	6.6	
9:30	16.65	7.66	394.8	6.4	4 L/min
9:35	20.95	7.68	394.6	6.2	
9:40	26.25	7.48	394.2	6.3	4 L/min
9:45	31.75	7.55	393.9	6.3	
9:50	35.2	7.58	394.2	6.6	reduced to 1 L/min
9:55	35.22	7.62	393.0	6.7	
10:00	35.35	7.68	392.8	6.7	

Sample Method: Low Flow Grab Rate (gpm): .264 Time Start: 9:10 am Time End: 10:00 am

Well depth 90
Sounded at 2.45
Water depth 87.55

Final Parameters	Stabilization Guidance	Met?	Comments
pH	7.68	0.1	Y/N
Conductivity	392.8	3%	Y/N
Temp@	6.7	10%	Y/N
Final H2O level	52.2	feet	

O/G visible: Y/N Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: Deployable and peristaltic pump triple rinsed with Isopropyl

Weather: Mostly Sunny

Signature: [Signature]

4" pipe

$$V = \left(\frac{\pi \times r^2}{144} \right) \times \text{depth}$$

$$V = \left(\frac{3.14 \times 2^2}{144} \right) \times 87.55$$

$$V = 7.64 \text{ ft}^3 \times 28.317$$

Well volume = 216.24 Liters

Groundwater Sampling Log

Location : GUMW-22B C&VDate: 7-12-21Technician: Parra / DoeringQuarter: 3rdStatic Water Level: DTW - 5.15'Well ID: GUMW-22BIs well Dry? no

If so Dry at: _____ feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
First Purge	10:03 am	6.48	401.7	6.8	
Second Purge	10:20 am	6.63	472.1	8.4	Pump rate decreased due to head decrease
Third Purge	10:37 am	—	—	—	
Third Purge	10:37 am	6.37	461.2	8.3	
Sample Collection	10:42	—	—	—	
Sample Collection	10:42	6.74	482.4	9.2	
End Time	10:48				

Sample Method: 3 well bore purge Rate (gpm): 3 gpm Time Start: 9:57 Time End: 10:48

Final Parameters	Stabilization Guidance	Met?	Comments
pH	6.74	0.1	Y/N/ 3 well bore purge
Conductivity	482.4	3%	Y/N/ 3 well bore purge
Temp@	9.2	10%	Y/N/ 3 well bore purge
Final H2O level		feet	

O/G visible: Y/NTurbid? Y/NEquipment Decontaminated: Y/NDecontamination procedure used: per ZAPP Triple rinse with Aigymox for purgeSignature: Randy ParraWeather: Smoky

Well bore volume: GUMW-22B is 30' deep, DTW = 5.15'

well bore volume = $24.85' \cdot \pi \cdot r^2$ with $r = 2''$

$$= 24.85' \cdot 3.14 \cdot 4 = 2,167 \text{ ft}^3 = 16.2 \text{ gal per vol}$$

$$\text{gal/ft}^3 = 7.48052$$

$$\text{total} = 48.6 \text{ gal}$$

First purge ~~10:03 am~~
 Second purge ~~10:20 am~~

Groundwater Sampling Log

Date: 8-19-21

Quarter: 3rd

Well ID: GVMW-25

feet

[illegible]

Well depth 80'
~~Water Level~~
Sounded at 46'
Under Level 34'

Final Parameters	Stabilization Guidance	Met?	Comments
pH	5.72	0.1	Y/N
Conductivity	2692	3%	Y/N
Temp©	6.6	10%	Y/N
Final H2O level	31.1	feet	

Decontamination procedure used: deployable and peristaltic pumps decontaminated
with Logunox.

Signature:

$$V = \left(\frac{\pi \times r^2}{144} \right) \times \text{depth}$$

$$V = \left(\frac{3.14 \times 2^2}{144} \right) \times 34$$

$$V = 2.97 \text{ ft}^3$$

$$\times 28.317$$

$$V = 83.98 \text{ Ltrs}$$

$$SV = 251.9 \text{ Ltrs}$$

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Grassy Valley

Date: 9-1-21

Technician: Doering

Quarter: 3rd

Static Water Level: 30.9

Well ID: GVMW-25

Is well Dry? No

If so Dry at: — feet

	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
48.1	1:10pm					
49.5	1:25pm	1.4	6.65	2801	8.00	6 Liters / minute
49.1	1:30	1	5.79	3125	7.00	
48.4	1:35	.3	5.71	3133	8.5	
49.3	1:40	1.2	5.68	3122	6.9	reduced to 4 liters/min
49.55	1:45	1.45	5.61	3095	6.6	
49.55	1:50	1.45	5.56	3047	6.5	
49.55	1:55	1.45	5.54	3006	6.4	
49.55	2:00	1.45	5.54	2971	6.3	
49.5	2:05	1.4	5.52	2933	6.4	
49.5	2:10	1.4	5.5	2940	6.4	
49.55	2:15	1.45	5.45	2956	6.4	
49.5	2:20	1.4	5.43	2976	6.4	

Sample Method: 3 volume Pump and low flow stabilization Rate (gpm): 1.06 Time Start: 1:22 Time End: 2:45pm

Well depth 79'
sampled at -48.1'
water depth 30.9'

Final Parameters	Stabilization Guidance	Met?	Comments
pH	5.21	0.1	Y/N
Conductivity	3013	3%	Y/N
Temp@	6.4	10%	Y/N
Final H2O level	29.5'	feet	

O/G visible: Y(N)

Turbid? Y(N)

Equipment Decontaminated: Y(N)

Decontamination procedure used: Deployable and portable pumps triple rinsed with ligand

Signature: [Signature]

Weather: Cloudy

$$V = \left(\frac{\pi \times r^2}{144} \right) \times \text{Depth}$$

$$V = \left(\frac{3.14 \times 2^2}{144} \right) \times 30.9$$

$$V = 2.695 \text{ ft}^3$$

$$2.695 \times 28.317 = 76.3 \text{ liters}$$

$$\times 3$$

$$228.95 \text{ liters} \approx 3 \text{ well volumes}$$

Approximately 38 minutes @ 6 liters/minute for 3 volumes

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Poverty Gulch

Date: 8-31-21

Technician: Doern

Quarter: 3rd

Static Water Level: Ø

Well ID: PGMW-2

Is well Dry? Yes

If so Dry at: 218' feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
9:55 am	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Sounded kr at 218'

Sample Method: None Dry Rate (gpm): Time Start: 9:55 am Time End: 10:00 am

Final Parameters	Stabilization Guidance	Met?	Comments
pH	0.1	Y/N	
Conductivity	3%	Y/N	
Temp@	10%	Y/N	
Final H2O level	feet		

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used:

Signature: 

Weather: Sunny Hazy

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co
Groundwater Sampling Log

Location: Poverty Gulch

Date: 8-16-21

Technician: Doering

Quarter: 3rd

Static Water Level: 20.2'

Well ID: PGMW-3

Is well Dry? No If so Dry at: _____ feet

	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
37	9:50	1.2	4.16	1307	9.2	1 liter / 40 sec
41	9:55	5.2	4.2	1266	8.6	1 liter / 24 sec
44	10:10	8.2	4.25	1245	9.0	1 liter / 3'24"
43.9	10:15	8.1	4.24	1250	10.1	
43.9	10:20	8.1	4.21	1242	10.3	
43.8	10:25	8	4.21	1239	10.2	
43.8	10:45	8	4.23	1247	9.8	

Sample Method: Low Flow Rate (gpm): .07 GPM Time Start: 9:50 Time End: _____

Final Parameters	Stabilization Guidance	Met?	Comments
pH	4.23	0.1	<input checked="" type="checkbox"/> Y/N
Conductivity	1247	3%	<input checked="" type="checkbox"/> Y/N
Temp@	9.8	10%	<input checked="" type="checkbox"/> Y/N
Final H2O level	12.2'	feet	12.2

O/G visible: ☒ Y/N

Turbid? ☒ Y/N

Equipment Decontaminated: ☒ Y/N

Decontamination procedure used: Well pump and Peristaltic Pump decontaminated with Lysol. Triple Rinse

Signature: [Signature]

Weather: Hazy 64°F

$$\frac{r^2 \cdot \pi \cdot \text{depth}}{144}$$

$$\frac{2^2 \cdot 3.14 \cdot 20.2}{144} = 1.76 \text{ ft}^3 \cdot 28.317 = 49.84 \text{ liters well volume}$$

$$3 \text{ volumes} = 149.4 \text{ liters}$$

$$\text{Low Flow Rate } 1 \text{ liter} / 3:24' = .264 \text{ gal}$$

Groundwater Sampling Log

If so Dry at: 39 feet

Cap had been left off, but was replaced.

Groundwater Sampling Log

Date: 8-31-21

Quarter: 3rd

Well ID: SGMW-5

Is well Dry? Yes If so Dry at: 256' feet

[illegible]

Sample Method: Dry Rate (gpm): Time Start: 11:30 Time End: 11:35

Final Parameters	Stabilization Guidance	Met?	Comments
pH	_____	0.1	Y/N
Conductivity	_____	3%	Y/N
Temp@	_____	10%	Y/N
Final H2O level	_____	feet	

O/G visible: ~~Y/N~~ Turbid? ~~Y/N~~

Equipment Decontaminated: Y/N

Decontamination procedure used:

Signature:

Weather:

Groundwater Sampling Log

Date: 8-31-21

Quarter: 3.1

Well ID: SGMW-6A

If so Dry at: 400' feet

[illegible]

Sample Method: Dr Rate (gpm): — Time Start: 11:00 Time End: 11:20

Final Parameters	Stabilization Guidance	Met?	Comments
pH	_____	0.1	Y/N
Conductivity	_____	3%	Y/N
Temp@	_____	10%	Y/N
Final H2O level	_____	feet	

O/G visible: ~~Y/N~~

Turbid? ~~Y/N~~

Equipment Decontaminated: ~~Y/N~~

Decontamination procedure used:

Signature:

Weather:

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : AG Snow Gulch

Date: 8-10-21

Technician: Doering

Quarter: 3rd

Static Water Level: 41.1

Well ID: SGMW-6B

Is well Dry? No

If so Dry at: feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
11:20 am	2.4	4.69	2428	12.9	
11:30	3.4	4.71	2430	12.5	
11:35	3.3	4.69	2403	12.5	
11:40	3.3	4.67	2407	12.4	
11:45	3.3	4.64	2402	12.6	

Sample Method: Low Flow Rate (gpm): 1.14 Time Start: 11:13 am Time End: 11:45 am

Final Parameters	Stabilization Guidance	Met?	Comments
pH	4.64	0.1	<u>Y/N</u>
Conductivity	2402	3%	<u>Y/N</u>
Temp@	12.6	10%	<u>Y/N</u>
Final H2O level	37.8	feet	<u>37.8</u>

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: Peristaltic Pump triple rinsed with heparin

Signature: RR

Weather: Smoky Hazy

1 Liter / 14 sec 4.3L/min

$$V = \frac{\pi \cdot r^2}{144} \cdot \text{Depth}$$

$$V = \left(\frac{3.14 \times 2^2}{144} \right) \times 41.1$$

$$V = \left(\frac{3.14 \times 41.1}{144} \right) \times$$

$$V = 3.58 \text{ ft}^2 \times 7.481 = 26.8 \text{ Gallons well Volume}$$

$$\times 3$$

$$80.4 \text{ G} = 3 \text{ well Volume}$$

Groundwater Sampling Log

Date: 8-31-21



Quarter: 3rd

Well ID: SGMW - 7A

If so Dry at: 400 feet


[illegible]

Sample Method: Dry Rate (gpm): Time Start: 11:45 Time End: 12:00

Final Parameters	Stabilization Guidance	Met?	Comments
pH		0.1	Y/N
Conductivity		3%	Y/N
Temp@		10%	Y/N
Final H2O level		feet	

Decontamination procedure used:

Weather:


 Henry

Groundwater Sampling Log

Date: 8-31-21

Quarter: 3.d

Well ID: SGmw-7B

If so Dry at: 60 feet

Sample Method: Br Rate (gpm): — Time Start: 11:40 Time End: 11:43

O/G visible: ~~Y/N~~ Turbid? ~~Y/N~~
Equipment Decontaminated: ~~Y/N~~
Decontamination procedure used:

Signature: R. H. J.
Weather: 14.2.0

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Indicator Valley

Date: 9-28-21

Technician: Doerling

Quarter: 3rd

Static Water Level: 16'

Well ID: VIN-2A

Is well Dry? No

If so Dry at: — feet

254'
258'
263'
264'
265.5'
269'
267.5'

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
9:30 am	0'	7.22	1301	8.7	
11:12 am	4'	7.43	1281	8.2	10 Gallons bailed
12:47 pm	9'	8.10	1278	8.5	
1:01 pm	10'	8.13	1293	9.1	20 Gallons bailed
2:22 pm	11.5'	7.95	1289	9.00	25 Gallons bailed
Lightning					
6:15		8.04	1302	8.4	
6:45		7.02	1302 1294	8.4 7.7	
7:15		7.29	1310	7.4	5 Gallons bailed
7:45		7.32	1290	8.0	
8:30		7.51	1288	8.8	
8:50	15'	7.73	1310	7.4	10 Gallons bailed
9:15	13.5'	7.77	1301	7.7	

Sample Method: Purge dry bailing Rate (gpm): 0.53 Time Start: 9:30am Time End: 9:15am

Well depth 270'
Sounded at 254'
Water Level 16'

Final Parameters	Stabilization Guidance	Met?	Comments
pH	7.77	0.1	Y/N <u>Purged</u>
Conductivity	1301	3%	Y/N <u>Purged</u>
Temp@	7.7	10%	Y/N <u>Purged</u>
Final H2O level	feet		

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: Peristaltic Pump decontaminated with liquinox

Weather: Cloudy / hailing / rain / thunderstorm

Signature: [Signature]

$$V = \left(\frac{\pi \times r^2}{144} \right) \times \text{depth}$$

$$V = \left(\frac{3.14 \times 2^2}{144} \right) \times 16$$

$$V = 1.4 \text{ ft}^3 \times 7.48$$

10.472 gallons/well volume

31.416 gallons/3 well volume

roughly 10 hours to bail 3 well volumes

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Vindicator Valley

Date: 9-15-21

Technician: Deery

Quarter: 3rd

Static Water Level: 54.4'

Well ID: Vin-2B

Is well Dry? No

If so Dry at: feet

	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
	10:42	0	6.4	1209	7.8	30 L/min
120	10:47	34.4	6.74	1307	7.4	30 L/min
138.4	10:52	52.8	6.93	1314	7.7	
140	10:53	—	—	—	—	Dry
100.5	1:55	14.9	6.51	1321	8.8	
121	2:00	35.4	6.74	1329	7.1	

Sample Method: Purge Dry and return Rate (gpm): ~ 8 Time Start: 10:42 Time End:

well depth 140
Sounded at 85.6
water depth 54.4

Final Parameters	Stabilization Guidance	Met?	Comments
pH	<u>X</u>	0.1	Y/N
Conductivity	<u>X</u>	3%	Y/N
Temp@		10%	Y/N
Final H2O level		feet	

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: dedicated pump. Peristaltic Pump decontaminated with H₂O₂

Weather: cloudy

Signature: [Signature]

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: CCV Wilson Creek

Date: 8-9-21

Technician: Doering

Quarter: 3rd

Static Water Level: ~~75.7~~ 58.3

Well ID: WCMW-03

Is well Dry? No

If so Dry at: feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
12:15 pm	.2	7.88	407.6	13.2	
12:20 pm	.225	7.96	423.3	11.3	
12:25 pm	.25	7.99	424.6	11	
12:30 pm	.275	8.01	425.8	11.4	

75.9
75.925
75.95
75.975

Sample Method: Low Flow Rate (gpm): .05 Time Start: 12:10 Time End: 12:30pm

Well depth 134
water sound - 75.9
water depth 58.3'

Final Parameters	Stabilization Guidance	Met?	Comments
pH	8.01	0.1	<u>Y/N</u>
Conductivity	425.8	3%	<u>Y/N</u>
Temp@	11.4	10%	<u>Y/N</u>
Final H2O level	58.025	feet	

O/G visible: Y/N Turbid? Y/N
Equipment Decontaminated: Y/N
Decontamination procedure used: Peristaltic decontamination with Lysol

Signature: [Signature]
Weather: Partly Cloudy / smoky

1 Liter / 5min

$$V = \left(\frac{\pi \times r^2}{144} \right) \times D \quad V = \left(\frac{3.14 \times 2^2}{144} \right) \times 58.3 \quad V = (5.085)$$

$$V = 5.085 \times 28.317L$$

$$V = 143.99 \text{ liters}$$

$$\begin{aligned} &\times 3 \\ &431.97 \text{ liters} = 3 \text{ well volumes} \\ &\times 5 \\ &2,159.85 \text{ liters} \end{aligned}$$

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : CCV - Wilson Creek

Date: 8-9-21

Technician: Doring

Quarter: 3rd

Static Water Level: 4.84'

Well ID: WCMW-6

Is well Dry? No

If so Dry at: feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
10:50					started Pumping
10:55	1.78	6.88	359.2	10.8	
11:00	1.85	7.3	359.3	10.4	
11:05	1.80	7.37	360.4	10.7	
11:10	1.84	7.31	356.3	10.9	

Sample Method: Low Flow Rate (gpm): .132 Time Start: 10:50am Time End: 11:10

Final Parameters	Stabilization Guidance	Met?	Comments
pH	7.31	0.1	Y/N
Conductivity	356.3	3%	Y/N
Temp@	10.9	10%	Y/N
Final H2O level	3	feet	

O/G visible: Y(N)

Turbid? Y(N)

Equipment Decontaminated: Y(N)

Decontamination procedure used: Peristaltic Pump hose used with Liquinox

Signature: [Signature]

Weather: Partly Cloudy

1 Liter / 1:54 sec

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: AG - 2.0

Date: 8-10-21

Technician: Doering

Quarter: 3rd

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
9:30 am	6.65	177.3	13.3	

Sample Method: Surface Grab

Oil/Gas visible [Y/☒N]

Turbid [Y/☒N]

Clear ☒Y [N]

Weather: Hazy

Signature: [Signature]

Comments:

PH measured with Myron L
Peristaltic Pump sample rinsed with Wgureox

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: AG 2.0

Date: 9-22-21

Technician: Parratt

Quarter: 3rd

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
8:53 am	7.40	140.7	8.9	

Sample Method:

grab

Oil/Gas visible

[Y/N] N

Turbid

[Y/N] N

Clear

[Y/N] Y

Weather:

clear/cool

Signature:

Parratt

Comments:

flow ~90 GPM

CN Resample due to lab miss on hold time

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: GV-02

Date: 7-7-21

Technician: Parrott/Doering

Quarter: 3rd

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
10:14am				DRY

Sample Method: Visual Inspection/Dry

Oil/Gas visible [Y/N]

Turbid [Y/N]

Clear [Y/N]

Weather: partly cloudy

Signature: Randy Parrott

Comments:

Flume Dry

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: GV-03

Date: 7-7-21

Technician: Parratt/Doerning

Quarter: 3rd

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
10:22am	—	—	—	Dry

Sample Method: Visual inspection

Oil/Gas visible [Y/N] (N)

Turbid [Y/N] (N)

Clear [Y/N] (N)

Weather: Cloudy

Signature: 

Comments:

Dry

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: T- 2

Date: 7-1-21

Technician: Parrot / Doering

Quarter: 3rd

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
10:33 am	—	—	—	Dry

Sample Method:

Visual inspection

Oil/Gas visible

[Y/N]

Turbid

[Y/N]

Clear

[Y/N]

Weather:

Cloudy

Signature:

[Signature]

Comments:

Dry

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: WCSW-01

Date: 8-9-21

Technician: Doering

Quarter: 3rd

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
10:30 am	_____	_____	_____	No measurable flow

Sample Method: Not sampled

Oil/Gas visible [Y/N]

Turbid [Y/N]

Clear [Y/N]

Weather: _____

Signature: 

Comments:

No measurable flow

Groundwater

SAMPLE LOCATION : CRMW 3A-35 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X110167-01
Sample Date	-	09/08/2021
Lab Test Date	-	09/28/2021
Sampled By	-	BOD

pH Field (pH unit)	6.00-8.50	6.61
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0488
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	0.0958
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	359
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0228
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	0.0079
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	.52
Fluoride - Total F (mg/L)	2.0000	3.18
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	0.154
Manganese - Dissolved (mg/L)	3.0000	0.0501
Mercury - Dissolved (mg/L)	0.002	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	0.0339
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	1.57
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	1.57
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	90.2
Sulfate - Total (mg/L)	250.00	638
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1540
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00346
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.0112

* Standard is for Reference Only

SAMPLE LOCATION : CRMW 3B-63 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X110167-02
Sample Date	-	09/08/2021
Lab Test Date	-	09/28/2021
Sampled By	-	LCF

pH Field (pH unit)	6.00-9.00	6.77
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0149
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	0.0680
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	256
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0164
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	1.06
Fluoride - Total F (mg/L)	2.0000	2.61
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	0.133
Manganese - Dissolved (mg/L)	8.1000	1.57
Mercury - Dissolved (mg/L)	0.002	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	1.21
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	1.21
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	68.2
Sulfate - Total (mg/L)	1070.00	539
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1270
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.0148
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.0403

* Standard is for Reference Only

SAMPLE LOCATION : CRMW 3C-124

Collar Elv (ft) : N/A

Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr	
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X110377-03	X110456-01
Sample Date	-	09/20/2021	09/22/2021
Lab Test Date	-	10/05/2021	10/11/2021
Sampled By	-	BOD	BOD

pH Field (pH unit)	6.00-8.50		7.23
Aluminium - Dissolved (mg/L)	7.0000	<0.080	<0.080
Ammonia (mg/L)	---	0.136	0.198
Antimony - Dissolved (mg/L)	0.0060	<0.00300	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0103	0.0134
Beryllium - Dissolved (mg/L)	0.0040	0.00207	<0.00200
Boron - Dissolved (mg/L)	0.7500	0.0599	0.0445
Cadmium - Dissolved (mg/L)	0.0050	<0.0020	<0.0020
Chloride - Total (mg/L)	---	246	251
Chromium - Dissolved (mg/L)	0.1000	<0.0060	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0196	0.0178
Copper - Dissolved (mg/L)	0.2000	<0.0100	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050	<0.0050
Cyanide - Total (mg/L)	---	0.0072	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100	<0.0100
Flow (gpm)	---		.264
Fluoride - Total F (mg/L)	2.0000	2.05	2.41
Iron - Dissolved (mg/L)	14.0000	0.120	0.718
Lead - Dissolved (mg/L)	0.0500	<0.0075	<0.0075
Lithium - Dissolved (mg/L)	2.5000	0.080	0.071
Manganese - Dissolved (mg/L)	3.0000	0.338	1.10
Mercury - Dissolved (mg/L)	0.00200000	<0.000200	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080	<0.0080
Nickel - Dissolved (mg/L)	0.2000	<0.0100	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	1.25	0.832
Nitrite as Nitrogen (mg/L)	1.0000	<0.050	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100	0.862
Selenium - Dissolved (mg/L)	0.0240	<0.00300	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050	<0.0050
Sodium - Dissolved (mg/L)	---	69.9	65.1
Sulfate - Total (mg/L)	250.00	564	589
Thallium - Dissolved (mg/L)	0.0020	<0.00100	<0.00100
Total Dissolved Solids (mg/L)	---	1300	1310
Total Suspended Solids (mg/L)	---	32.0	7.0
Uranium - Dissolved (mg/L)	0.0300	0.0185	0.0145
Vanadium - Dissolved (mg/L)	0.1000	<0.0050	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.0148	0.0171

Newmont USA Limited

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244

SAMPLE LOCATION : CRMW 5A-205 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	08/31/2021
Lab Test Date	-	
Sampled By	-	

Water Level Distance From Measuring P	---	201.4
No Sample Reason	---	Insufficient to pump

* Standard is for Reference Only

SAMPLE LOCATION : CRMW 5B-143 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1H0533-04
Sample Date	-	08/26/2021
Lab Test Date	-	09/10/2021
Sampled By	-	BOD

pH Field (pH unit)	6.00-8.50	7.65
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0060
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	8.92
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.0060
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	.53
Fluoride - Total F (mg/L)	2.0000	2.97
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	<0.0080
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.077
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	8.65
Sulfate - Total (mg/L)	250.00	39.7
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	164
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00439
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

SAMPLE LOCATION : CRMW 5C-60 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1I0009-01RE1
Sample Date	-	08/31/2021
Lab Test Date	-	09/16/2021
Sampled By	-	BOD

pH Field (pH unit)	6.00-8.50	7.19
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0069
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	9.52
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.0060
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	1.06
Fluoride - Total F (mg/L)	2.0000	2.95
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	<0.0080
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.093
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	8.91
Sulfate - Total (mg/L)	250.00	41.7
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	147
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	<0.00100
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

SAMPLE LOCATION : CRMW 5D-27

Collar Elv (ft) : N/A

Reporting Period

2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1H0533-02
Sample Date	-	08/26/2021
Lab Test Date	-	09/10/2021
Sampled By	-	BOD

pH Field (pH unit)	6.00-8.50	6.63
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0437
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	10.6
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.0060
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	1.74
Fluoride - Total F (mg/L)	2.0000	3.51
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	0.0090
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	0.0218
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.060
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	7.27
Sulfate - Total (mg/L)	250.00	27.8
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	114
Total Suspended Solids (mg/L)	---	6.0
Uranium - Dissolved (mg/L)	0.0300	<0.00100
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

SAMPLE LOCATION : ESPMW Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr		
Name of Certified Lab	(mg/L)*	Field	Field	SVL Analytical, Inc.
Lab Reference #	-			X110377-06
Sample Date	-	09/09/2021	09/15/2021	09/15/2021
Lab Test Date	-			10/05/2021
Sampled By	-			BOD

pH Field (pH unit)	6.00-8.50	7.39	7.77	
Cyanide - WAD (mg/L)	0.2000			<0.0100

SAMPLE LOCATION : GVMW 8A-250 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1H0392-05
Sample Date	-	08/19/2021
Lab Test Date	-	08/31/2021
Sampled By	-	BOD

pH Field (pH unit)	6.50-8.50	7.06
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	<0.0020
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	46.3
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.0060
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	1.58
Fluoride - Total F (mg/L)	2.0000	2.20
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	1.0000	0.265
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.555
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.555
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	23.4
Sulfate - Total (mg/L)	250.00	68.5
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	256
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00892
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

SAMPLE LOCATION : GVMW 8B-50Collar Elv (ft) : N/AReporting Period 2021 3rd Qtr**Results of Profile / Analyses**

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1H0392-04
Sample Date	-	08/19/2021
Lab Test Date	-	08/31/2021
Sampled By	-	BOD

pH Field (pH unit)	6.00-8.50	6.99
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0116
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	35.2
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.0060
Copper - Dissolved (mg/L)	0.2000	0.0137
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100
Fluoride - Total F (mg/L)	2.0000	2.14
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	<0.0080
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	2.33
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	2.33
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	24.8
Sulfate - Total (mg/L)	250.00	100
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	278
Uranium - Dissolved (mg/L)	0.0300	0.00239
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

SAMPLE LOCATION : GVMW 22A-70

Collar Elv (ft) : N/A

Reporting Period

2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr	
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X1H0392-03	X1I0410-01
Sample Date	-	08/19/2021	09/21/2021
Lab Test Date	-	08/31/2021	10/06/2021
Sampled By	-	BOD	BOD

pH Field (pH unit)	6.00-8.50	5.72	7.68
Aluminium - Dissolved (mg/L)	7.0000	<0.080	<0.080
Ammonia (mg/L)	---	<0.030	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.106	0.116
Beryllium - Dissolved (mg/L)	0.0040	<0.00200	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020	<0.0020
Chloride - Total (mg/L)	---	4.54	4.59
Chromium - Dissolved (mg/L)	0.1000	<0.0060	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.0060	<0.0060
Copper - Dissolved (mg/L)	0.2000	<0.0100	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050	<0.0050
Cyanide - Total (mg/L)	---	<0.0050	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100	<0.0100
Flow (gpm)	---	2.64	.264
Fluoride - Total F (mg/L)	2.0000	2.06	2.12
Iron - Dissolved (mg/L)	14.0000	<0.100	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040	0.043
Manganese - Dissolved (mg/L)	3.0000	0.112	0.0971
Mercury - Dissolved (mg/L)	0.00200000	<0.000200	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	0.0093	<0.0080
Nickel - Dissolved (mg/L)	0.2000	<0.0100	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	<0.050	<0.050
Nitrite as Nitrogen (mg/L)	1.0000	<0.050	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100	
Selenium - Dissolved (mg/L)	0.0240	<0.00300	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050	<0.0050
Sodium - Dissolved (mg/L)	---	38.0	33.4
Sulfate - Total (mg/L)	250.00	37.9	42.4
Thallium - Dissolved (mg/L)	0.0020	<0.00100	<0.00100
Total Dissolved Solids (mg/L)	---	236	216
Total Suspended Solids (mg/L)	---	14.0	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00353	0.00283
Vanadium - Dissolved (mg/L)	0.1000	<0.0050	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.0102	<0.0100

SAMPLE LOCATION : GVMW 22B-30 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1G0158-01
Sample Date	-	07/12/2021
Lab Test Date	-	07/26/2021
Sampled By	-	BOD

pH Field (pH unit)	6.00-8.50	6.74
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0884
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	44.2
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.0060
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100
Fluoride - Total F (mg/L)	2.0000	0.326
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	0.0151
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.325
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.325
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	21.0
Sulfate - Total (mg/L)	250.00	70.5
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	300
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00149
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

* Standard is for Reference Only

SAMPLE LOCATION : GVMW-25

Collar Elv (ft) : N/A

Reporting Period

2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr	
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X1H0392-01	X1I0043-01
Sample Date	-	08/19/2021	09/01/2021
Lab Test Date	-	08/31/2021	09/07/2021
Sampled By	-	BOD	BOD

pH Field (pH unit)	6.00-8.50	5.72	5.21
Aluminium - Dissolved (mg/L)	7.0000	6.84	19.3
Ammonia (mg/L)	---	<0.030	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0446	0.0333
Beryllium - Dissolved (mg/L)	0.0040	0.0149	0.0331
Boron - Dissolved (mg/L)	0.7500	<0.0400	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	0.0463	0.0849
Chloride - Total (mg/L)	---	39.7	34.6
Chromium - Dissolved (mg/L)	0.1000	<0.0060	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0156	0.0402
Copper - Dissolved (mg/L)	0.2000	<0.0100	0.0179
Cyanide - Free (mg/L)	0.2000	<0.0050	<0.0050
Cyanide - Total (mg/L)	---	<0.0050	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100	<0.0100
Flow (gpm)	---		1.06
Fluoride - Total F (mg/L)	2.0000	6.70	12.8
Iron - Dissolved (mg/L)	14.0000	<0.100	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040	<0.040
Manganese - Dissolved (mg/L)	3.0000	8.19	15.6
Mercury - Dissolved (mg/L)	0.00200000	<0.000200	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080	<0.0080
Nickel - Dissolved (mg/L)	0.2000	0.110	0.192
Nitrate as Nitrogen (mg/L)	10.0000	3.04	2.98
Nitrite as Nitrogen (mg/L)	1.0000	<0.050	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	3.04	2.98
Selenium - Dissolved (mg/L)	0.0240	0.00530	0.00354
Silver - Dissolved (mg/L)	0.0500	<0.0050	<0.0050
Sodium - Dissolved (mg/L)	---	40.5	42.1
Sulfate - Total (mg/L)	250.00	1760	2180
Thallium - Dissolved (mg/L)	0.0020	<0.00100	<0.00100
Total Dissolved Solids (mg/L)	---	2680	3090
Total Suspended Solids (mg/L)	---	7.0	17.0
Uranium - Dissolved (mg/L)	0.0300	0.00355	0.0272
Vanadium - Dissolved (mg/L)	0.1000	<0.0050	<0.0050
Zinc - Dissolved (mg/L)	2.0000	2.71	4.49

Newmont USA Limited

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244

SAMPLE LOCATION : PGMW-2 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	08/31/2021
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	DRY
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* Standard is for Reference Only

SAMPLE LOCATION : PGMW-3

Collar Elv (ft) : N/A

Reporting Period 2021 3rd Qtr

Results of Profile / Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1H0298-01
Sample Date	-	08/16/2021
Lab Test Date	-	08/31/2021
Sampled By	-	BOD

pH Field (pH unit)	6.00-8.50	4.21
Aluminium - Dissolved (mg/L)	7.0000	13.1
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0176
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	0.0041
Chloride - Total (mg/L)	---	45.1
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0244
Copper - Dissolved (mg/L)	0.2000	0.230
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100
Fluoride - Total F (mg/L)	2.0000	1.85
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	2.52
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	0.0503
Nitrate as Nitrogen (mg/L)	10.0000	11.3
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	11.3
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Selenium - Dissolved (mg/L)	0.0240	0.00639
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	23.4
Sulfate - Total (mg/L)	250.00	621
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	994
Uranium - Dissolved (mg/L)	0.0300	0.00175
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.335

Newmont USA Limited

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244

SAMPLE LOCATION : PGMW-4 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	08/31/2021
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	DRY
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* Standard is for Reference Only

SAMPLE LOCATION : SGMW-5 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile / Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	08/31/2021
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	DRY
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SAMPLE LOCATION : SGMW 6A-400 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile / Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	08/31/2021
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	DRY
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SAMPLE LOCATION : SGMW 6B-60Collar Elv (ft) : N/AReporting Period 2021 3rd Qtr**Results of Profile / Analyses**

Description	Standards	3rd Qtr	
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X1H0190-02	X1I0456-02
Sample Date	-	08/10/2021	09/22/2021
Lab Test Date	-	08/26/2021	10/11/2021
Sampled By	-	BOD	BOD

pH Field (pH unit)	6.00-8.50	4.64	6.62
Aluminium - Dissolved (mg/L)	7.0000	21.1	
Ammonia (mg/L)	---	0.963	
Antimony - Dissolved (mg/L)	0.0060	<0.00300	
Arsenic - Dissolved (mg/L)	0.0100	0.00501	
Barium - Dissolved (mg/L)	2.0000	0.0116	
Beryllium - Dissolved (mg/L)	0.0040	0.114	
Boron - Dissolved (mg/L)	0.7500	0.0909	
Cadmium - Dissolved (mg/L)	0.0050	0.0141	
Chloride - Total (mg/L)	---	111	
Chromium - Dissolved (mg/L)	0.1000	<0.0060	
Cobalt - Dissolved (mg/L)	0.0500	0.171	
Copper - Dissolved (mg/L)	0.2000	0.116	
Cyanide - Free (mg/L)	0.2000	<0.0050	
Cyanide - Total (mg/L)	---	<0.0050	
Cyanide - WAD (mg/L)	0.2000	<0.0100	<0.0100
Flow (gpm)	---	1.14	1.057
Fluoride - Total F (mg/L)	2.0000	14.8	
Iron - Dissolved (mg/L)	14.0000	6.55	
Lead - Dissolved (mg/L)	0.0500	0.0153	
Lithium - Dissolved (mg/L)	2.5000	0.090	
Manganese - Dissolved (mg/L)	3.0000	15.8	
Mercury - Dissolved (mg/L)	0.00200000	<0.000200	
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080	
Nickel - Dissolved (mg/L)	0.2000	0.284	
Nitrate as Nitrogen (mg/L)	10.0000	9.29	
Nitrite as Nitrogen (mg/L)	1.0000	<0.050	
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	9.31	
Selenium - Dissolved (mg/L)	0.0240	0.0153	
Silver - Dissolved (mg/L)	0.0500	<0.0050	
Sodium - Dissolved (mg/L)	---	57.8	
Sulfate - Total (mg/L)	250.00	1380	
Thallium - Dissolved (mg/L)	0.0020	<0.00100	
Total Dissolved Solids (mg/L)	---	2080	
Total Suspended Solids (mg/L)	---	6.0	
Uranium - Dissolved (mg/L)	0.0300	0.408	
Vanadium - Dissolved (mg/L)	0.1000	<0.0050	
Zinc - Dissolved (mg/L)	2.0000	3.50	

SAMPLE LOCATION : SGMW 7A-400Collar Elv (ft) : N/AReporting Period 2021 3rd Qtr**Results of Profile / Analyses**

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	08/31/2021
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	DRY
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SAMPLE LOCATION : SGMW 7B-60 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile / Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	08/31/2021
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	DRY
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SAMPLE LOCATION : VIN 2A-270

Collar Elv (ft) : N/A

Reporting Period

2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1I0584-01
Sample Date	-	09/29/2021
Lab Test Date	-	10/20/2021
Sampled By	-	BOD

pH Field (pH unit)	---	7.77
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	0.081
Antimony - Dissolved (mg/L)	0.0060	0.00537
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0142
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	7.25
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0075
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100
Fluoride - Total F (mg/L)	2.0000	0.290
Iron - Dissolved (mg/L)	14.0000	0.152
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	0.086
Manganese - Dissolved (mg/L)	3.0000	0.718
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	0.0291
Nitrate as Nitrogen (mg/L)	10.0000	<0.050
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	22.0
Sulfate - Total (mg/L)	250.00	670
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1050
Total Suspended Solids (mg/L)	---	601
Uranium - Dissolved (mg/L)	0.0300	0.00759
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.0489

SAMPLE LOCATION : VIN 2B-140

Collar Elv (ft) : N/A

Reporting Period

2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1I0307-06
Sample Date	-	09/15/2021
Lab Test Date	-	10/01/2021
Sampled By	-	BOD

pH Field (pH unit)	6.50-8.50	7.19
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0092
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	9.41
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0067
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	3.96
Fluoride - Total F (mg/L)	2.0000	0.153
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	0.101
Manganese - Dissolved (mg/L)	4.0000	2.15
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	<0.050
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	34.1
Sulfate - Total (mg/L)	800.00	731
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1070
Total Suspended Solids (mg/L)	---	5.0
Uranium - Dissolved (mg/L)	0.0300	<0.00100
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

* Standard is for Reference Only

SAMPLE LOCATION : WCMW 3-134Collar Elv (ft) : N/AReporting Period 2021 3rd Qtr**Results of Profile / Analyses**

Description	Standards	3rd Qtr	
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X1H0154-02	X1I0410-03
Sample Date	-	08/09/2021	09/21/2021
Lab Test Date	-	08/24/2021	10/06/2021
Sampled By	-	BOD	BOD

pH Field (pH unit)	6.00-9.00	8.01	
Aluminium - Dissolved (mg/L)	7.0000	<0.080	
Ammonia (mg/L)	---	<0.030	
Antimony - Dissolved (mg/L)	0.0060	<0.00300	
Arsenic - Dissolved (mg/L)	0.0100	<0.00300	
Barium - Dissolved (mg/L)	2.0000	0.0674	
Beryllium - Dissolved (mg/L)	0.0040	<0.00200	
Boron - Dissolved (mg/L)	0.7500	<0.0400	
Cadmium - Dissolved (mg/L)	0.0050	<0.0020	
Chloride - Total (mg/L)	---	1.07	
Chromium - Dissolved (mg/L)	0.1000	<0.0060	
Cobalt - Dissolved (mg/L)	0.0500	<0.0060	
Copper - Dissolved (mg/L)	0.2000	<0.0100	
Cyanide - Free (mg/L)	0.2000	<0.0050	
Cyanide - Total (mg/L)	---	<0.0050	
Cyanide - WAD (mg/L)	0.2000		<0.0100
Flow (gpm)	---	.05	
Fluoride - Total F (mg/L)	2.0000	0.782	
Iron - Dissolved (mg/L)	14.0000	0.474	
Lead - Dissolved (mg/L)	0.0500	<0.0075	
Lithium - Dissolved (mg/L)	2.5000	<0.040	
Manganese - Dissolved (mg/L)	0.5000	0.113	
Mercury - Dissolved (mg/L)	0.00200000	<0.000200	
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080	
Nickel - Dissolved (mg/L)	0.2000	<0.0100	
Nitrate as Nitrogen (mg/L)	10.0000	<0.050	
Nitrite as Nitrogen (mg/L)	1.0000	<0.050	
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100	
Selenium - Dissolved (mg/L)	0.0240	<0.00300	
Silver - Dissolved (mg/L)	0.0500	<0.0050	
Sodium - Dissolved (mg/L)	---	11.4	
Sulfate - Total (mg/L)	250.00	21.0	
Thallium - Dissolved (mg/L)	0.0020	<0.00100	
Total Dissolved Solids (mg/L)	---	218	
Total Suspended Solids (mg/L)	---	10.0	
Uranium - Dissolved (mg/L)	0.0300	0.00594	
Vanadium - Dissolved (mg/L)	0.1000	<0.0050	
Zinc - Dissolved (mg/L)	2.0000	<0.0100	

SAMPLE LOCATION : WCMW 6-234Collar Elv (ft) : N/AReporting Period 2021 3rd Qtr**Results of Profile / Analyses**

Description	Standards	3rd Qtr	
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X1H0154-01	X1I0410-02
Sample Date	-	08/09/2021	09/21/2021
Lab Test Date	-	08/24/2021	10/06/2021
Sampled By	-	BOD	BOD

pH Field (pH unit)	6.50-8.50	7.31	
Aluminium - Dissolved (mg/L)	7.0000	<0.080	
Ammonia (mg/L)	---	<0.030	
Antimony - Dissolved (mg/L)	0.0060	<0.00300	
Arsenic - Dissolved (mg/L)	0.0100	0.00336	
Barium - Dissolved (mg/L)	2.0000	0.0396	
Beryllium - Dissolved (mg/L)	0.0040	<0.00200	
Boron - Dissolved (mg/L)	0.7500	<0.0400	
Cadmium - Dissolved (mg/L)	0.0050	<0.0020	
Chloride - Total (mg/L)	---	2.13	
Chromium - Dissolved (mg/L)	0.1000	<0.0060	
Cobalt - Dissolved (mg/L)	0.0500	<0.0060	
Copper - Dissolved (mg/L)	0.2000	<0.0100	
Cyanide - Free (mg/L)	0.2000	<0.0050	
Cyanide - Total (mg/L)	---	<0.0050	
Cyanide - WAD (mg/L)	0.2000		<0.0100
Flow (gpm)	---	.132	
Fluoride - Total F (mg/L)	2.0000	1.99	
Iron - Dissolved (mg/L)	14.0000	<0.100	
Lead - Dissolved (mg/L)	0.0500	<0.0075	
Lithium - Dissolved (mg/L)	2.5000	<0.040	
Manganese - Dissolved (mg/L)	0.2000	0.170	
Mercury - Dissolved (mg/L)	0.00200000	<0.000200	
Molybdenum - Dissolved (mg/L)	0.2100	0.0108	
Nickel - Dissolved (mg/L)	0.2000	<0.0100	
Nitrate as Nitrogen (mg/L)	10.0000	<0.050	
Nitrite as Nitrogen (mg/L)	1.0000	<0.050	
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100	
Selenium - Dissolved (mg/L)	0.0240	<0.00300	
Silver - Dissolved (mg/L)	0.0500	<0.0050	
Sodium - Dissolved (mg/L)	---	16.1	
Sulfate - Total (mg/L)	250.00	51.7	
Thallium - Dissolved (mg/L)	0.0020	<0.00100	
Total Dissolved Solids (mg/L)	---	212	
Total Suspended Solids (mg/L)	---	<10.0	
Uranium - Dissolved (mg/L)	0.0300	<0.00100	
Vanadium - Dissolved (mg/L)	0.1000	<0.0050	
Zinc - Dissolved (mg/L)	2.0000	<0.0100	

Surface Water

SAMPLE LOCATION : AG 2.0

Collar Elv (ft) : N/A

Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr	
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X1H0190-01	X1I0456-06
Sample Date	-	08/10/2021	09/22/2021
Lab Test Date	-	08/26/2021	10/11/2021
Sampled By	-	BOD	BOD

pH Field (pH unit)	6.0 – 9.0	6.65	
Aluminium - Dissolved (mg/L)	11.0	<0.080	
Ammonia (mg/L)	7.039	<0.030	
Antimony - Dissolved (mg/L)	---	<0.00300	
Arsenic - Dissolved (mg/L)	0.340	<0.00300	
Barium - Dissolved (mg/L)	---	0.0372	
Beryllium - Dissolved (mg/L)	---	<0.00200	
Cadmium - Dissolved (mg/L)	0.00053	<0.0020	
Chloride - Total (mg/L)	---	13.1	
Chromium - Dissolved (mg/L)	0.053	<0.0060	
Copper - Dissolved (mg/L)	0.0063	<0.0100	
Cyanide - Free (mg/L)	0.005	<0.0050	
Cyanide - Total (mg/L)	---	<0.0050	
Cyanide - WAD (mg/L)	---	<0.0100	<0.0100
Fluoride - Total F (mg/L)	---	3.14	
Iron - Dissolved (mg/L)	---	<0.100	
Lead - Dissolved (mg/L)	0.0016	<0.0075	
Manganese - Dissolved (mg/L)	---	<0.0080	
Mercury - Dissolved (mg/L)	---	<0.000200	
Molybdenum - Dissolved (mg/L)	0.150	0.0125	
Nickel - Dissolved (mg/L)	0.0367	<0.0100	
Nitrate as Nitrogen (mg/L)	100	<0.050	
Nitrite as Nitrogen (mg/L)	0.05	<0.050	
Nitrite + Nitrate as Nitrogen (mg/L)	---	<0.100	
Selenium - Dissolved (mg/L)	0.0046	<0.00300	
Silver - Dissolved (mg/L)	0.00016	<0.0050	
Sulfate - Total (mg/L)	---	31.5	
Thallium - Dissolved (mg/L)	---	<0.00100	
Total Dissolved Solids (mg/L)	---	101	
Total Suspended Solids (mg/L)	---	7.0	
Uranium - Dissolved (mg/L)	0.952	<0.00100	
Zinc - Dissolved (mg/L)	0.600	<0.0100	

Newmont USA Limited

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244

SAMPLE LOCATION : GV-02 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile / Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	07/07/2021
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	DRY
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* Standard is for Reference Only

Newmont USA Limited

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244

SAMPLE LOCATION : GV-03 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile / Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	07/07/2021
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	DRY
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* Standard is for Reference Only

Newmont USA Limited

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244

SAMPLE LOCATION : T2 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile / Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	07/07/2021
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	DRY
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* Standard is for Reference Only

Newmont USA Limited

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244

SAMPLE LOCATION : WCSW-01 Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile / Analyses

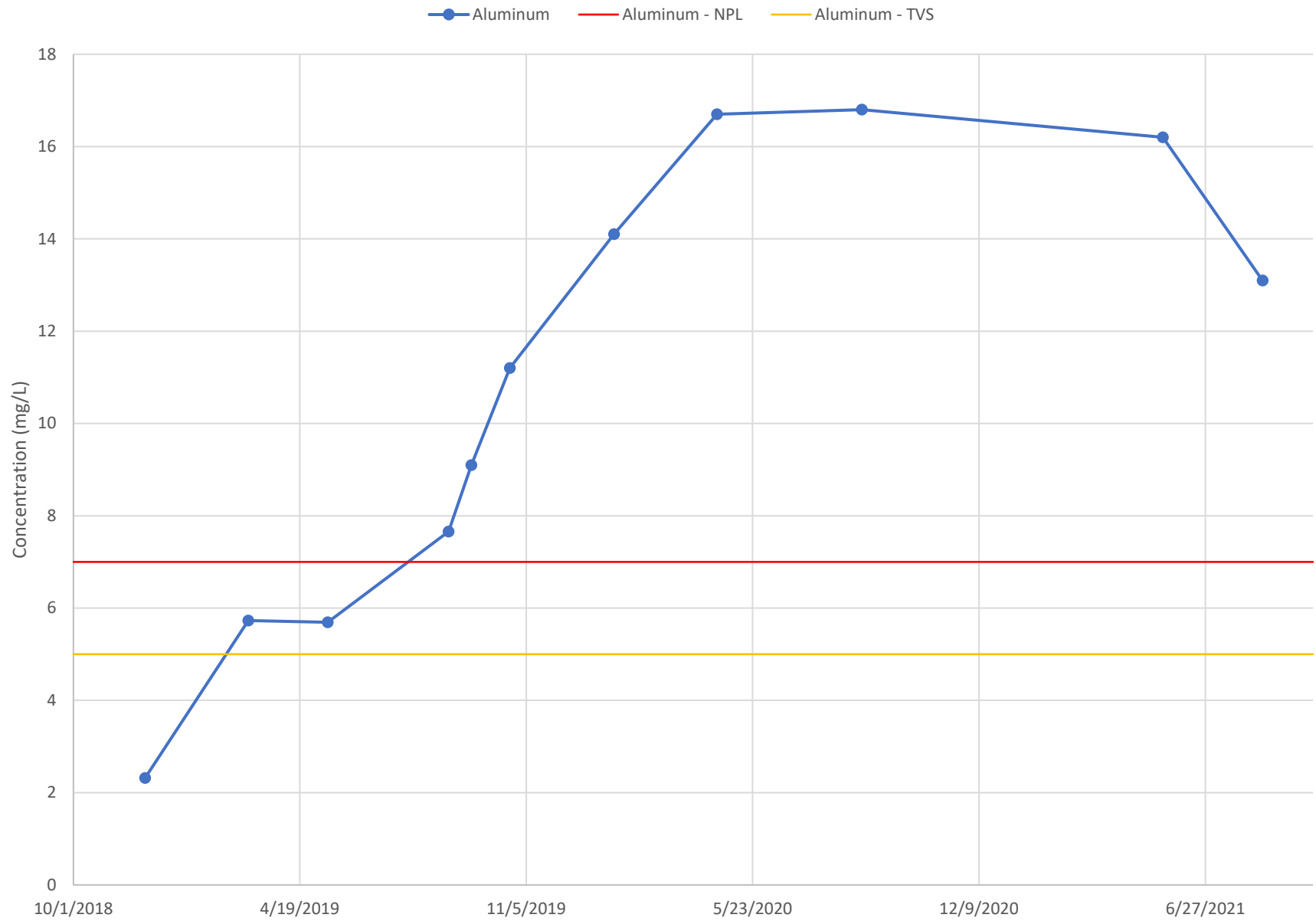
Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	08/09/2021
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	No Measurable Flow
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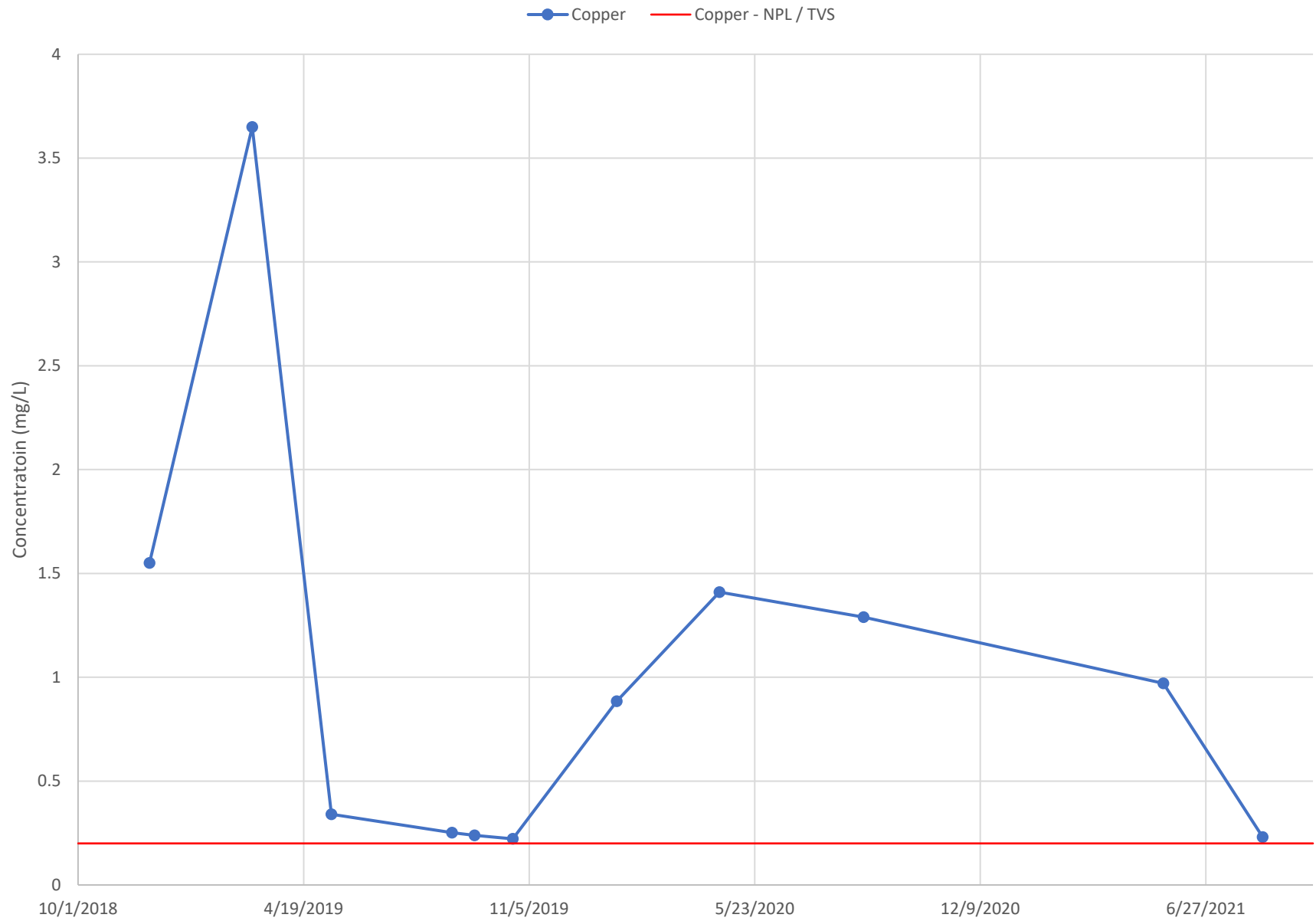
* Standard is for Reference Only

Graphs

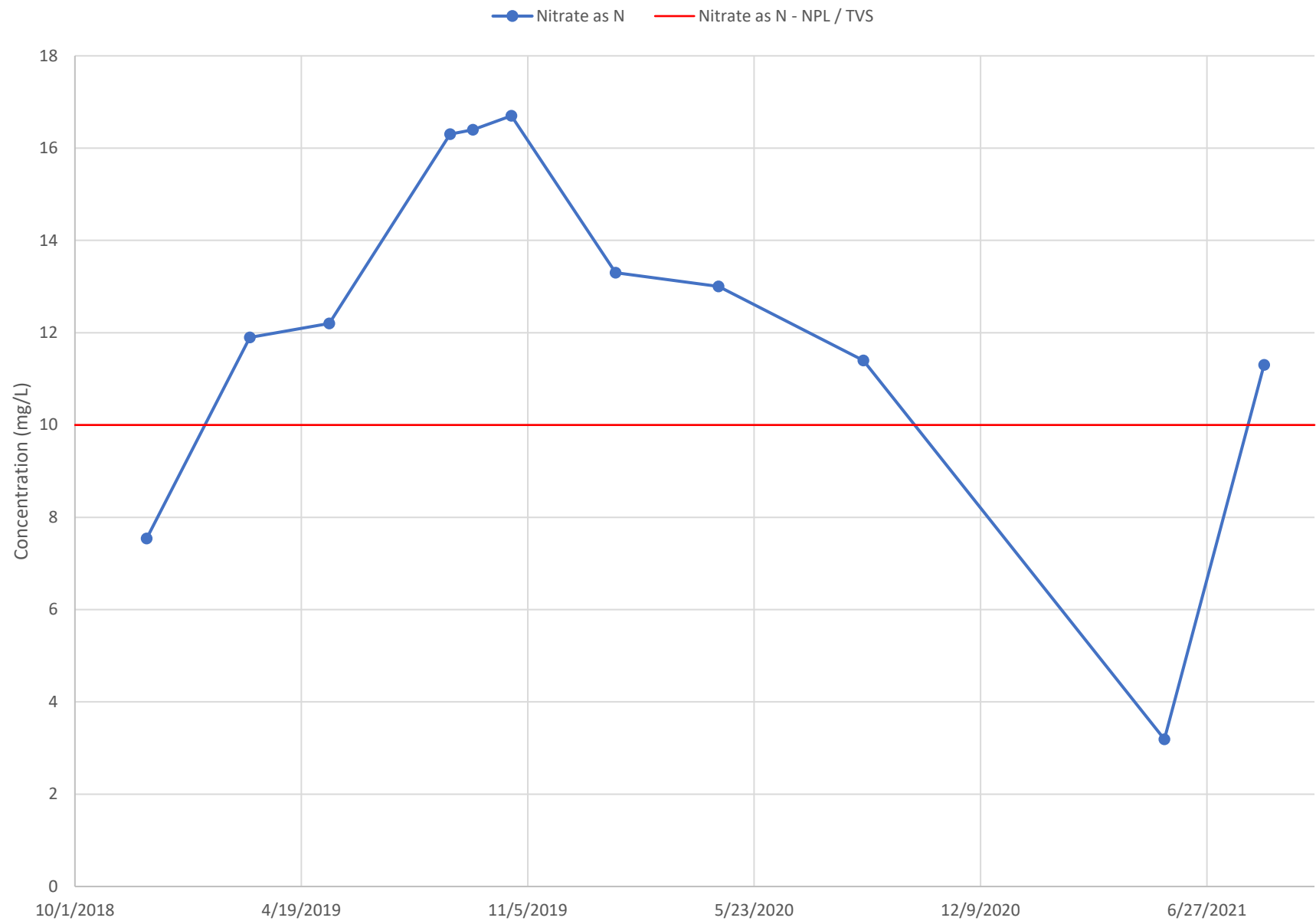
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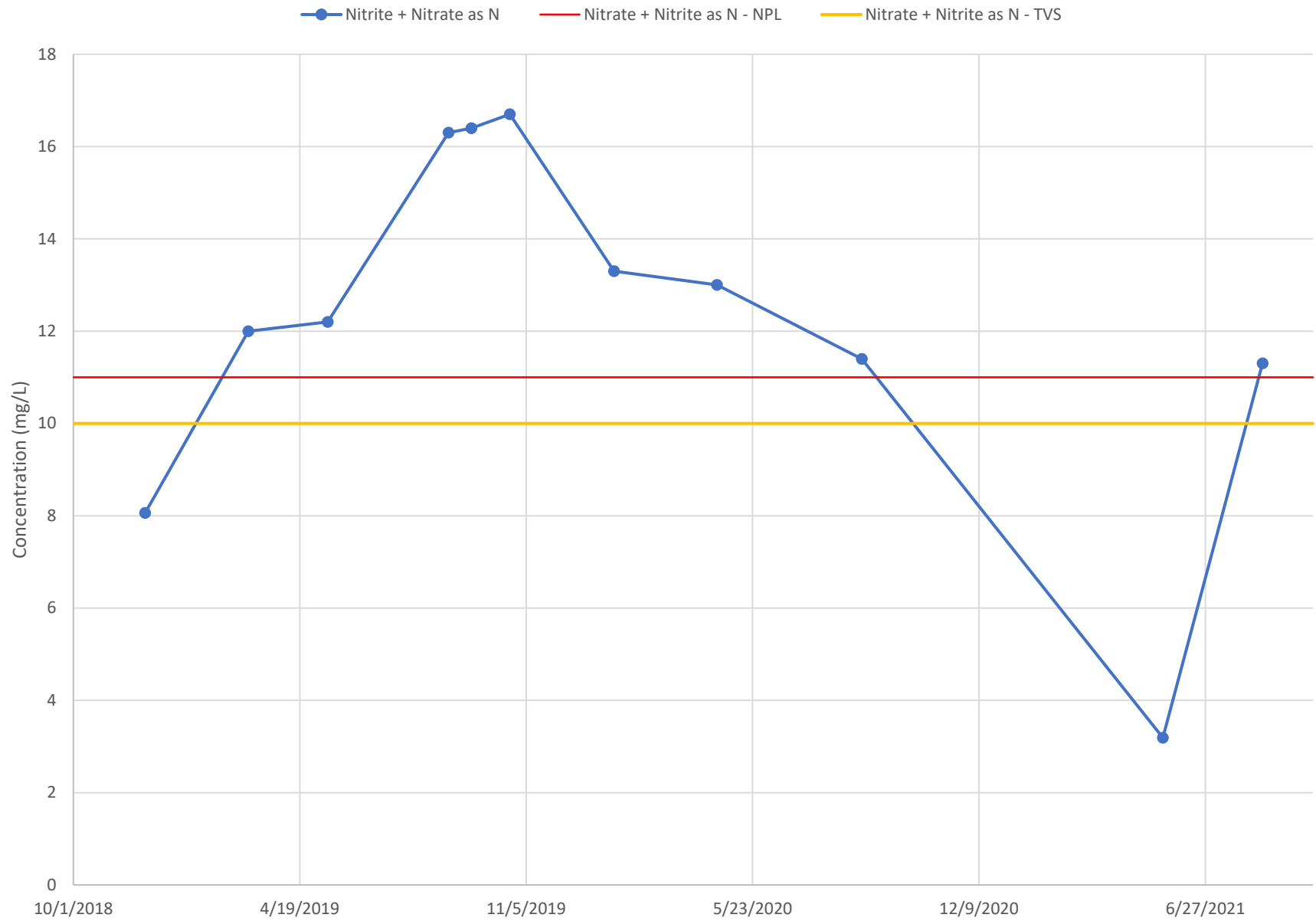
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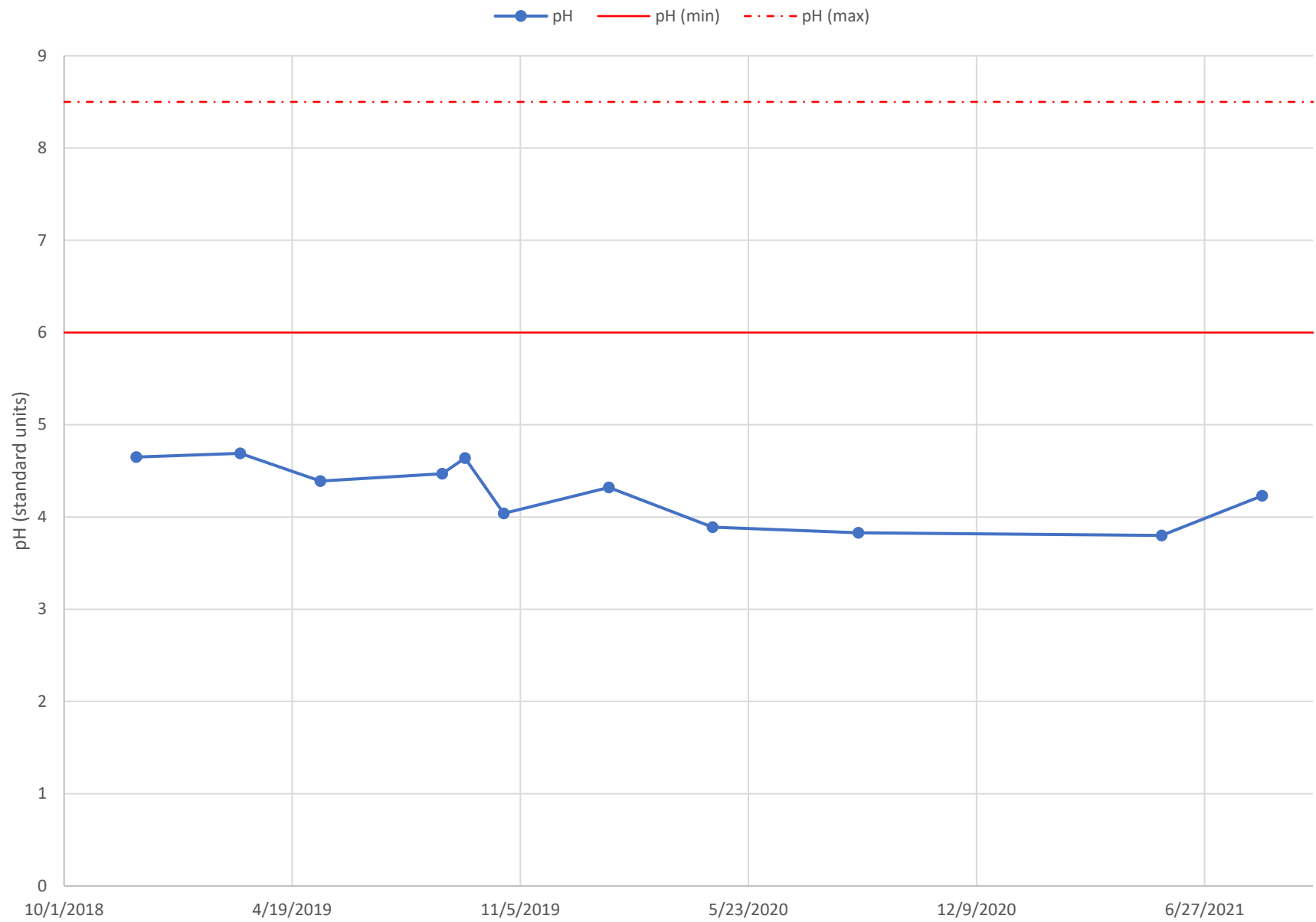
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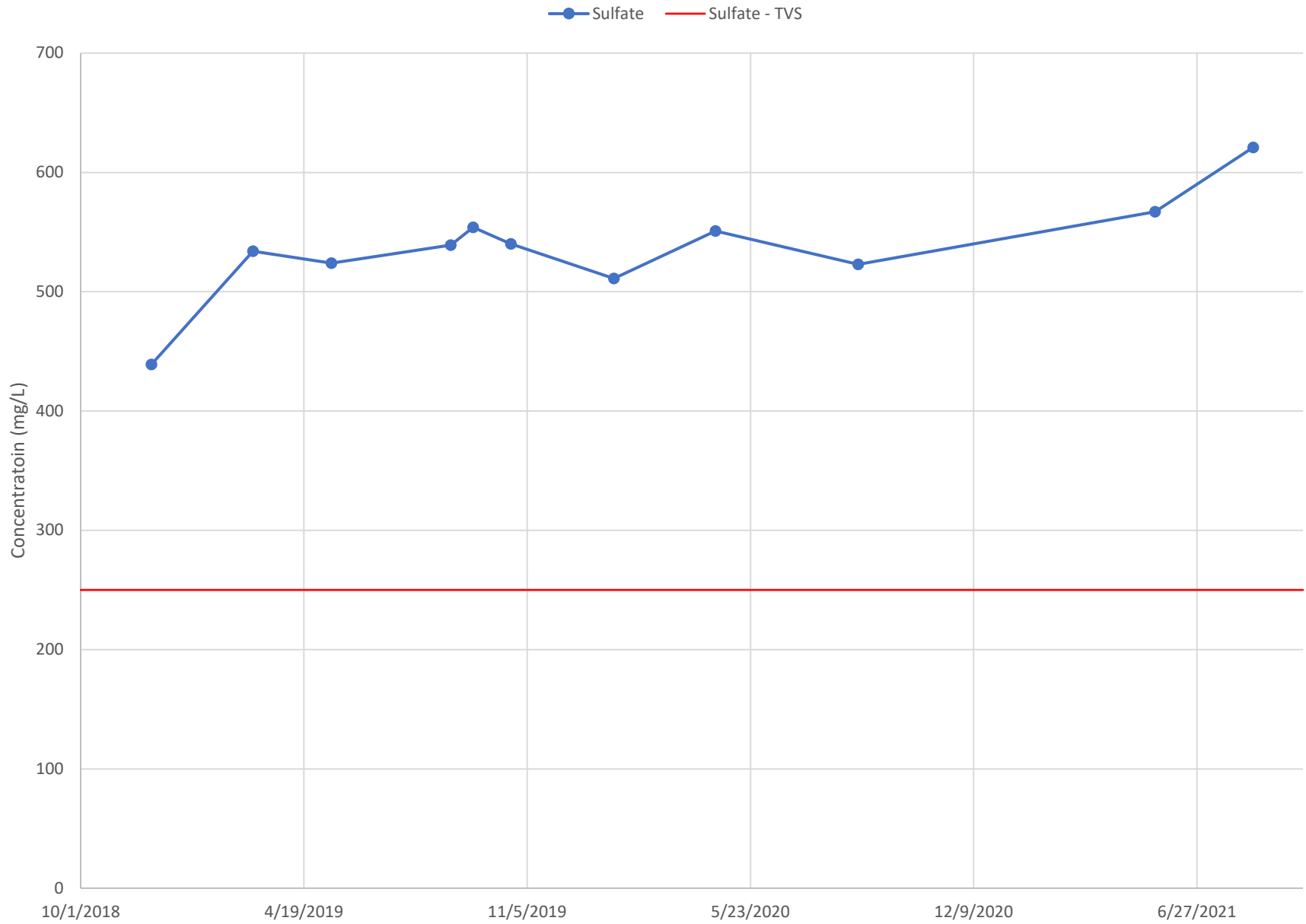
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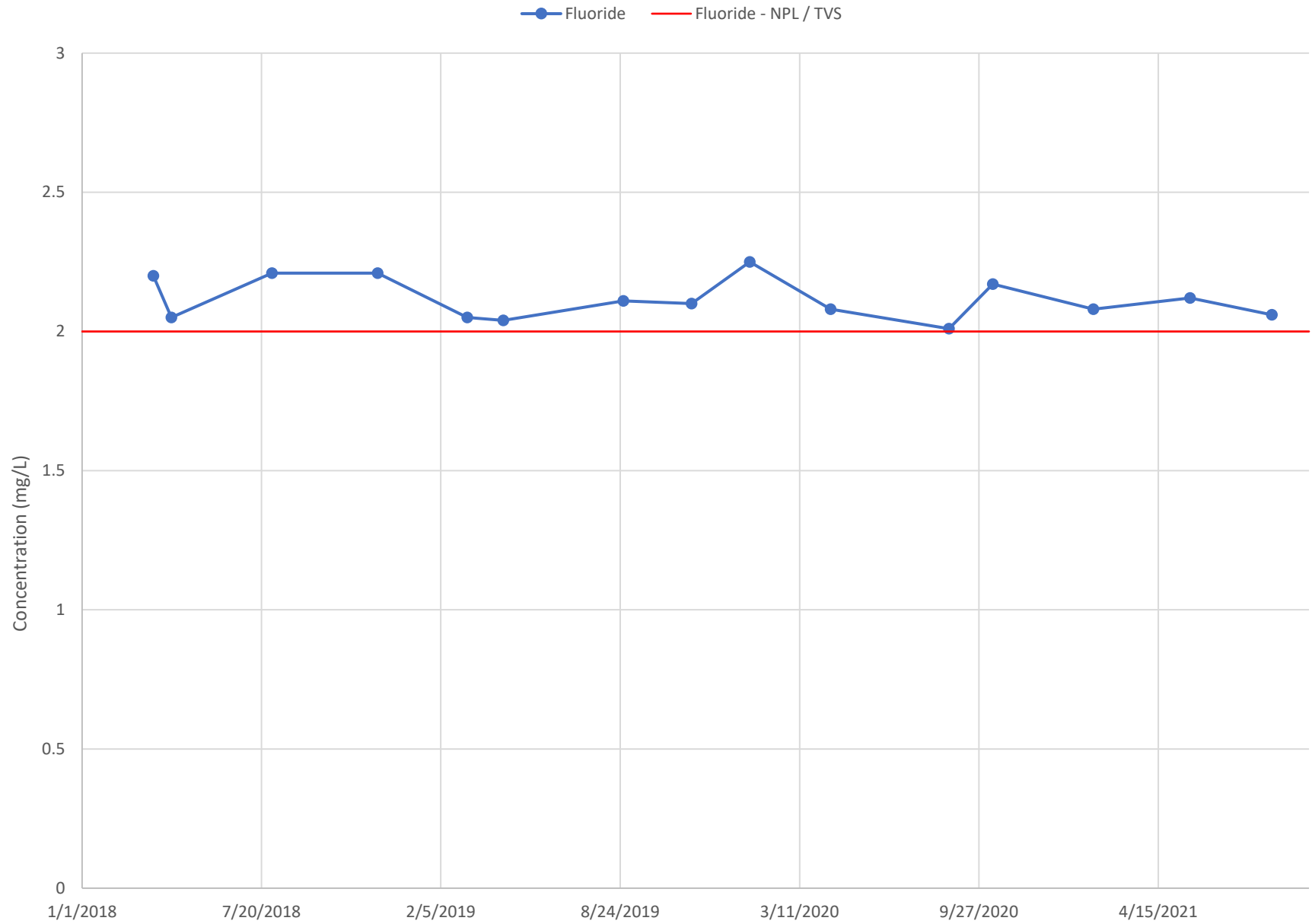
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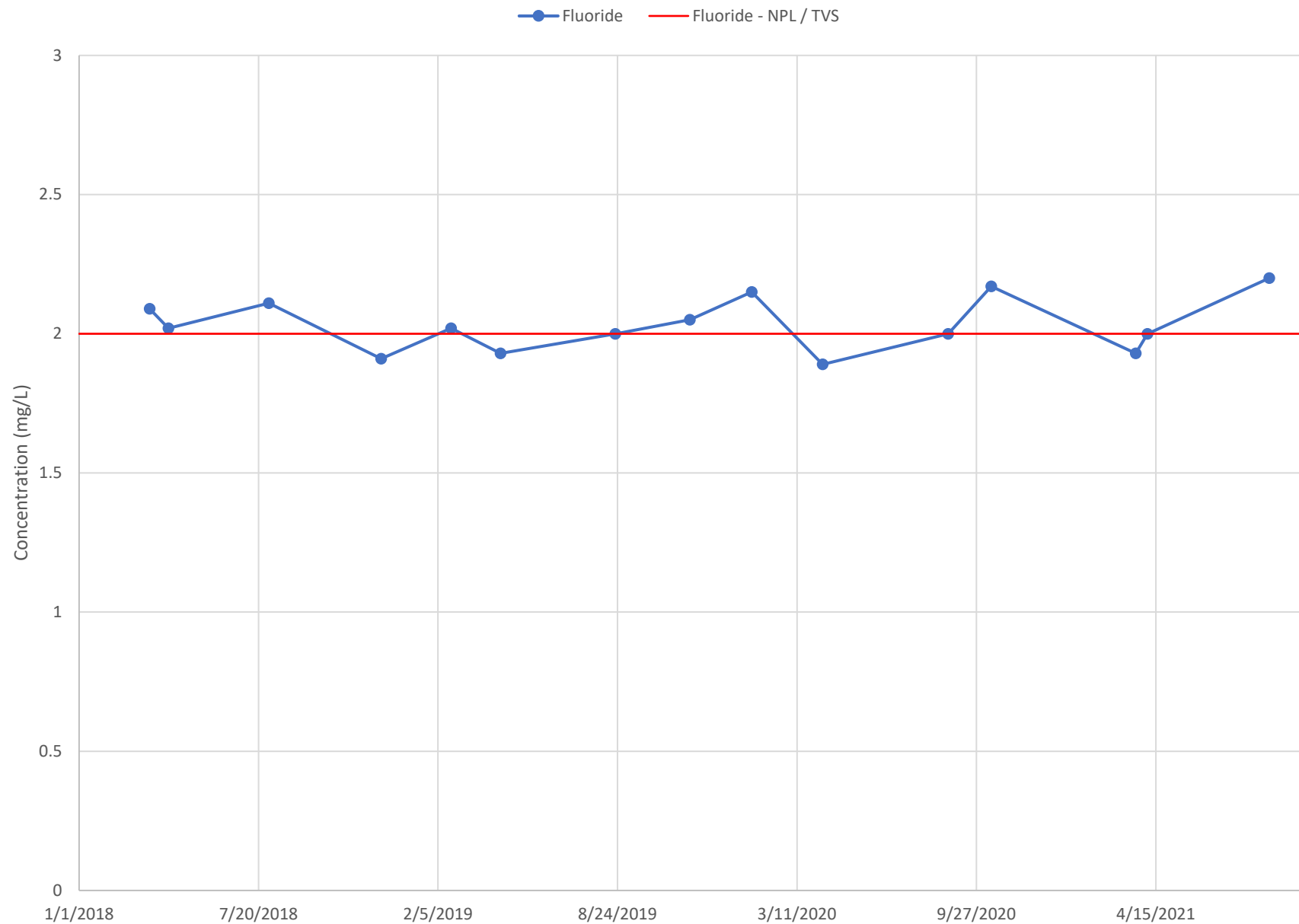
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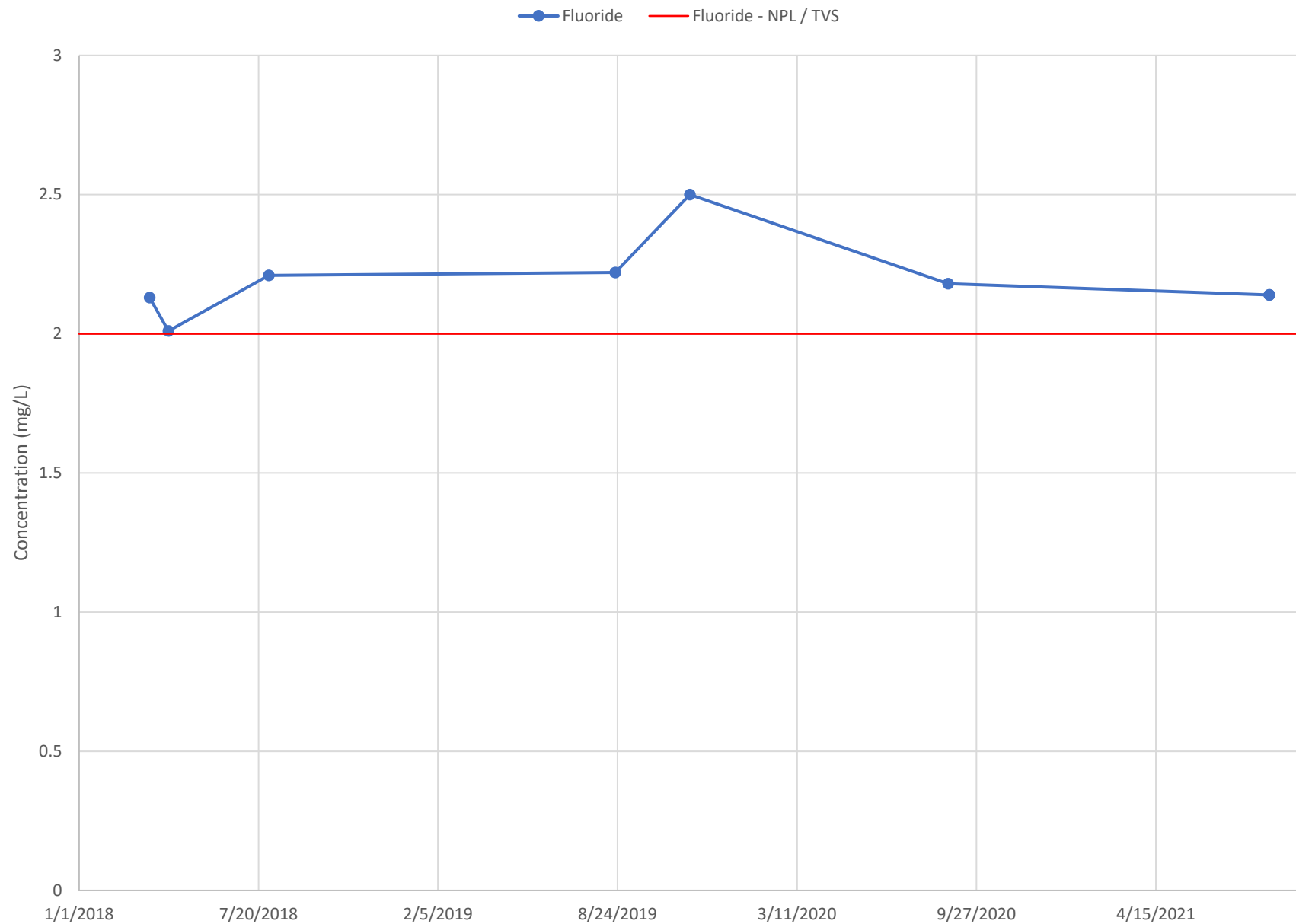
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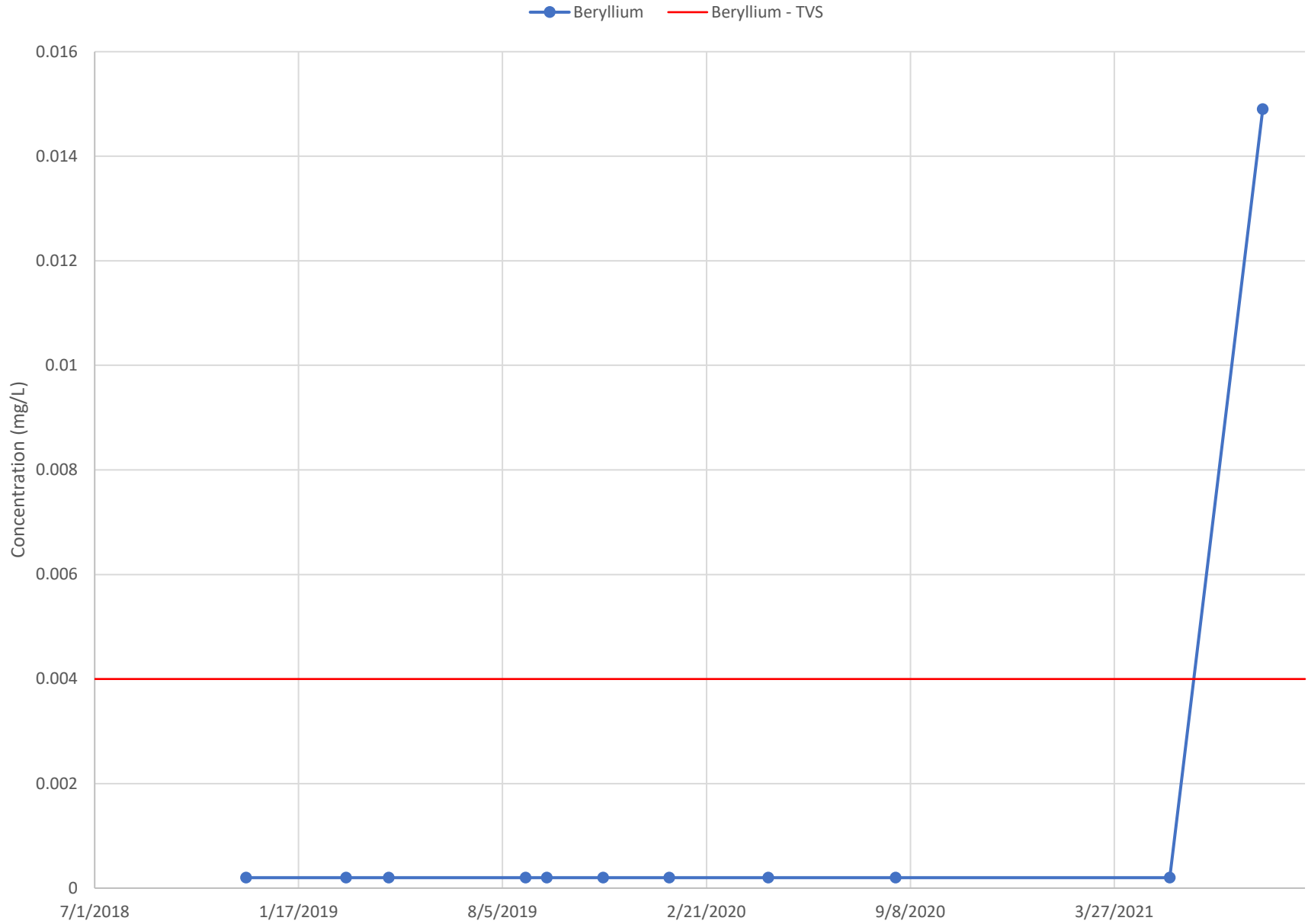
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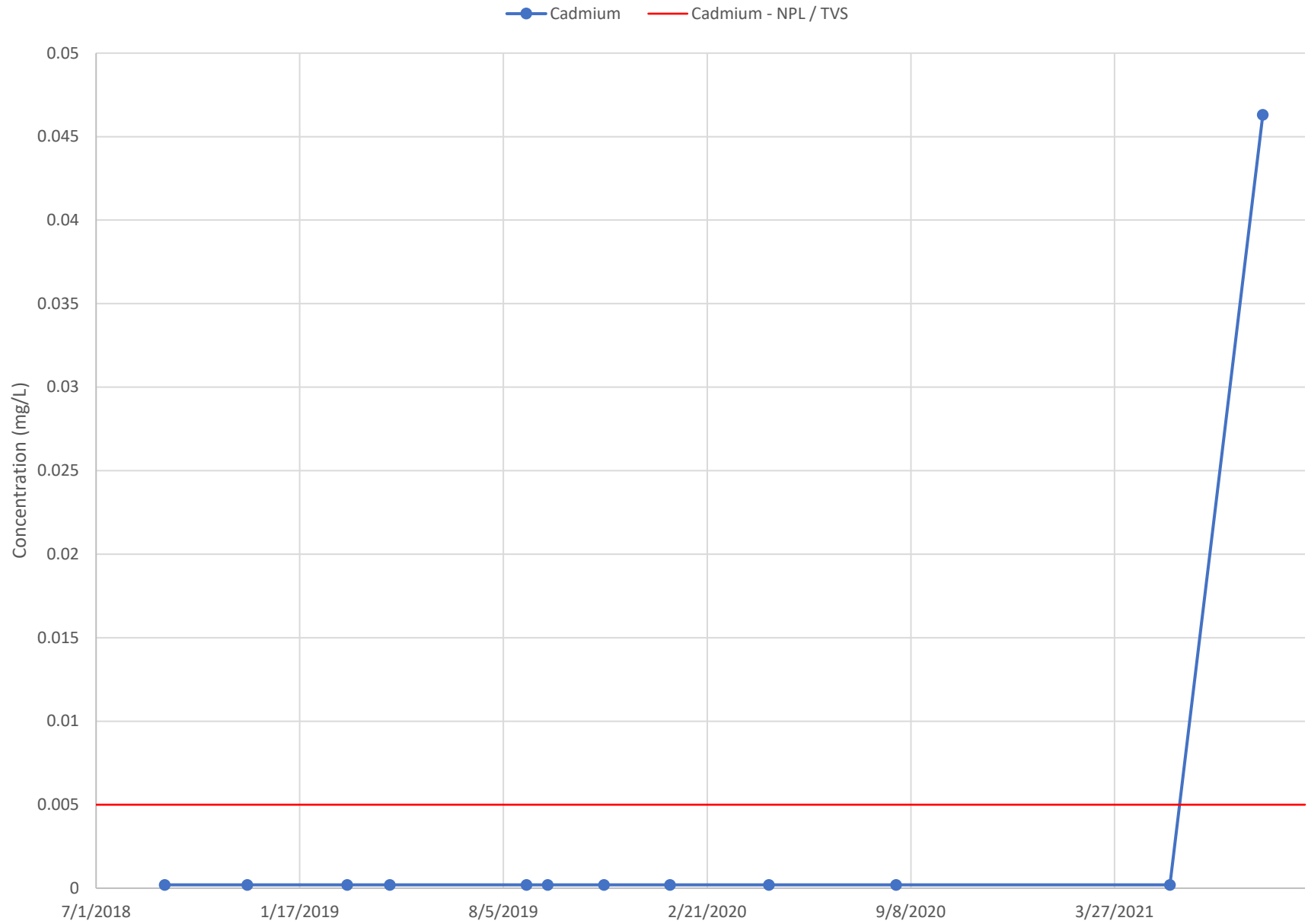
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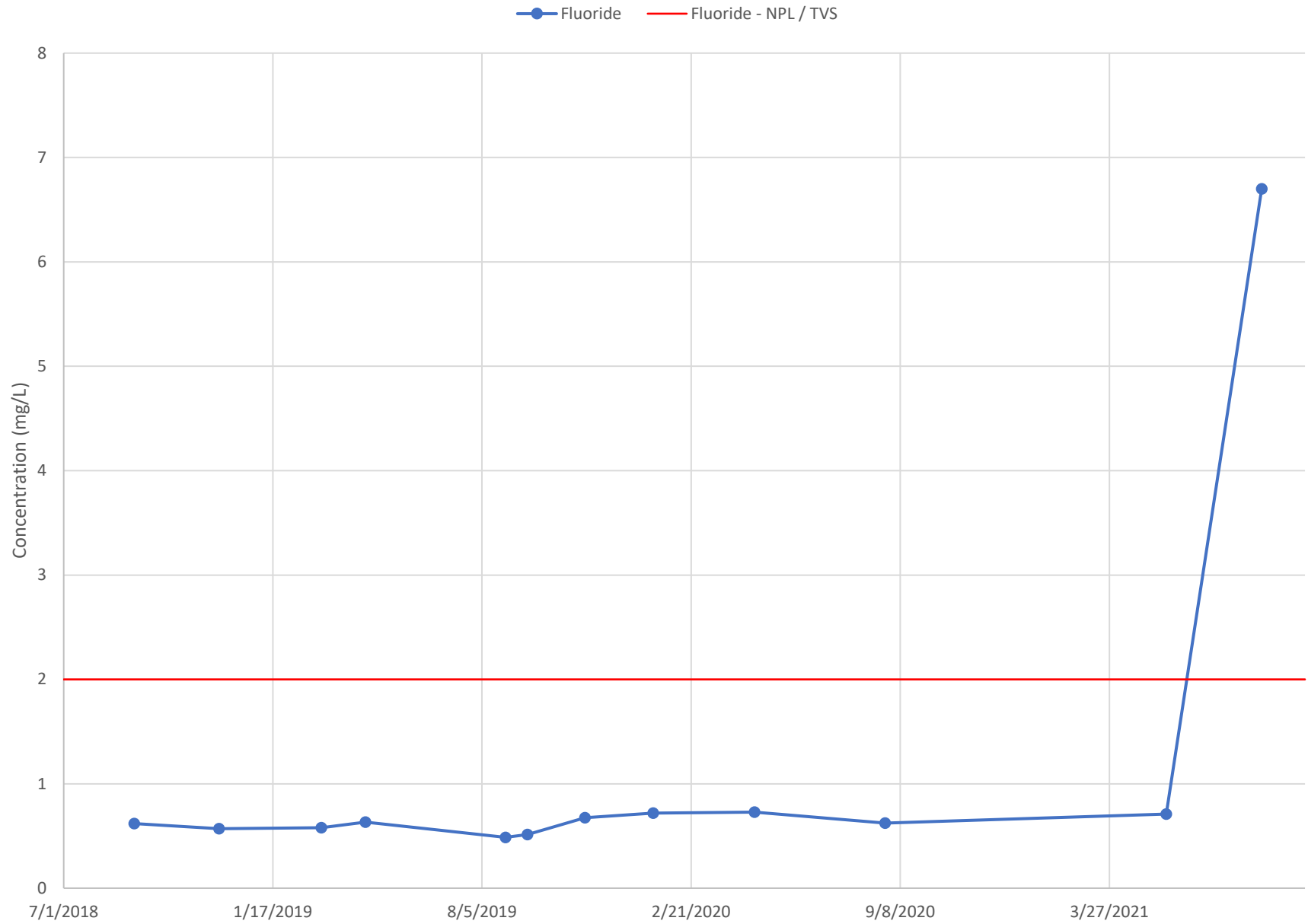
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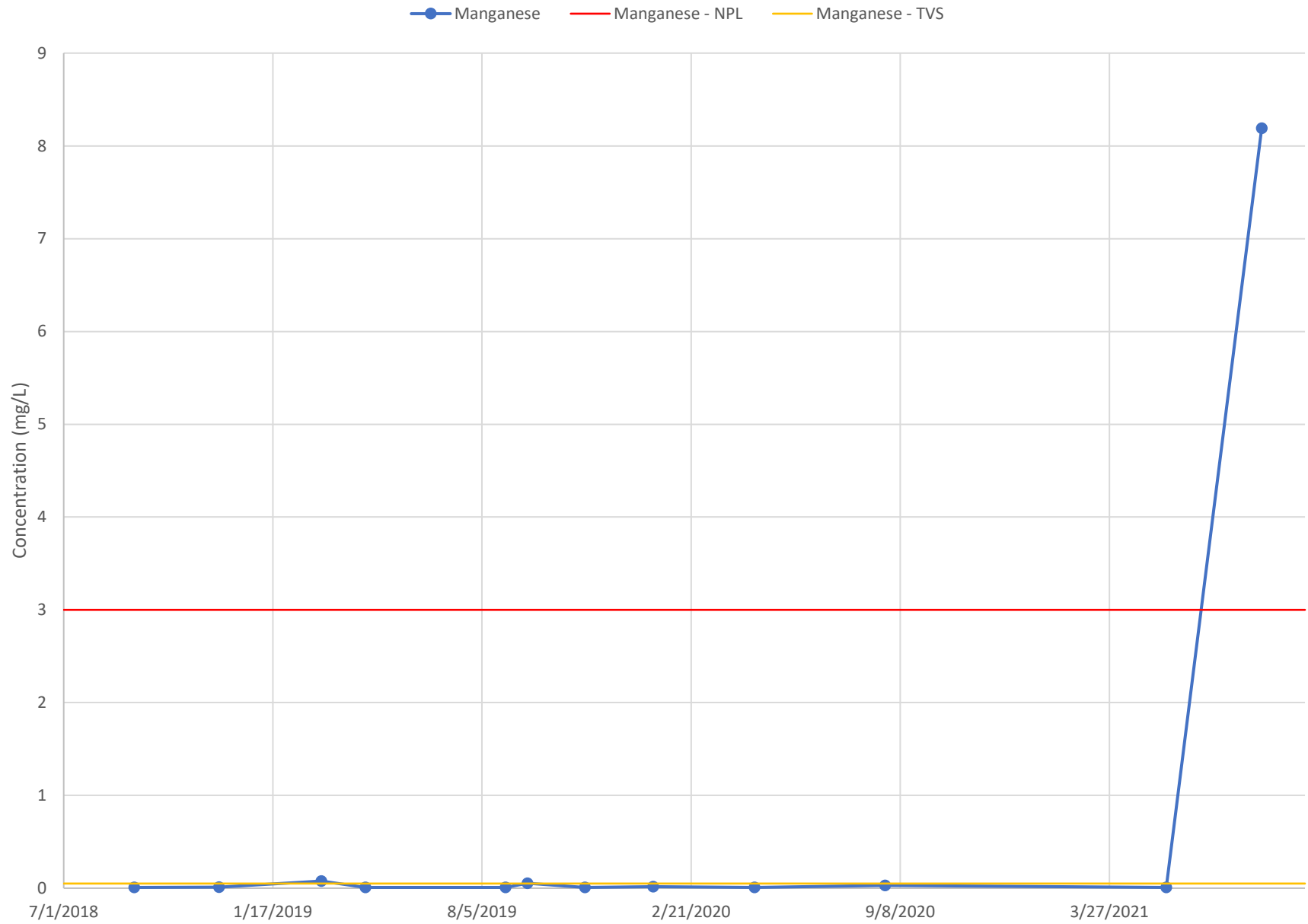
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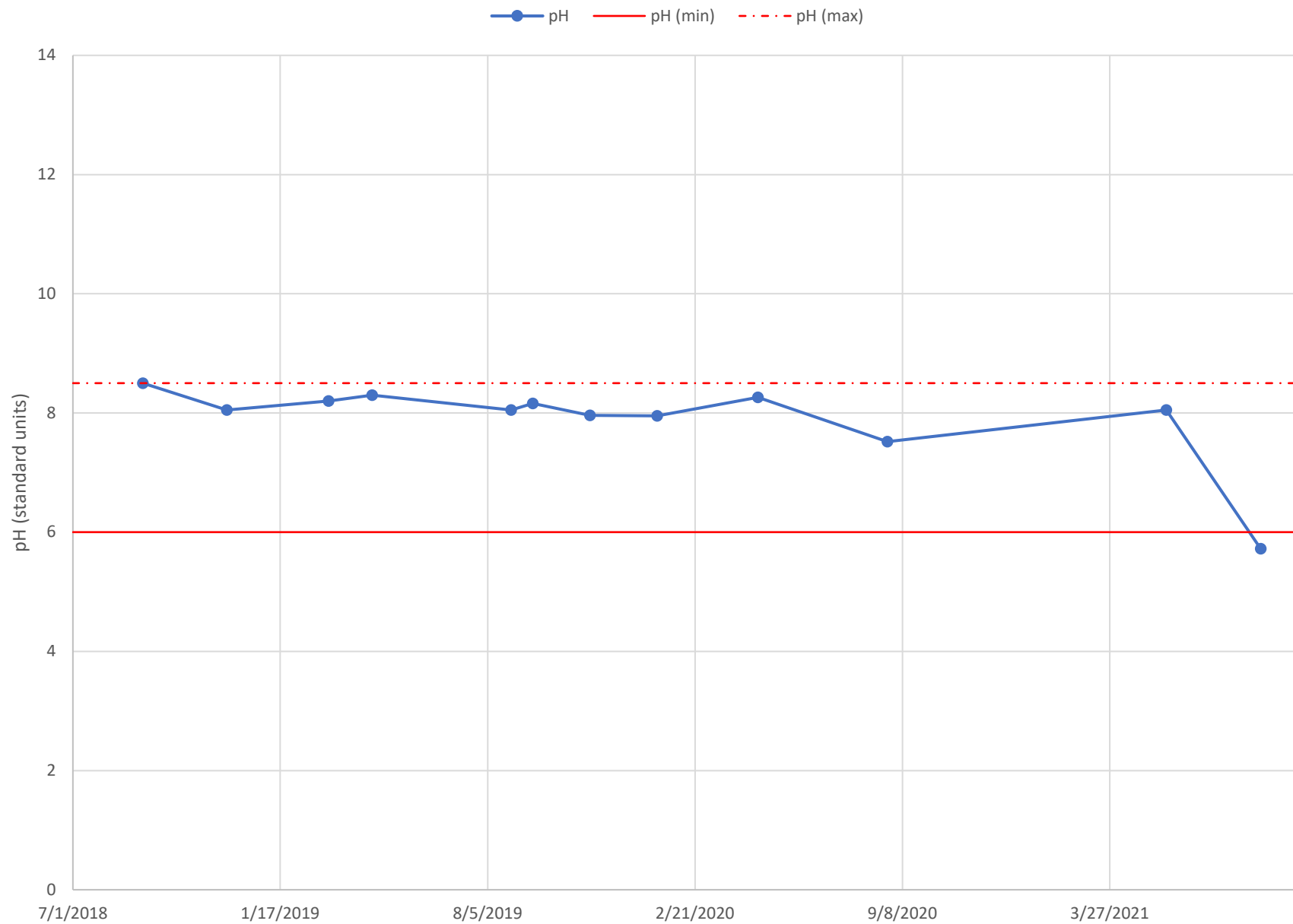
Fluoride



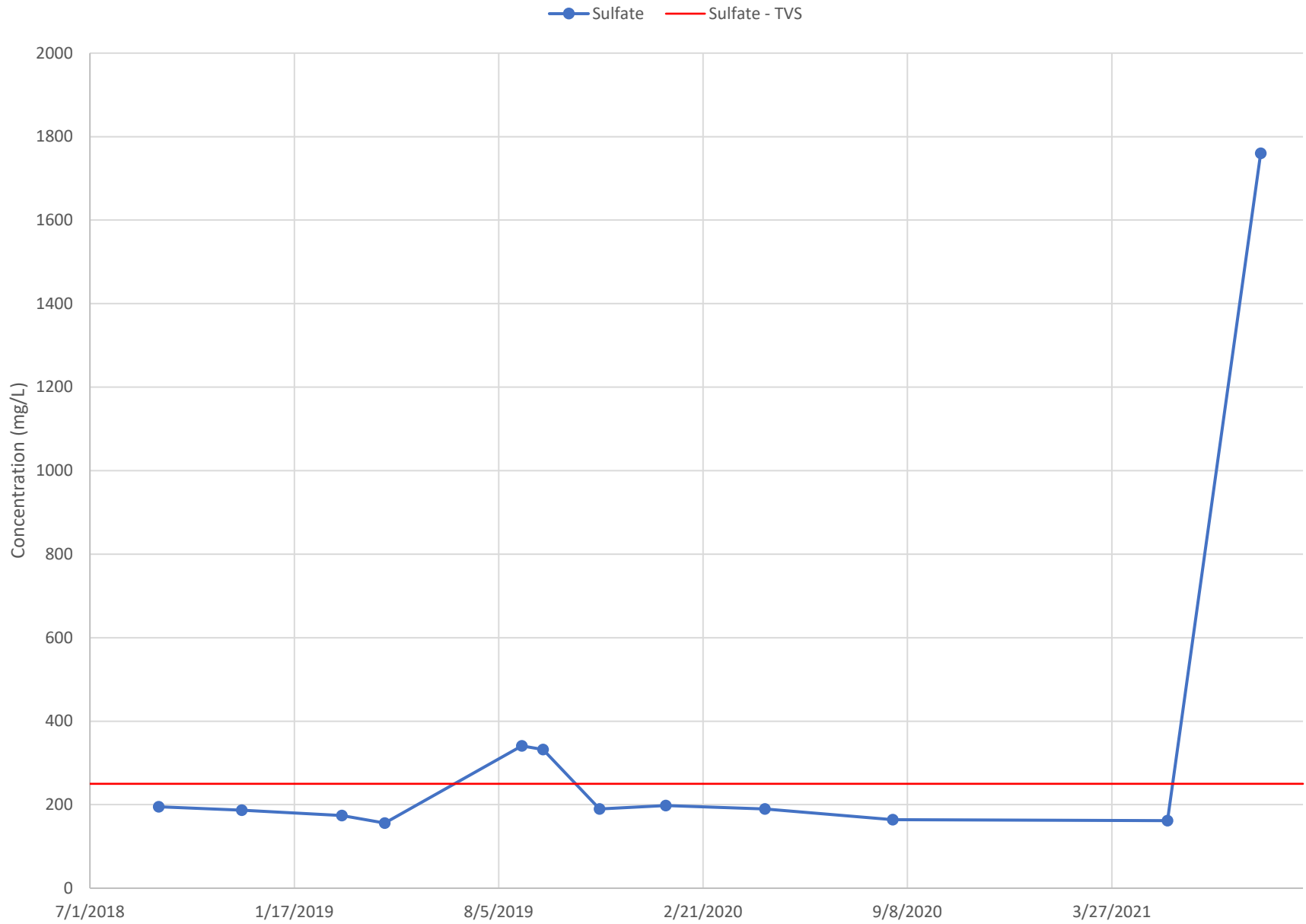
GVMW-25



GVMW-25

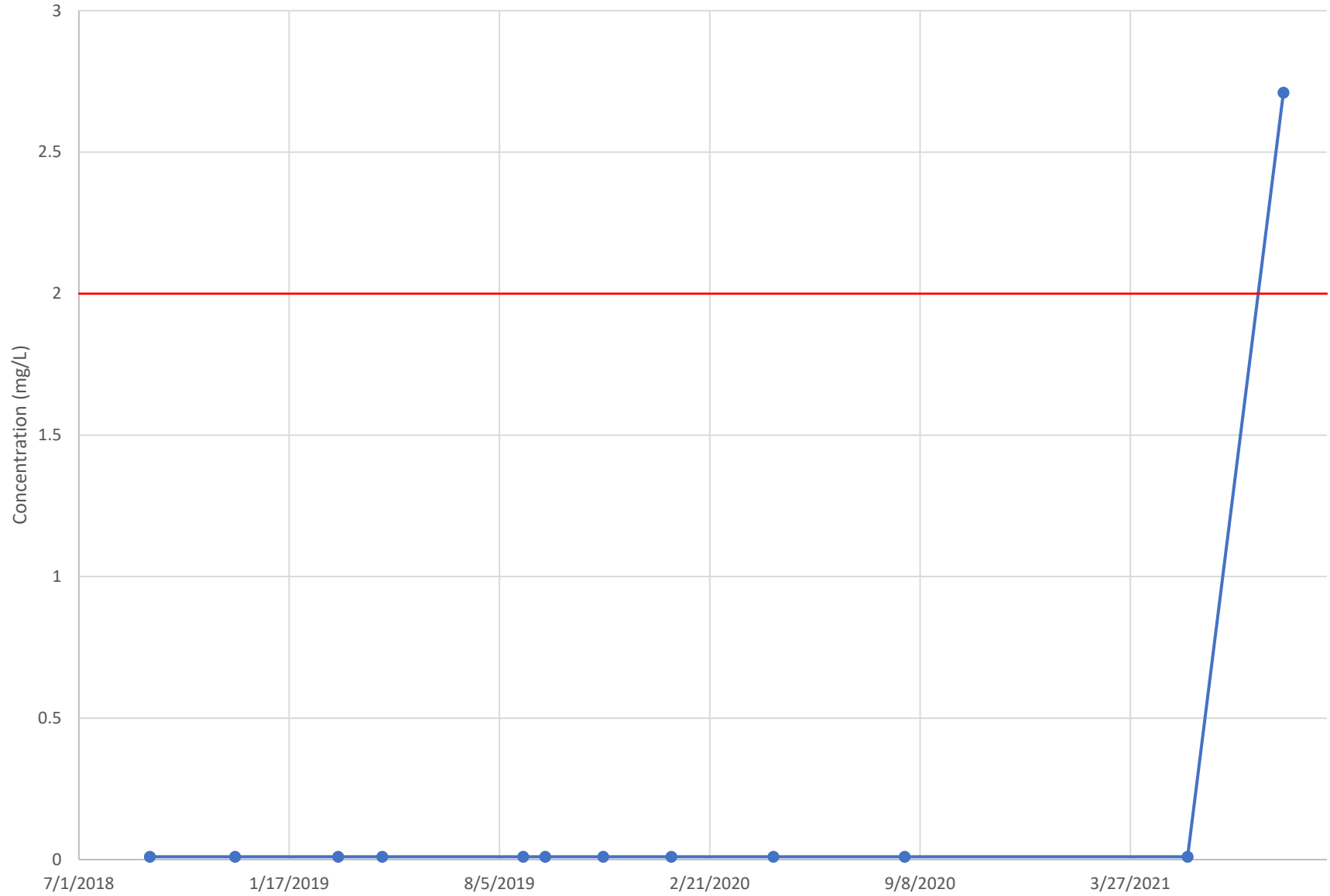


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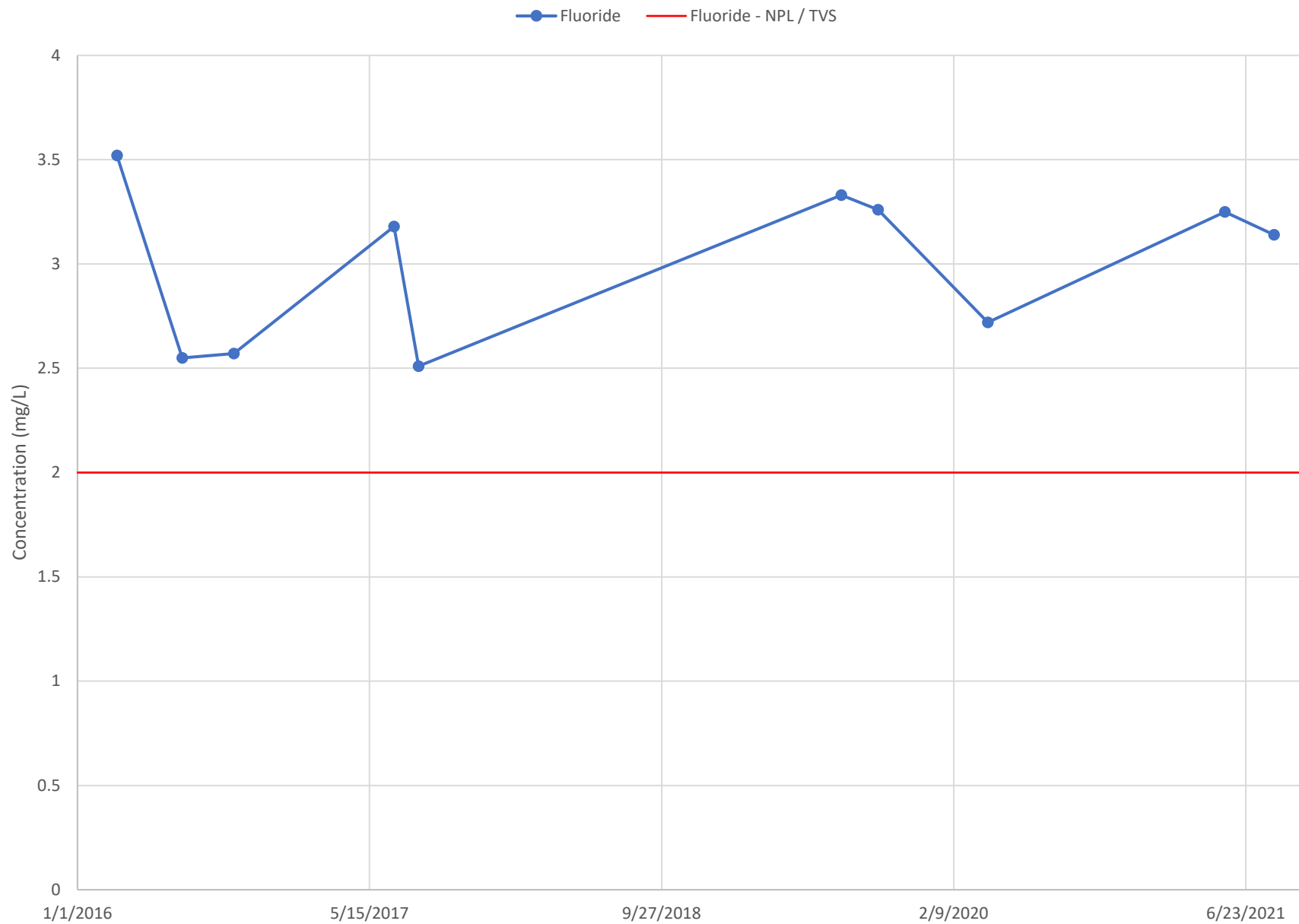


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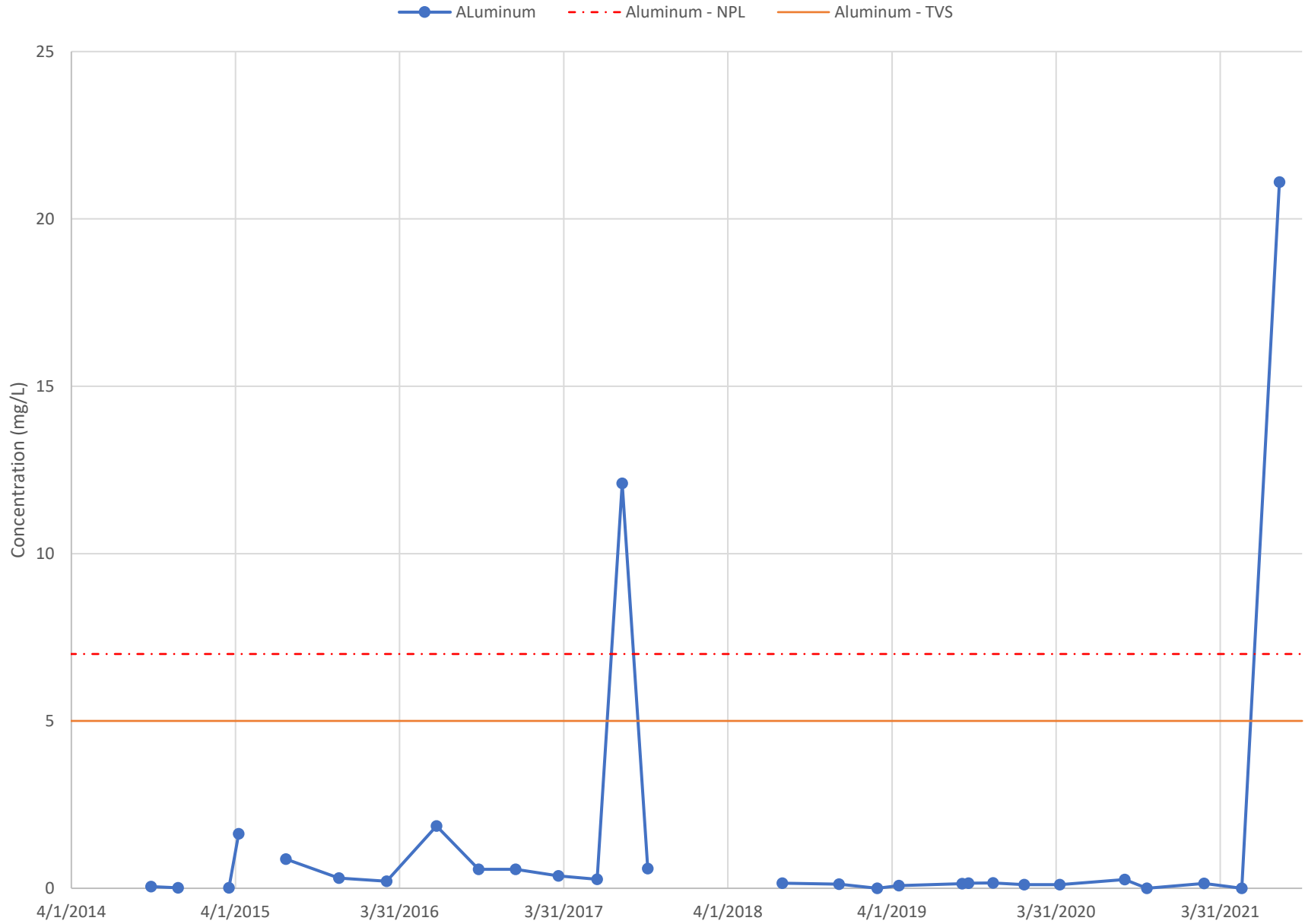
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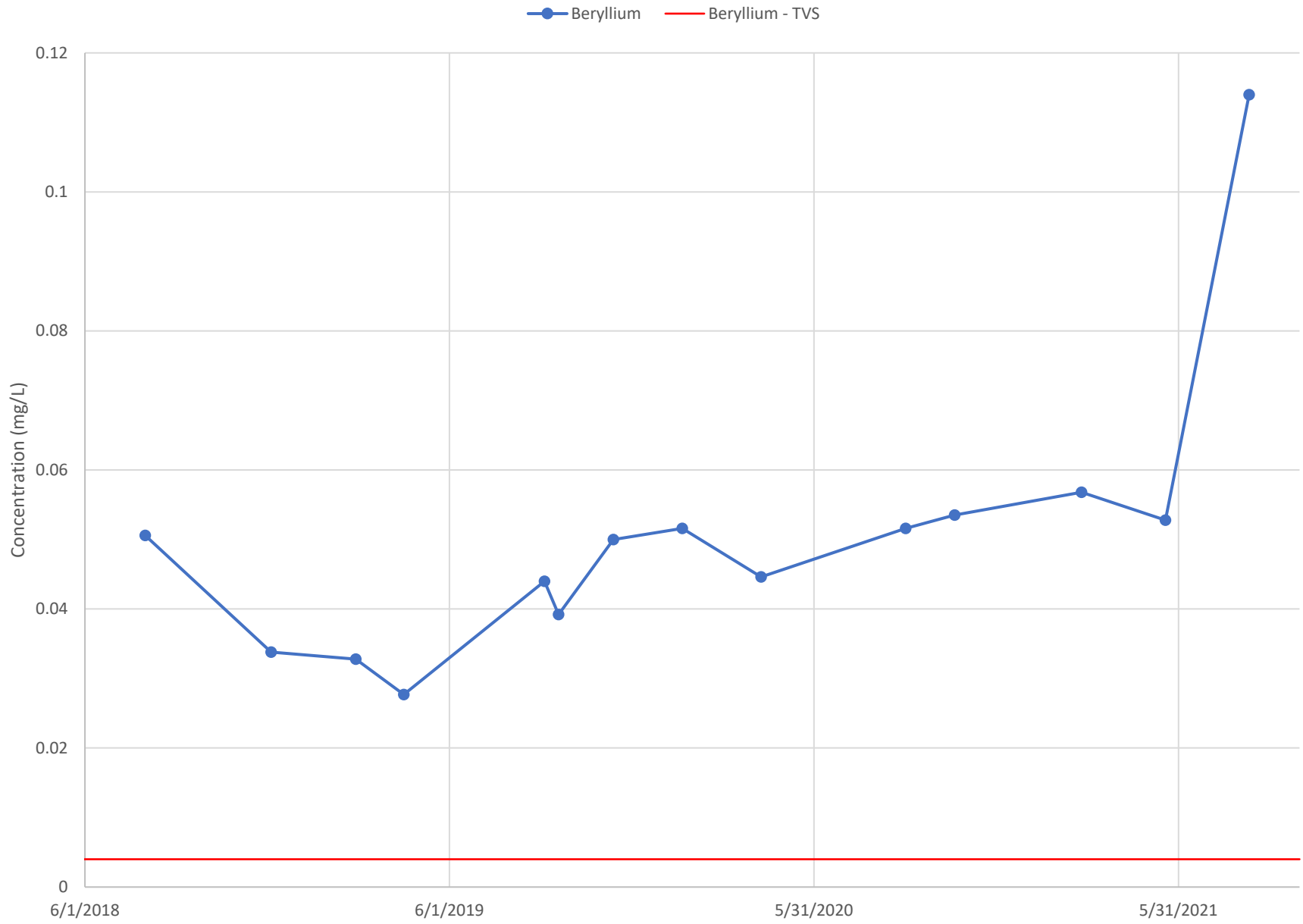
AG 2.0



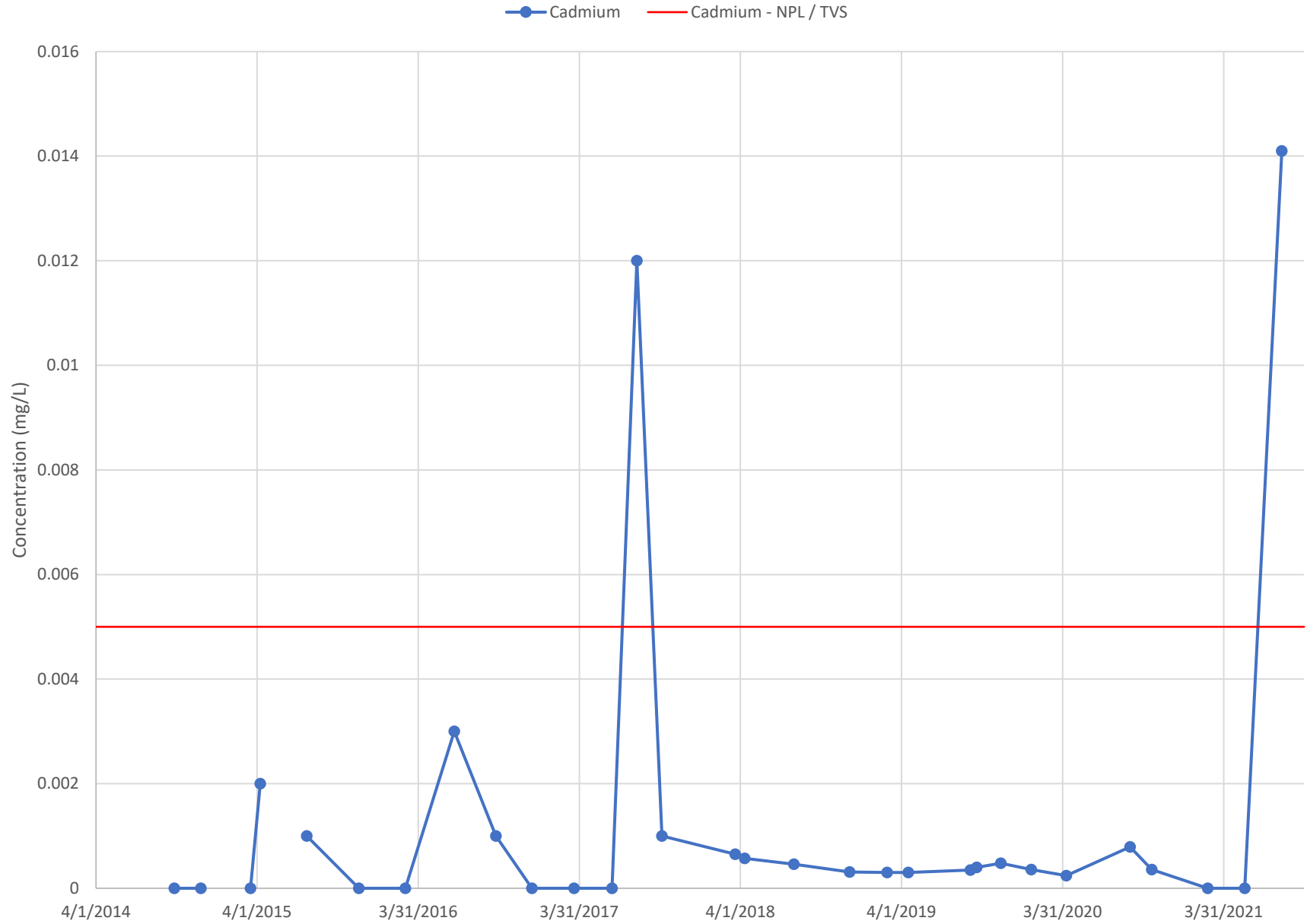
SGMW-6B



SGMW-6B

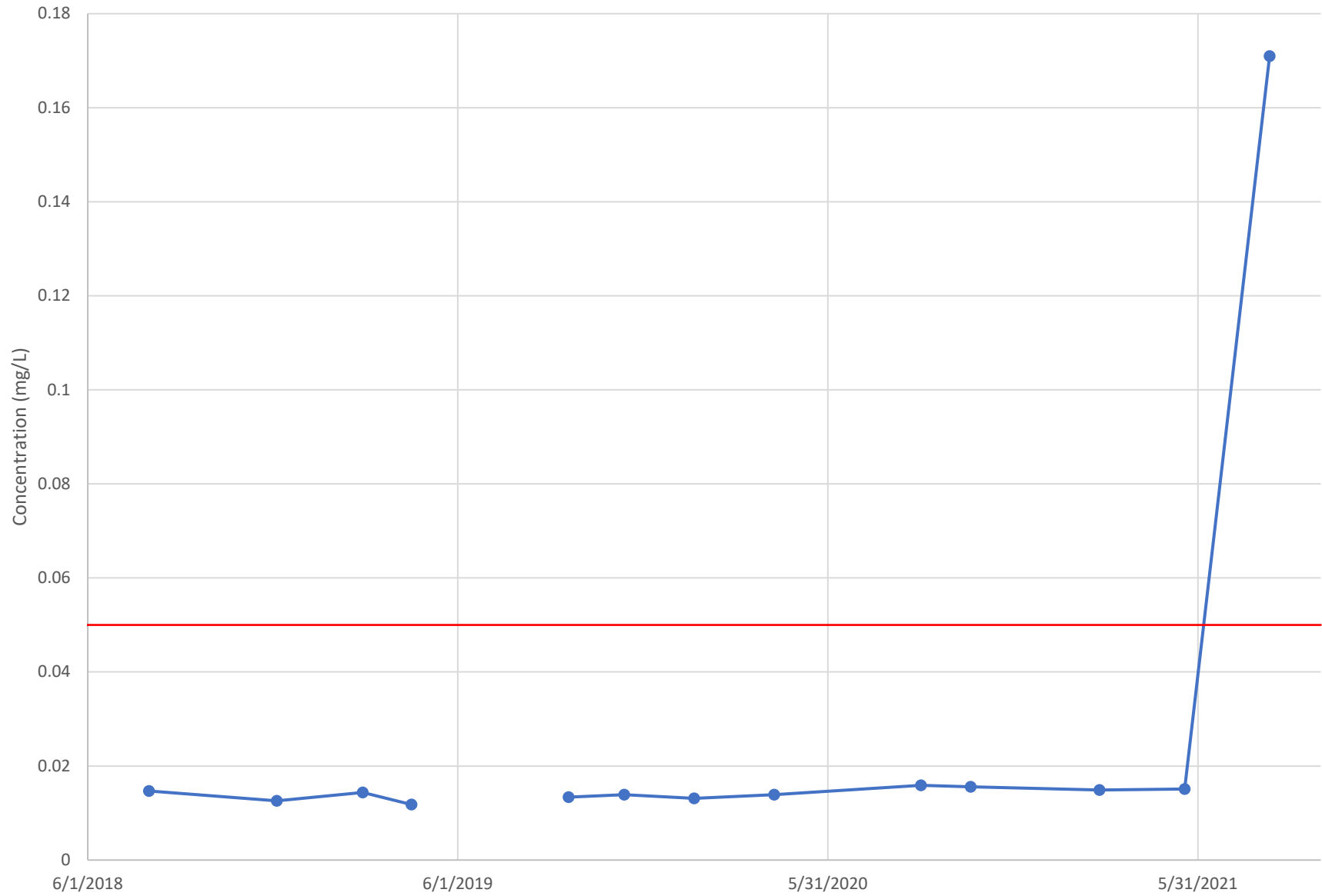


SGMW-6B

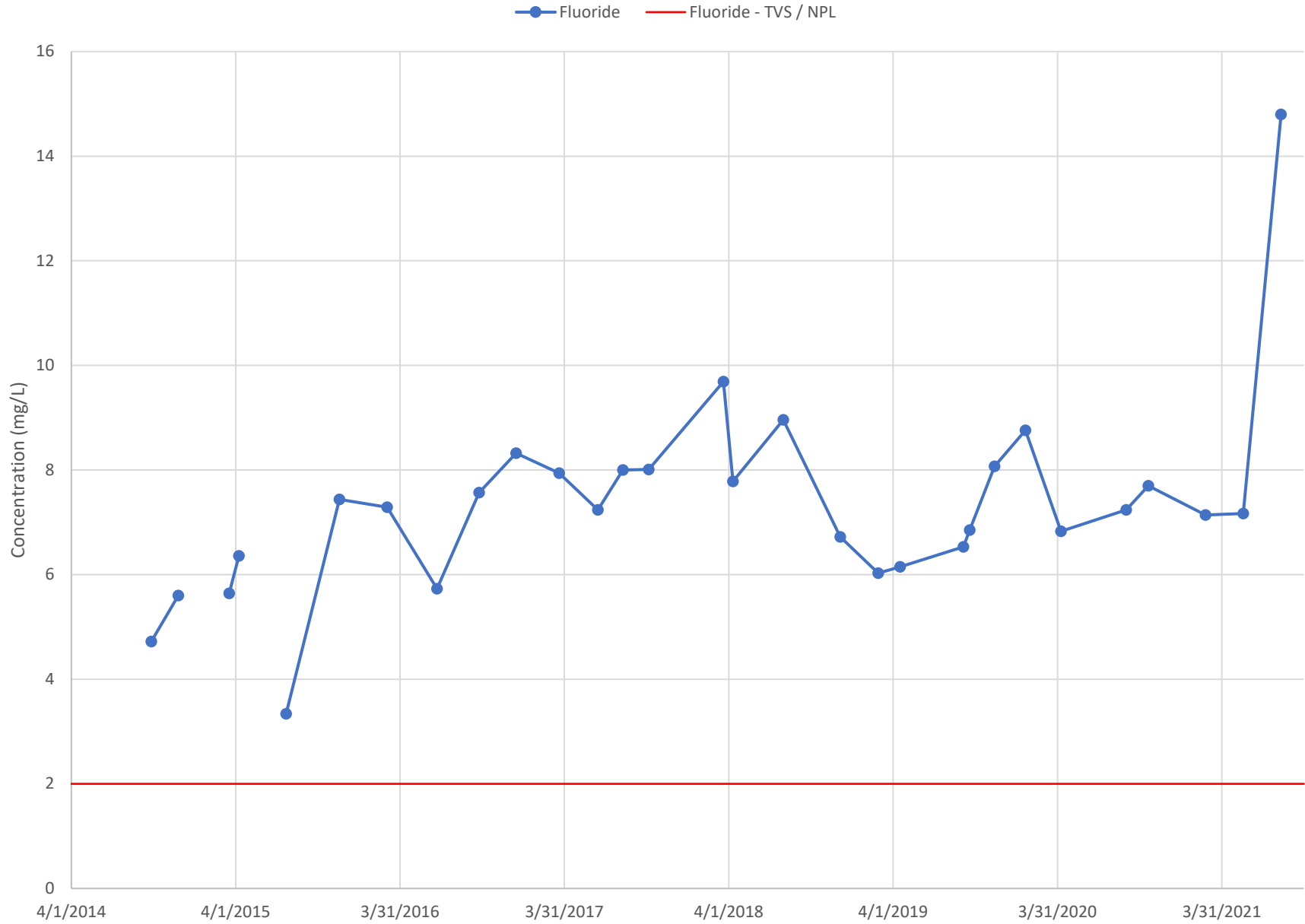


SGMW-6B

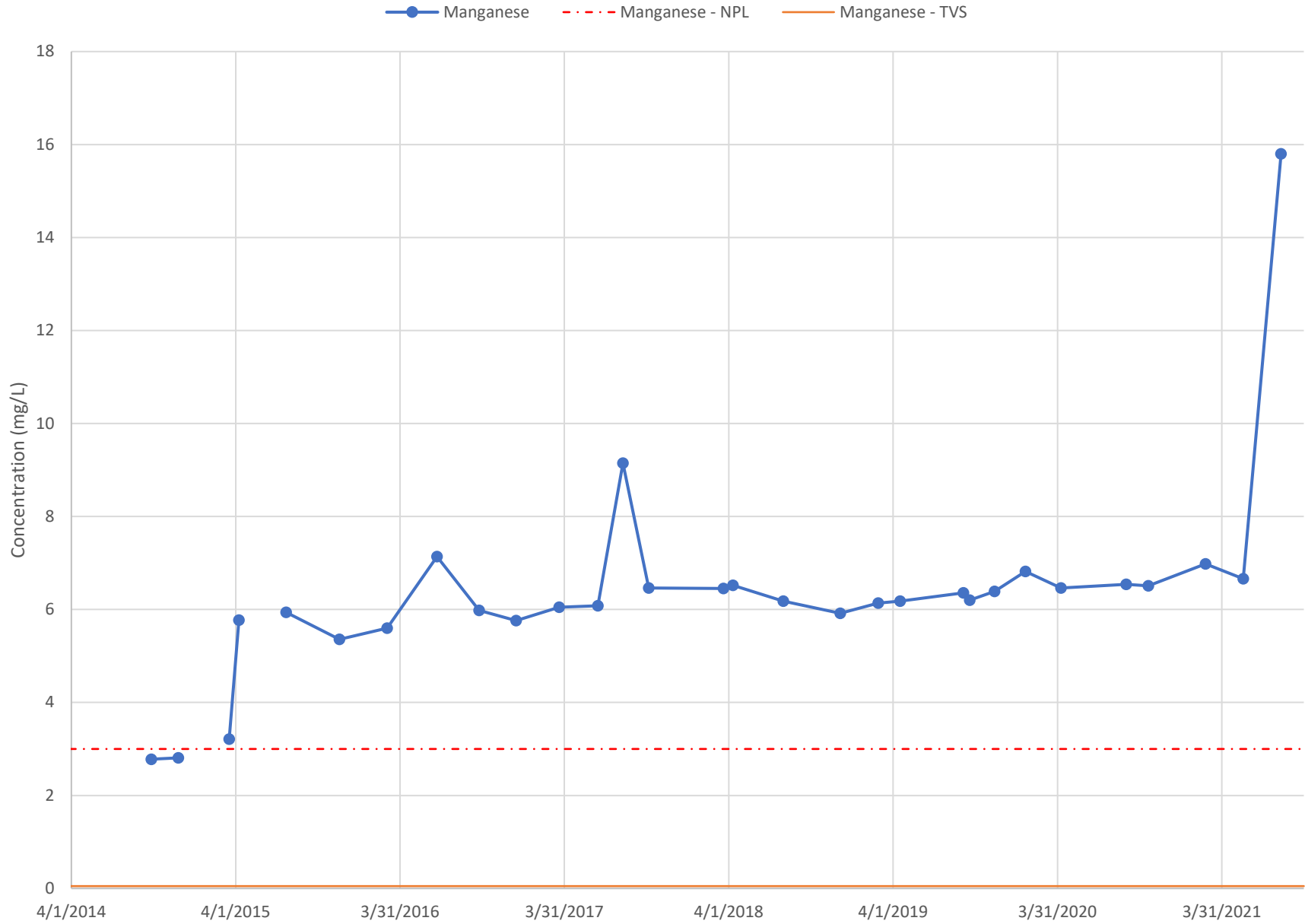
—●— Cobalt — Cobalt - TVS



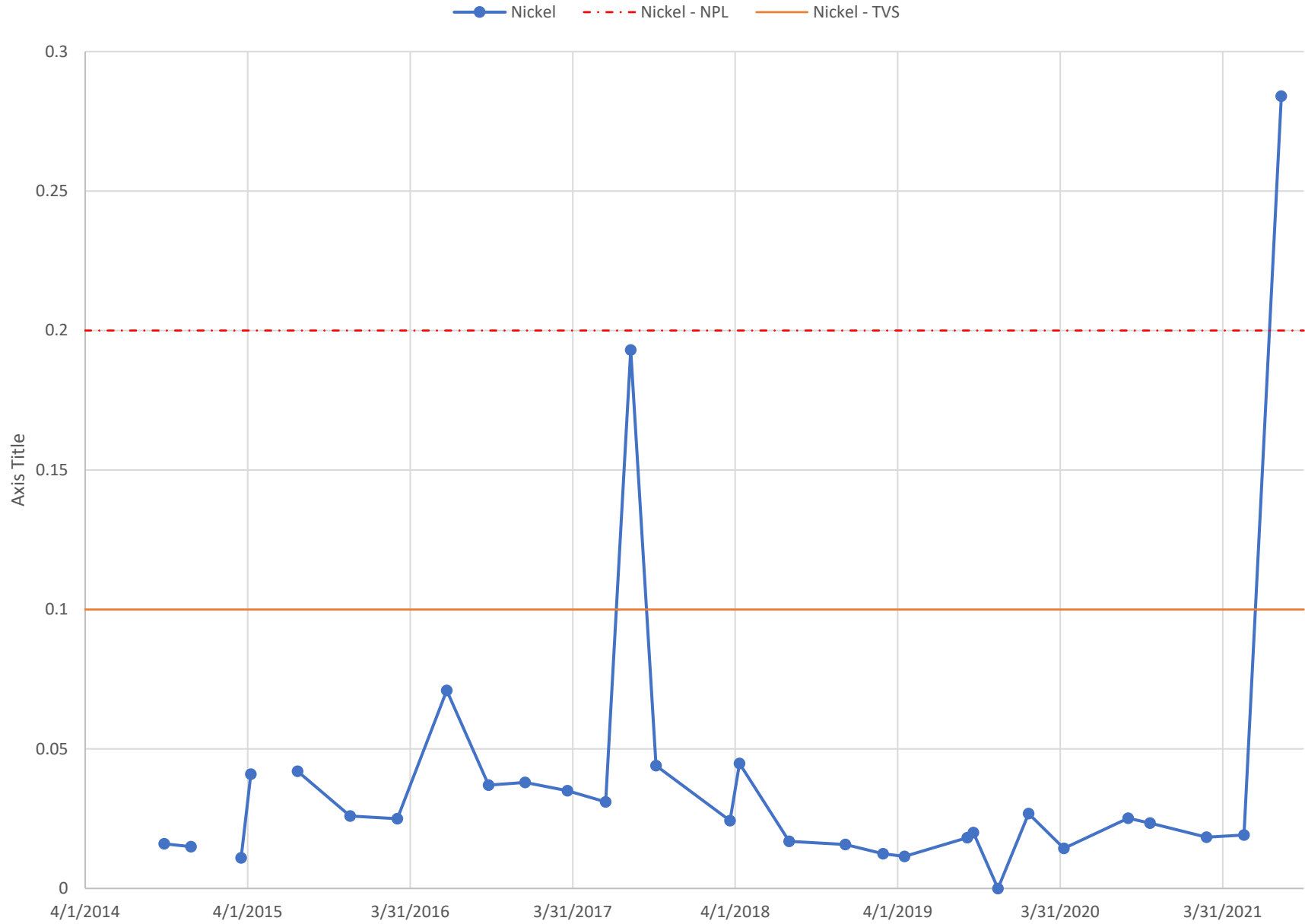
SGMW-6B



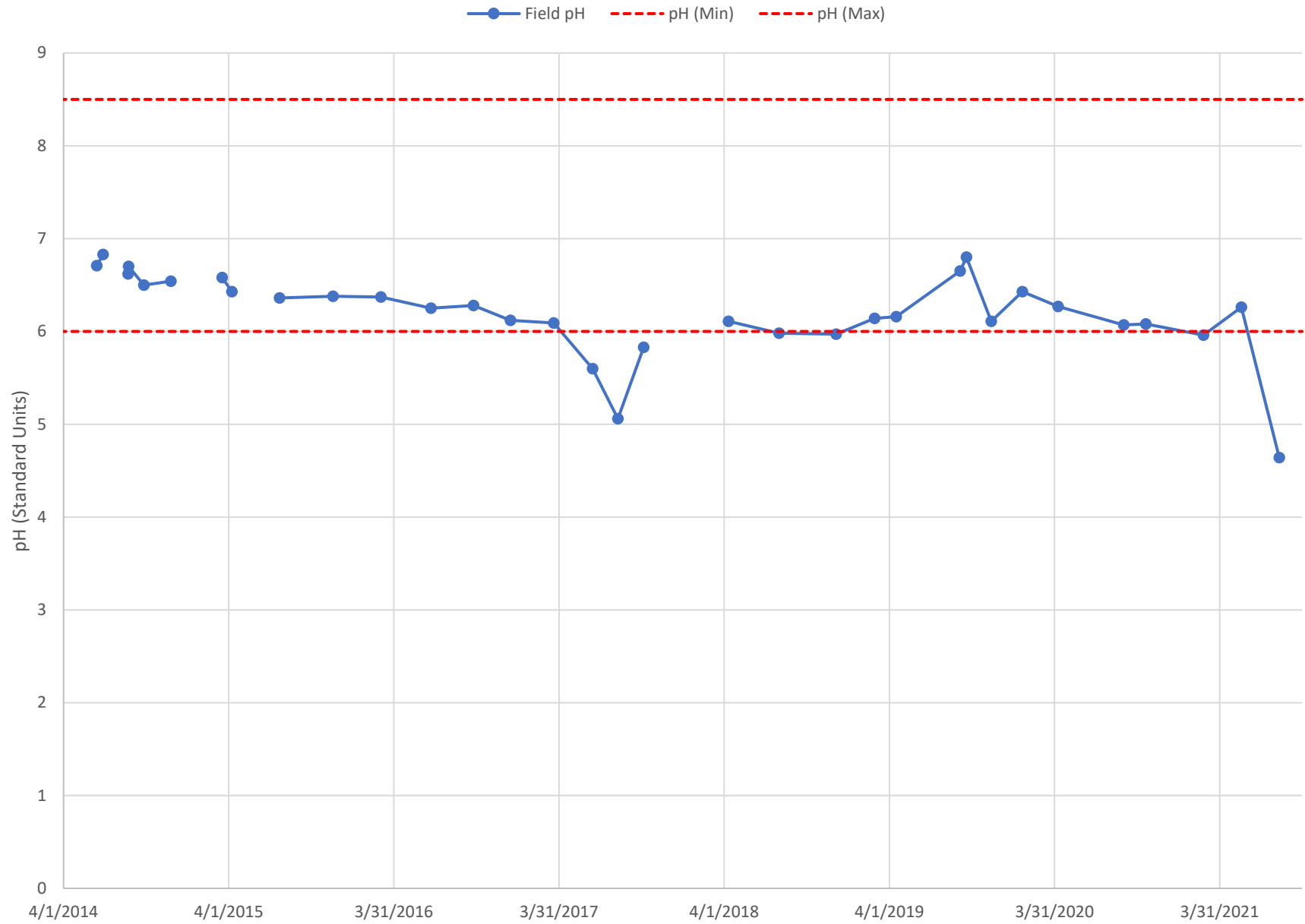
SGMW-6B



SGMW-6B

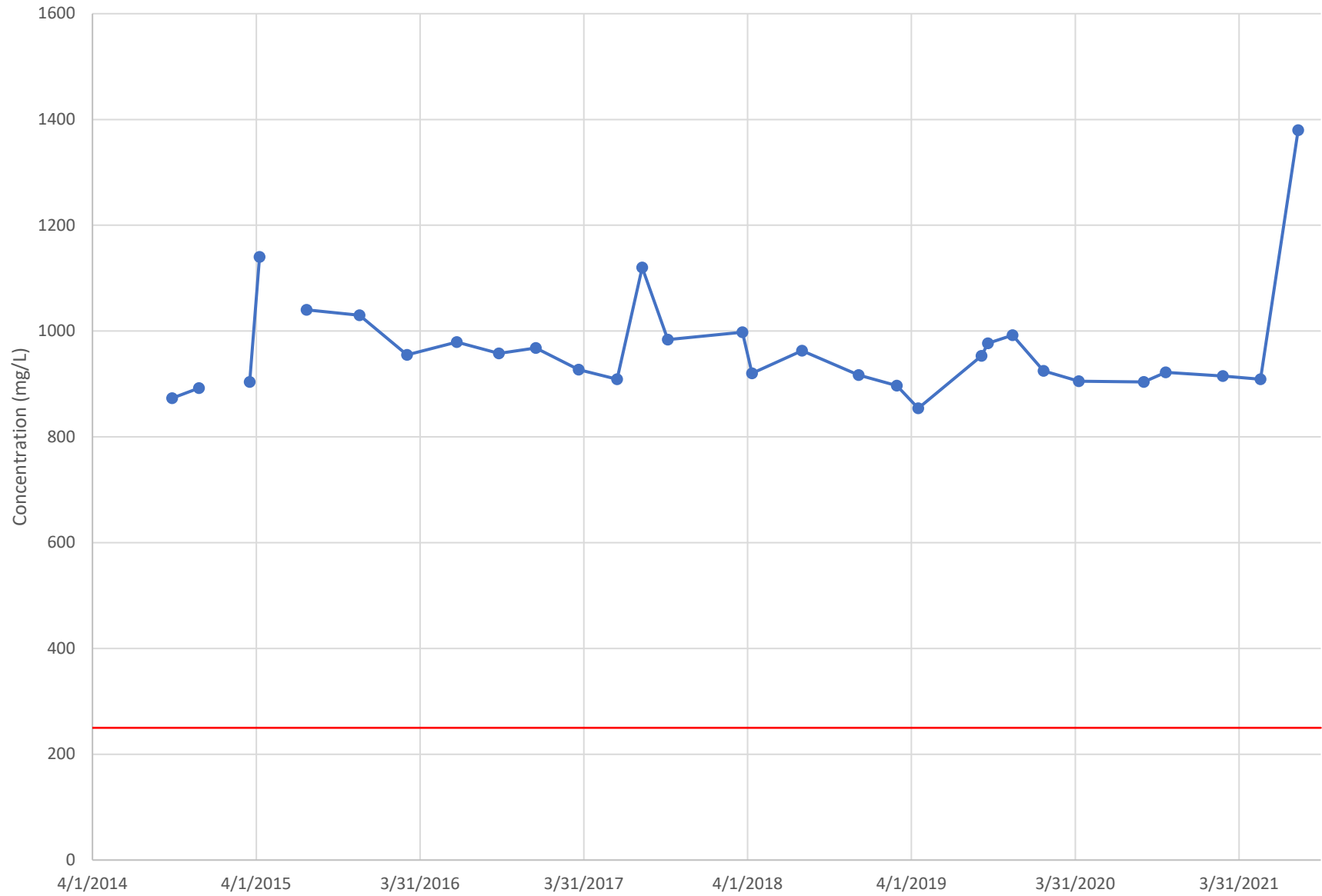


SGMW-6B



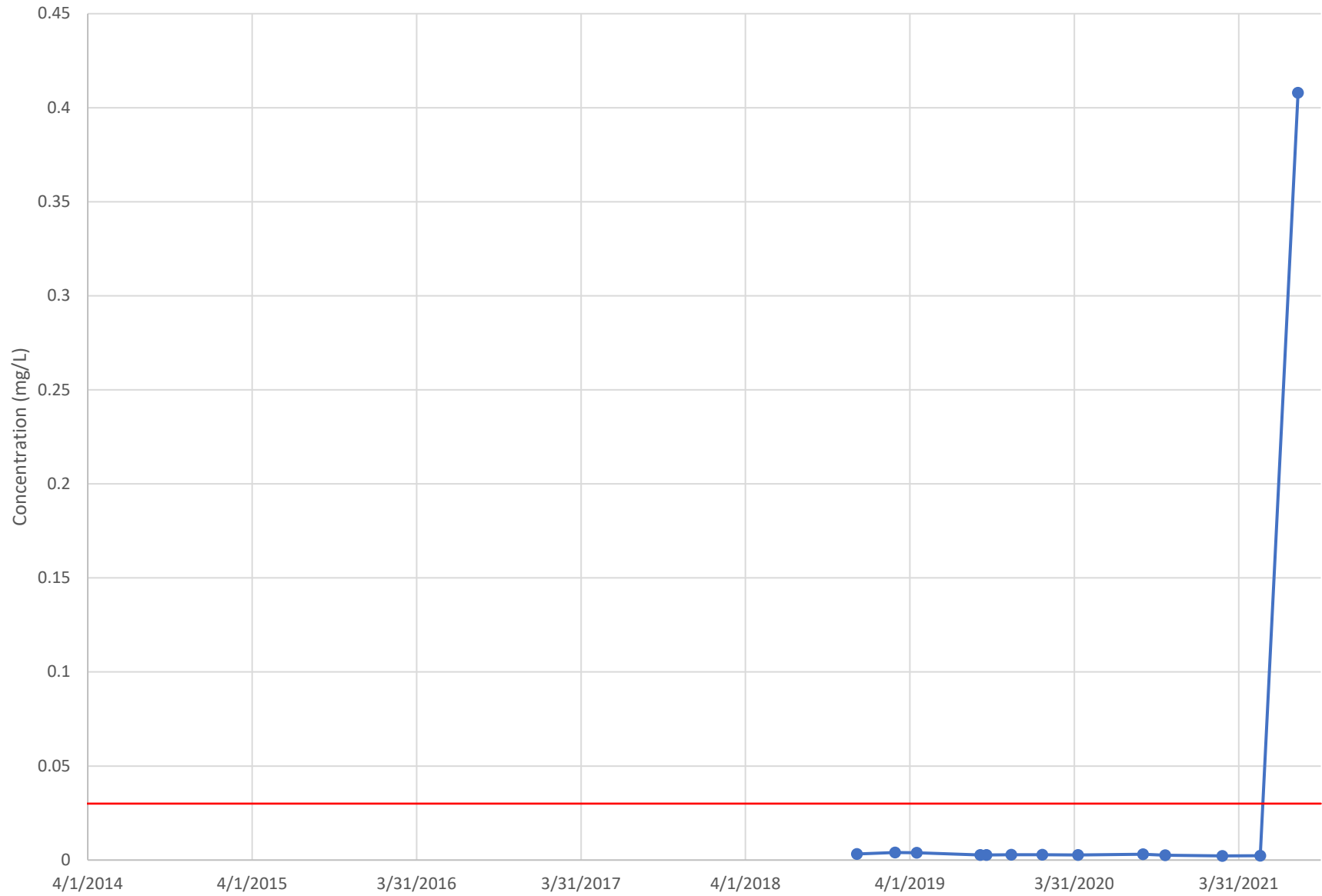
SGMW-6B

—●— Sulfate — Sulfate - TVS

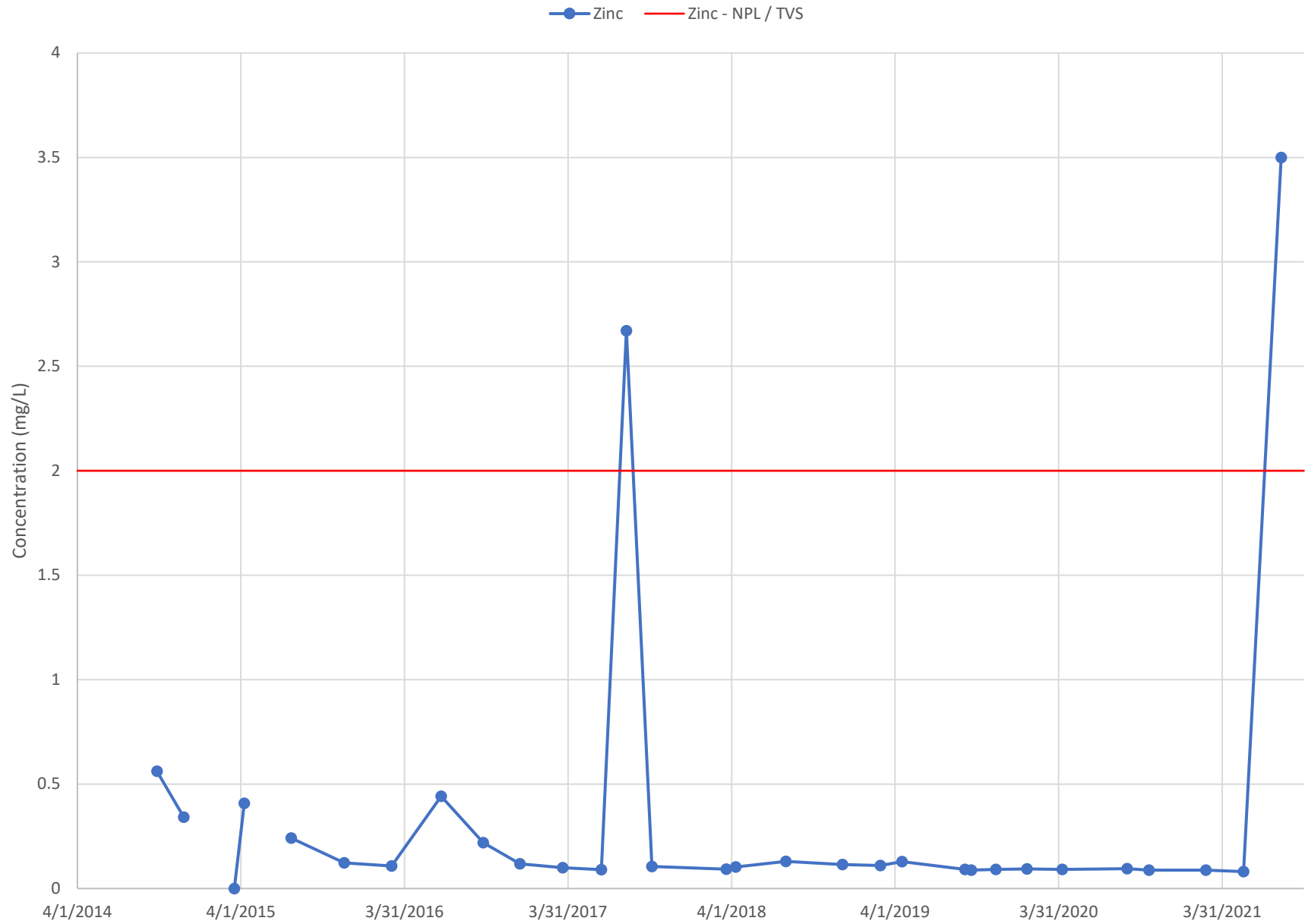


SGMW-6B

Uranium Uranium - TVS

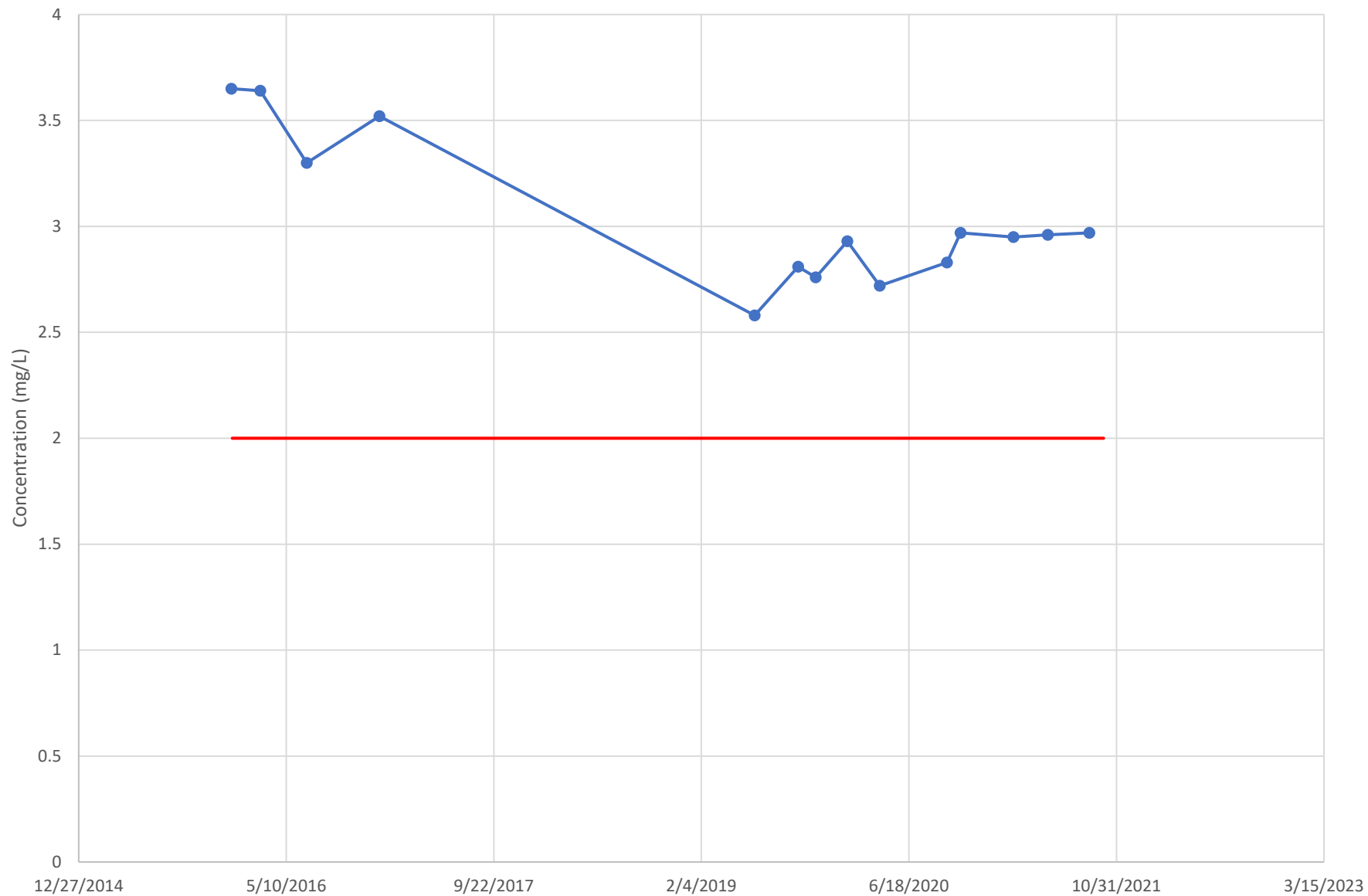


SGMW-6B

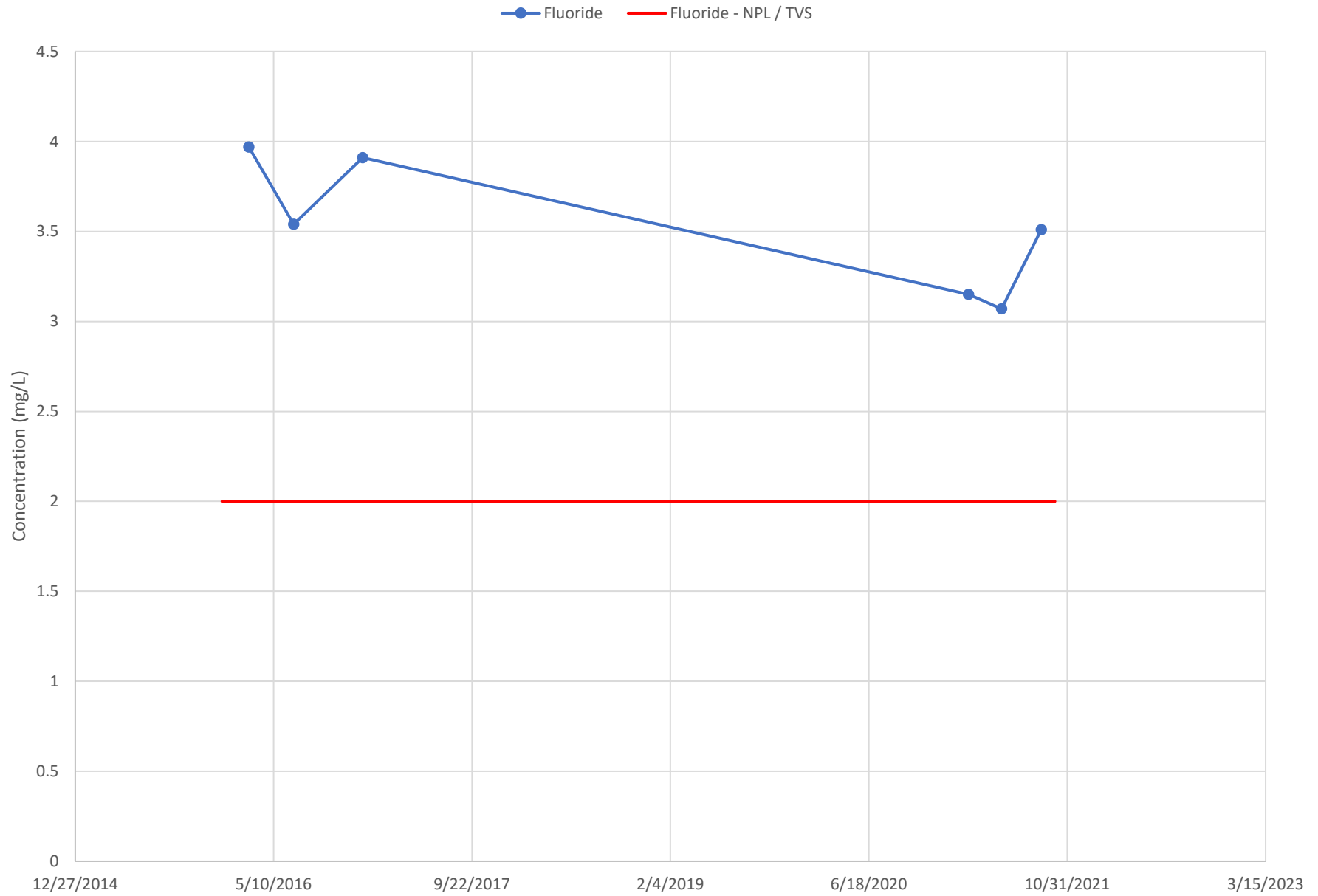


CRMW-5B

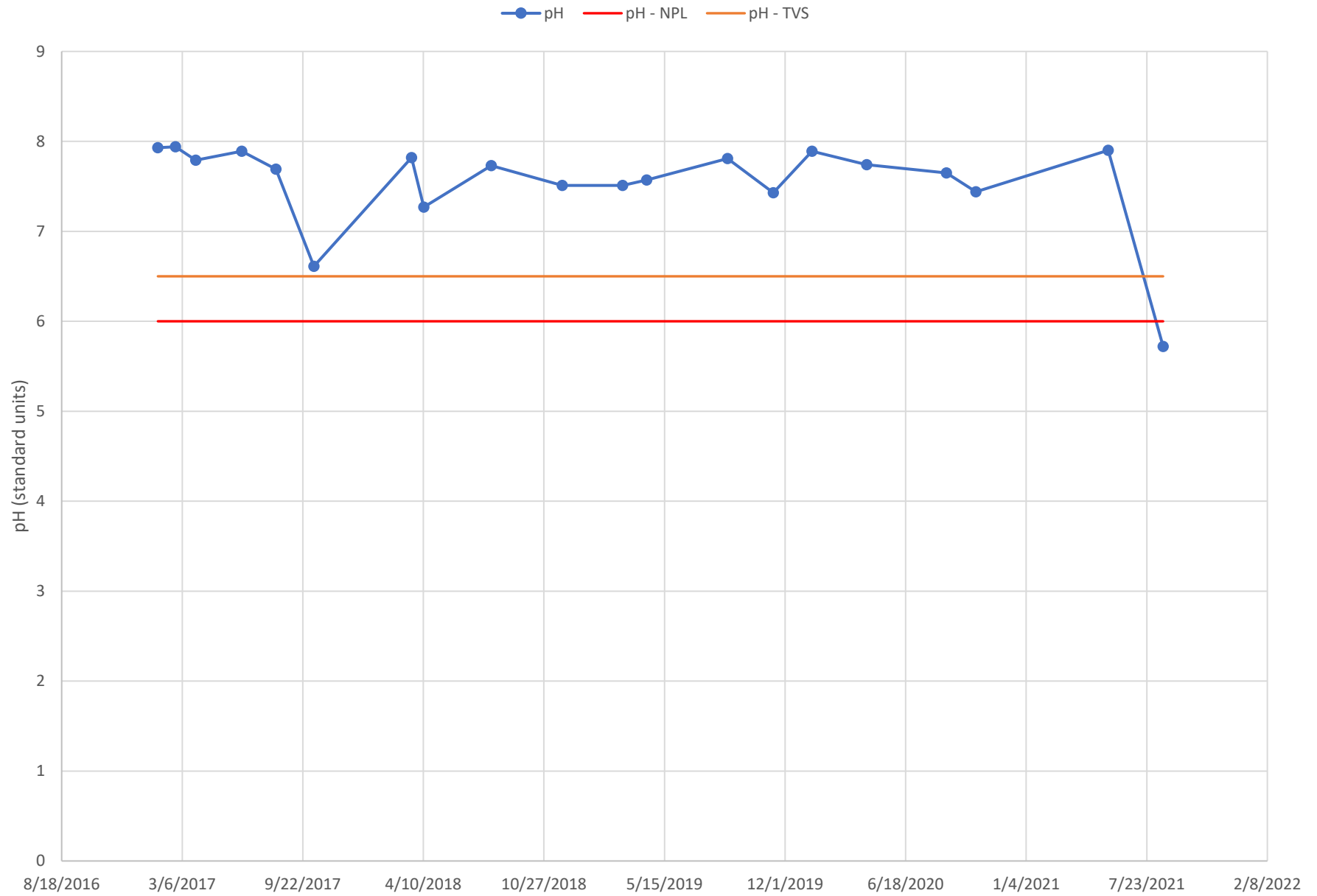
Fluoride Fluoride - NPL / TVS



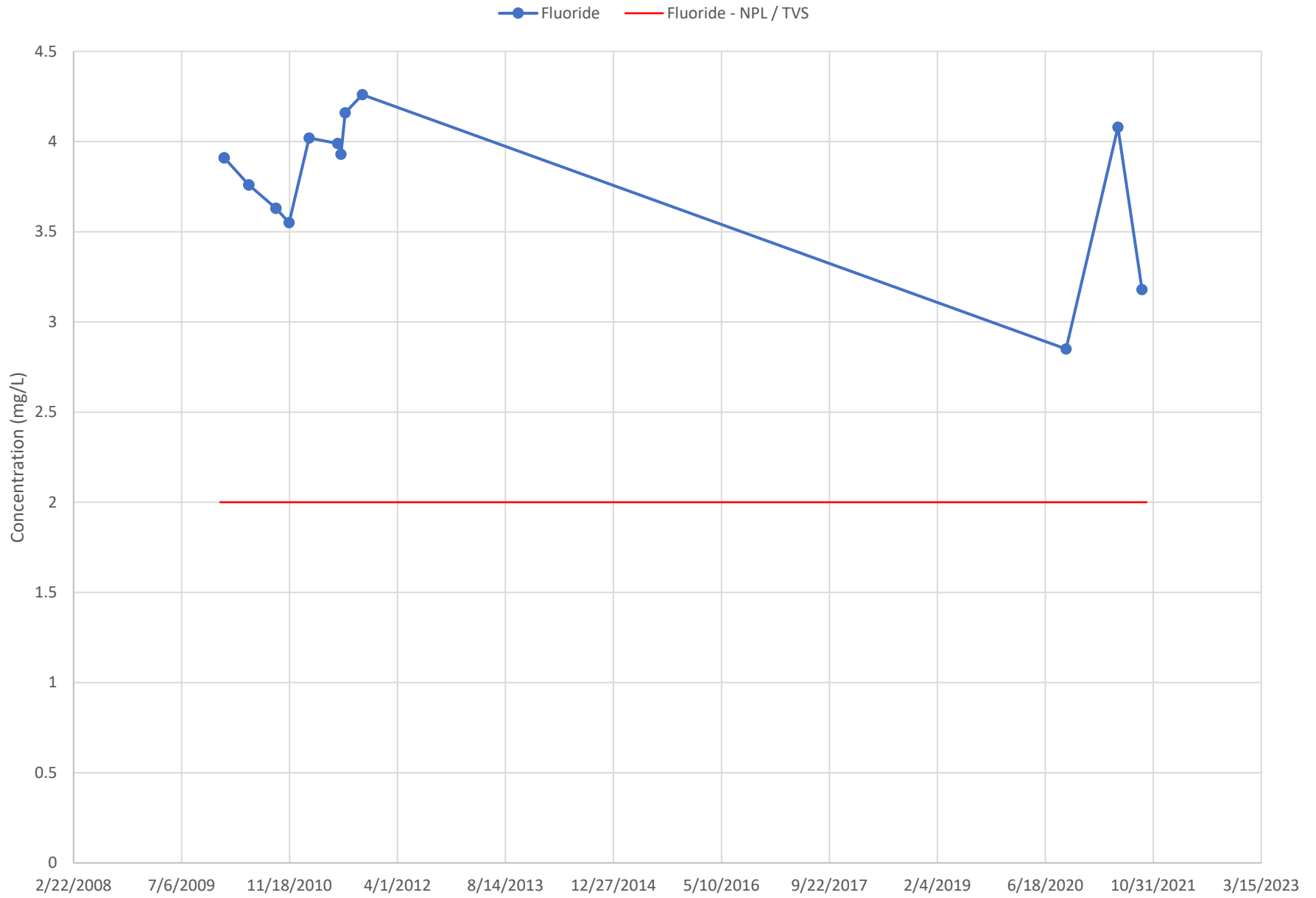
CRMW-5D



GVMW-22A

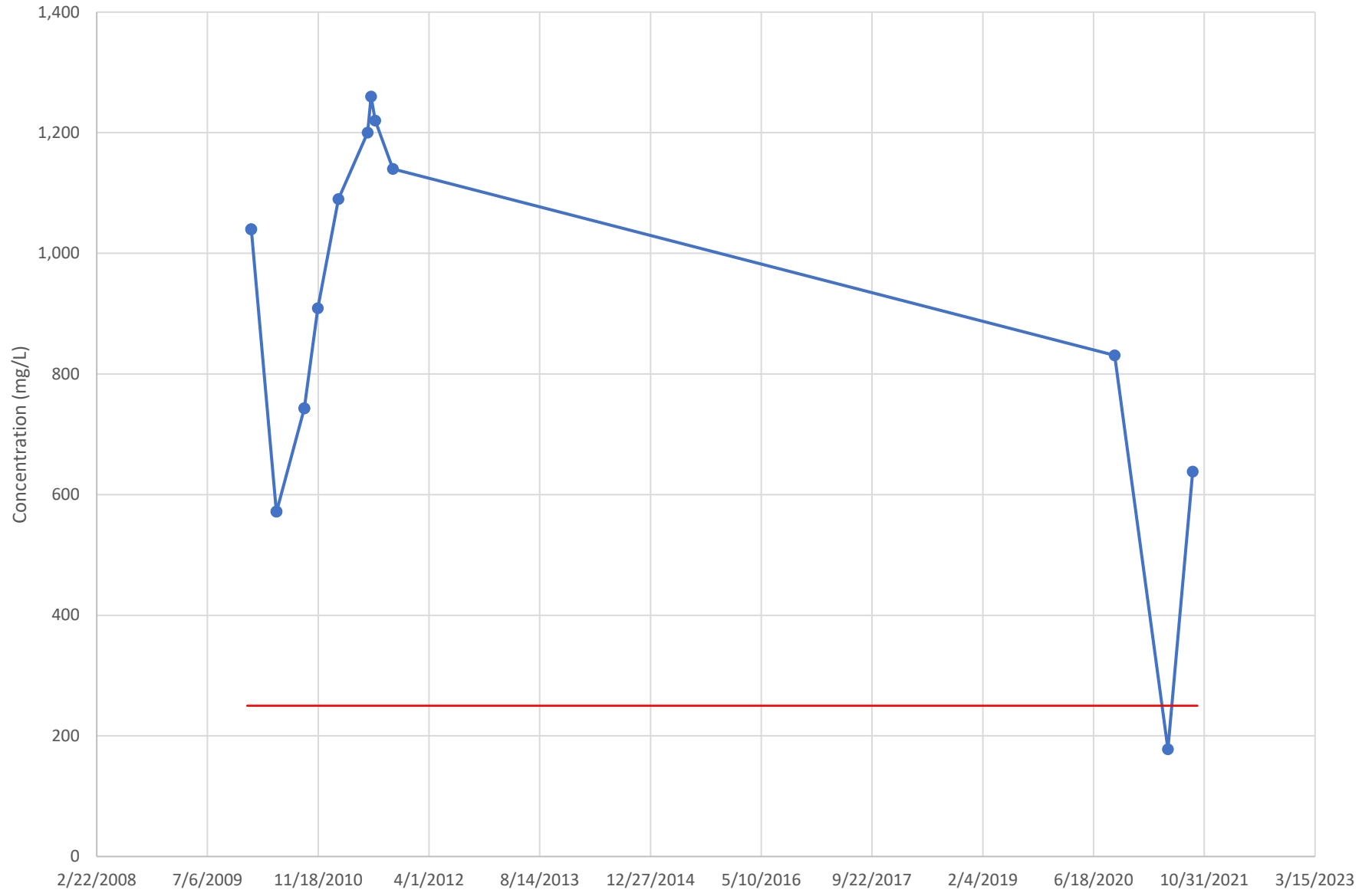


CRMW-3A



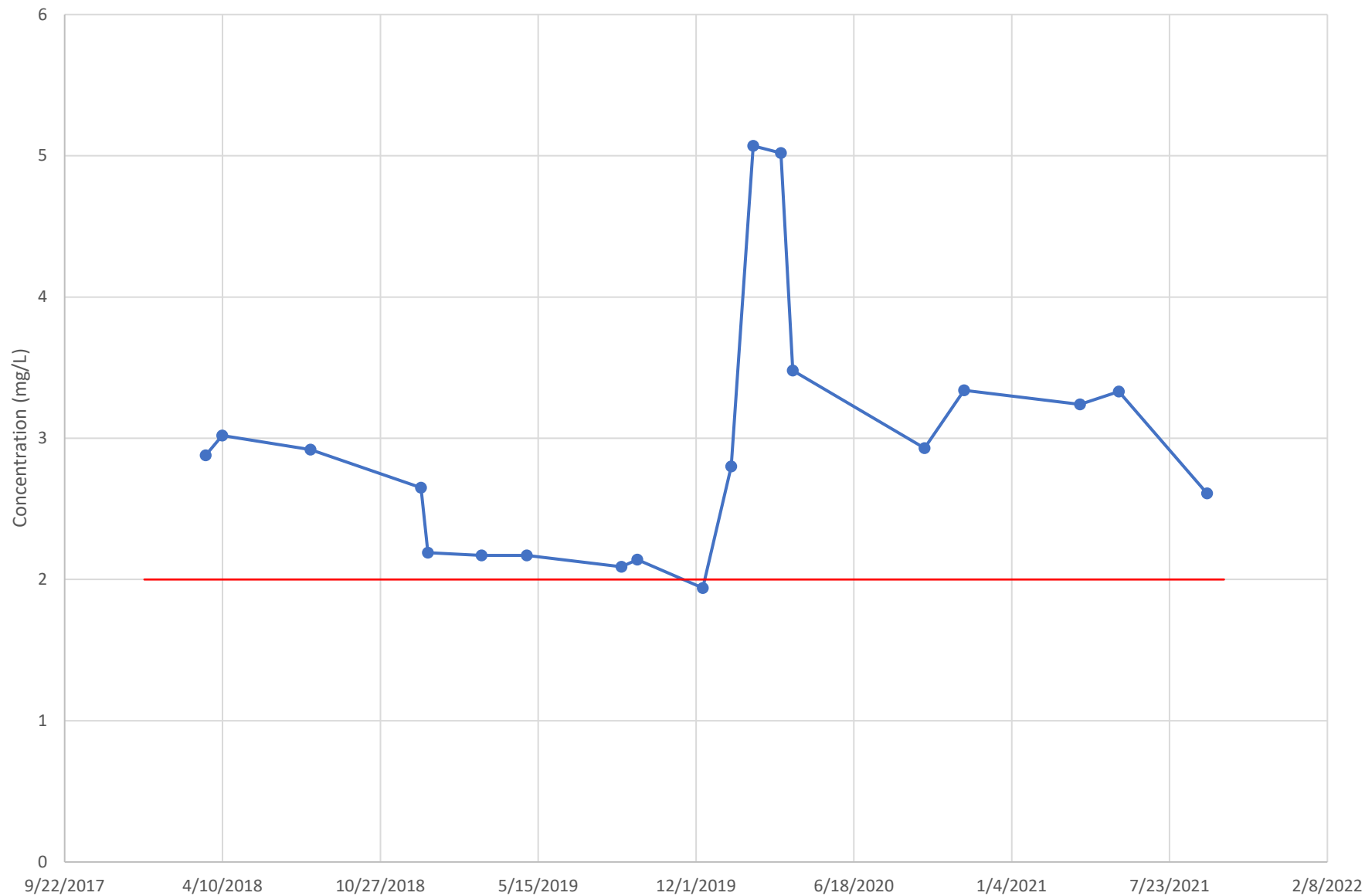
CRMW-3A

—●— Sulfate — Sulfate - TVS

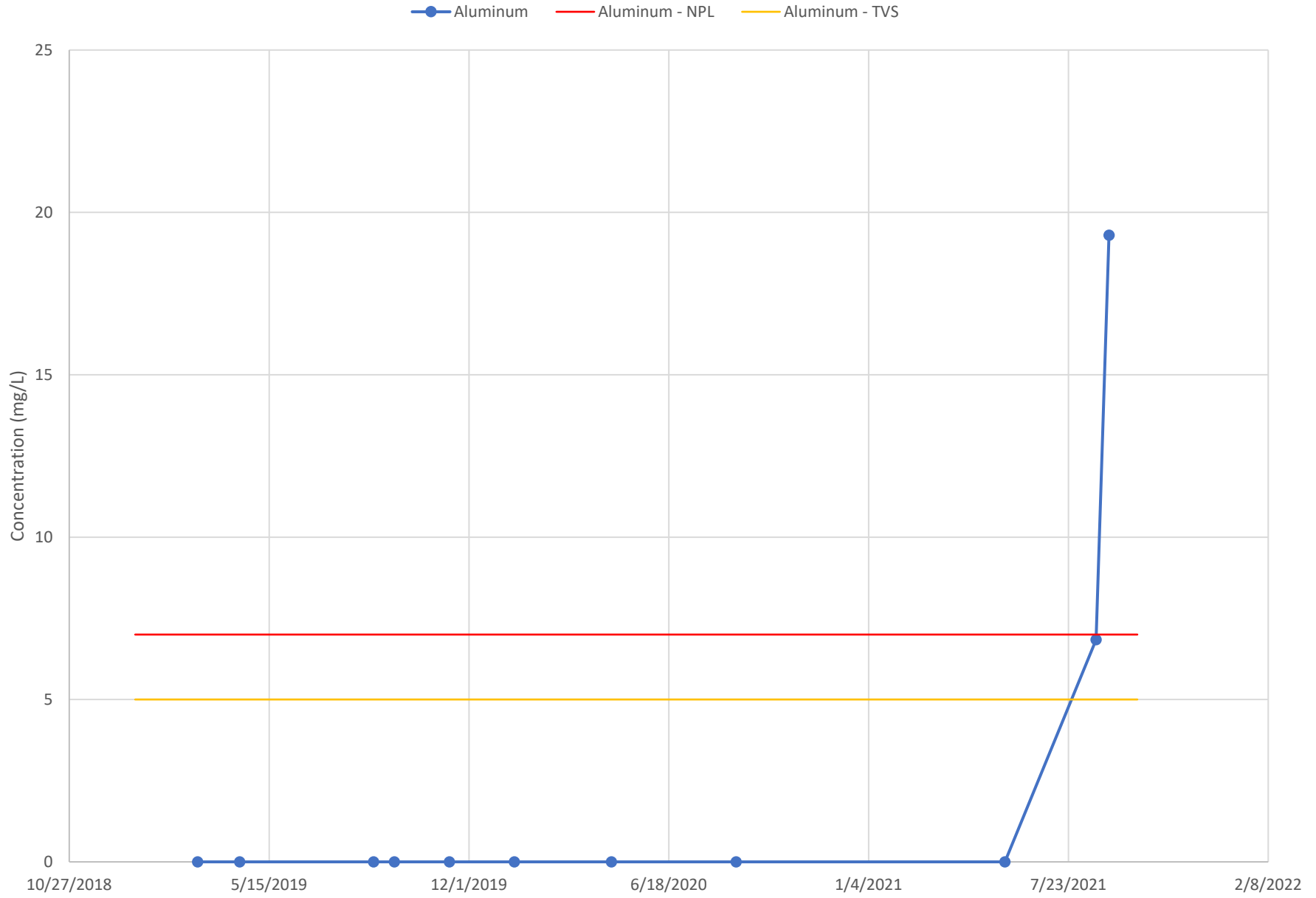


CRMW-3B

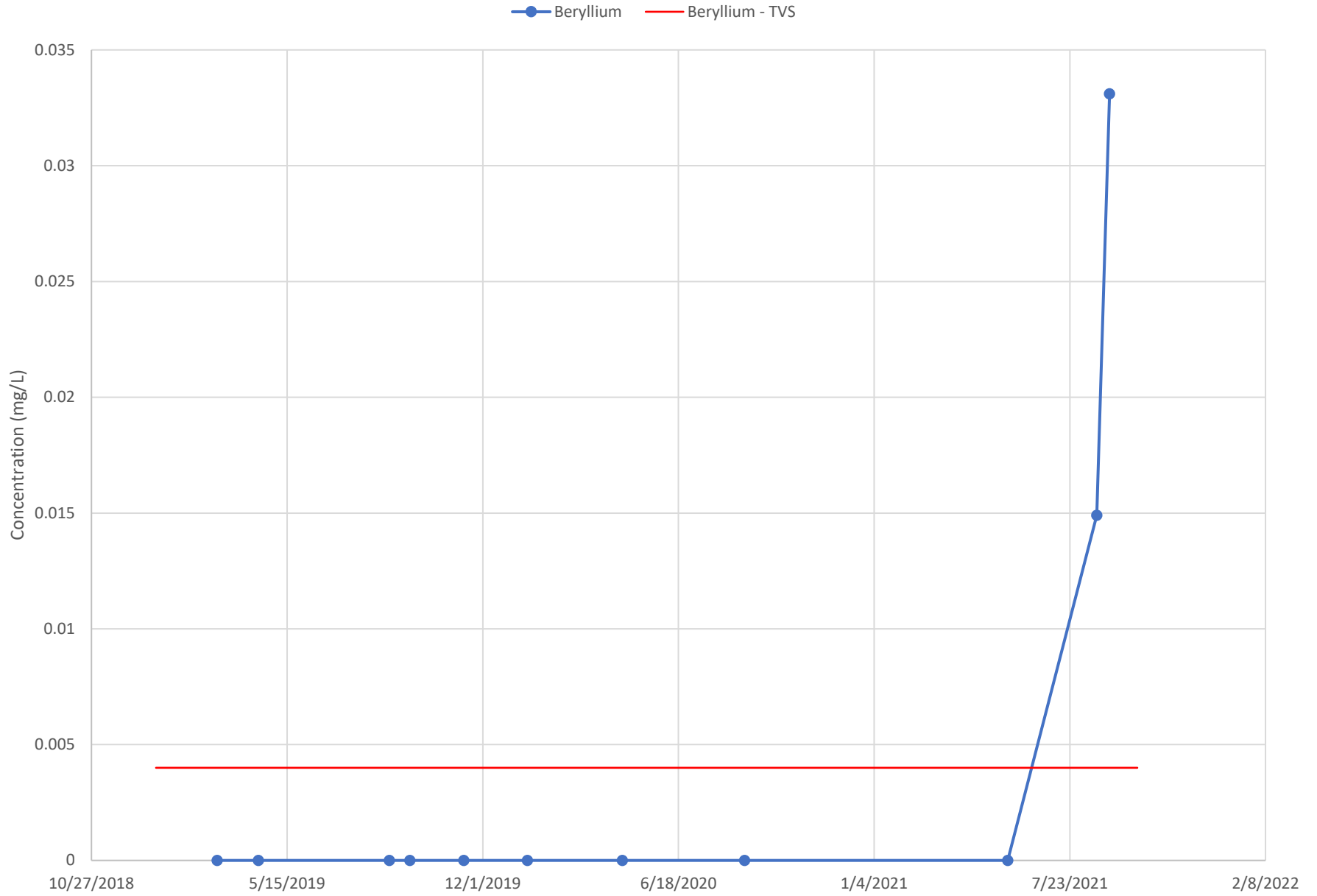
Fluoride Fluoride - NPL / TVS



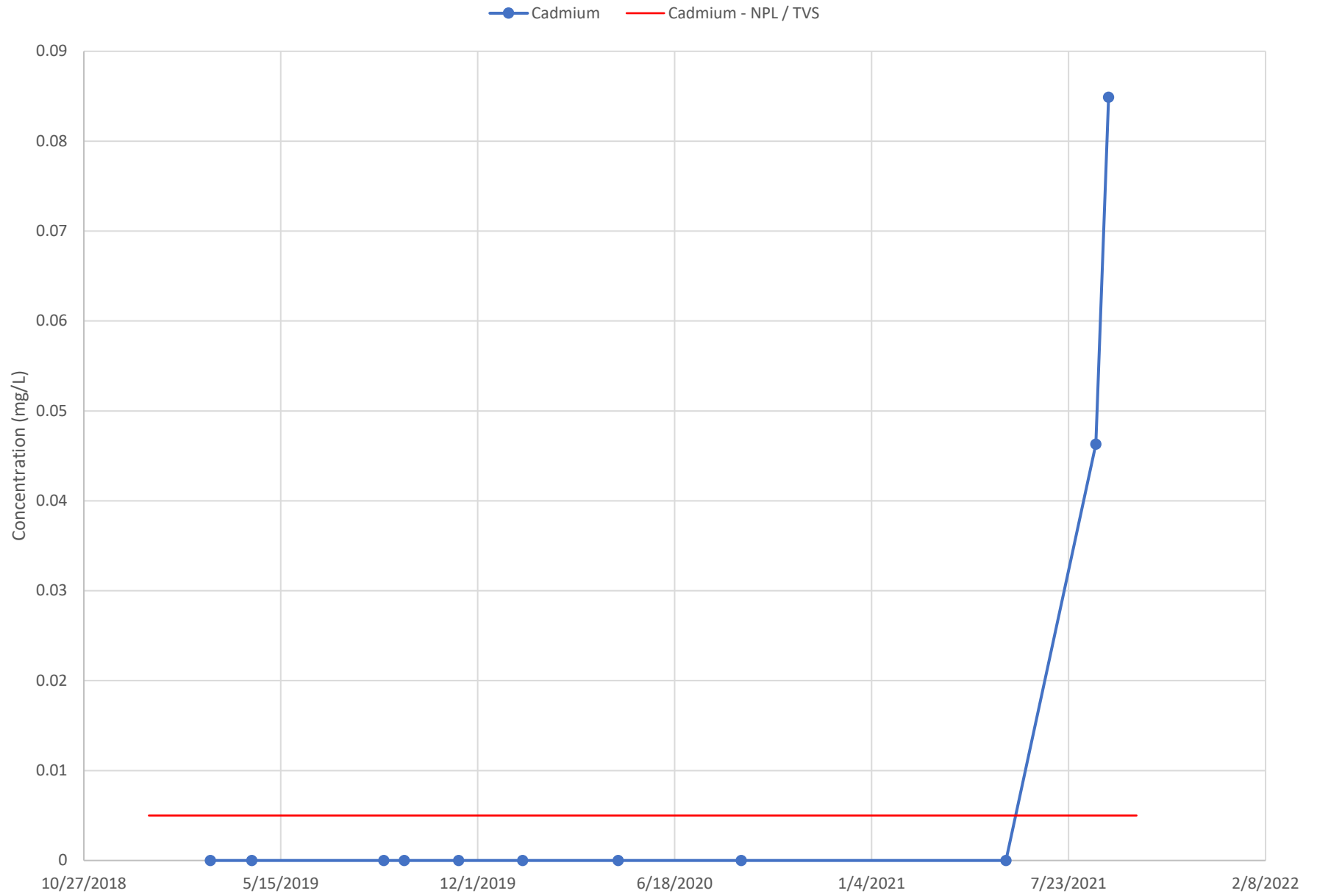
GVMW-25



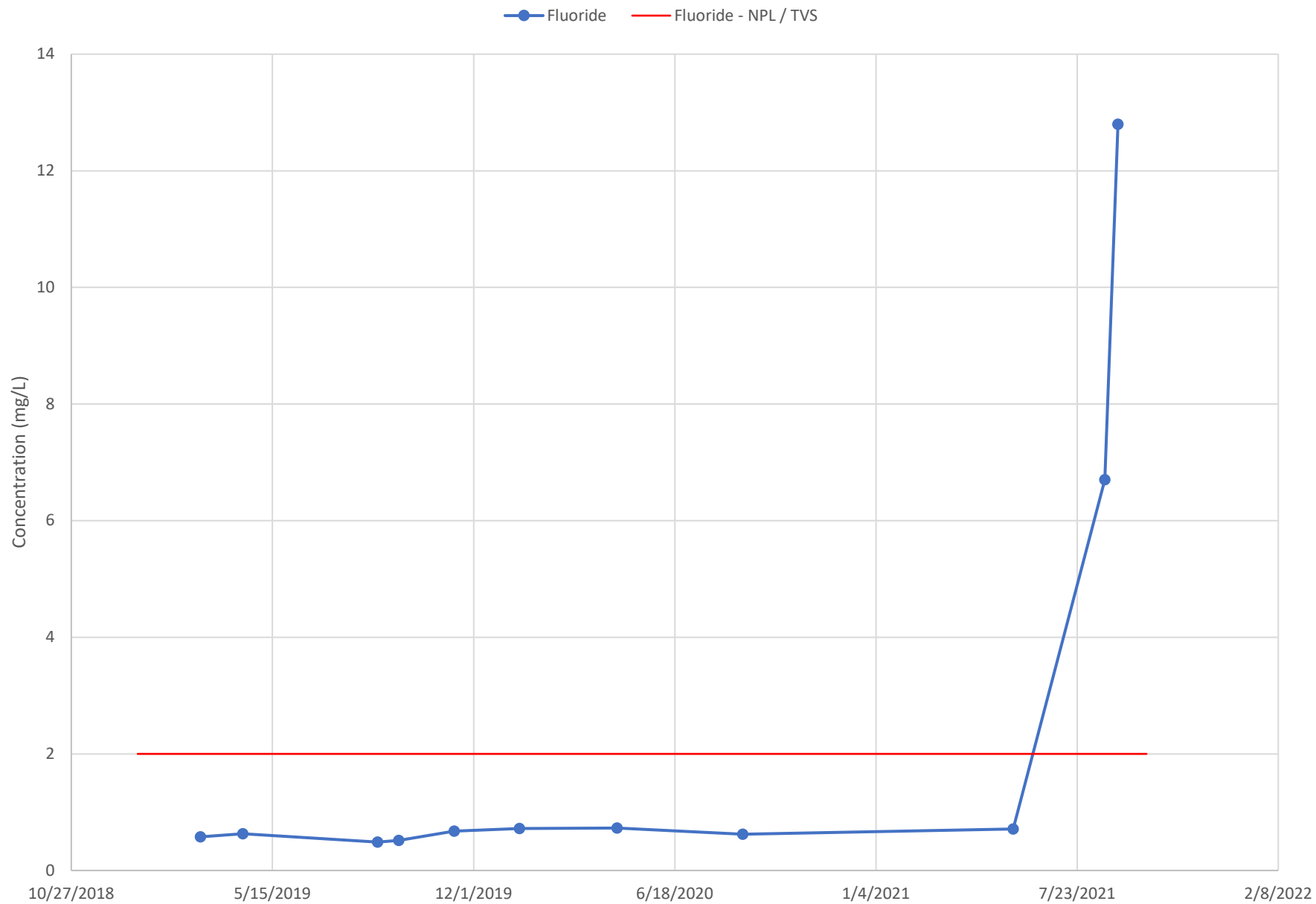
GVMW-25



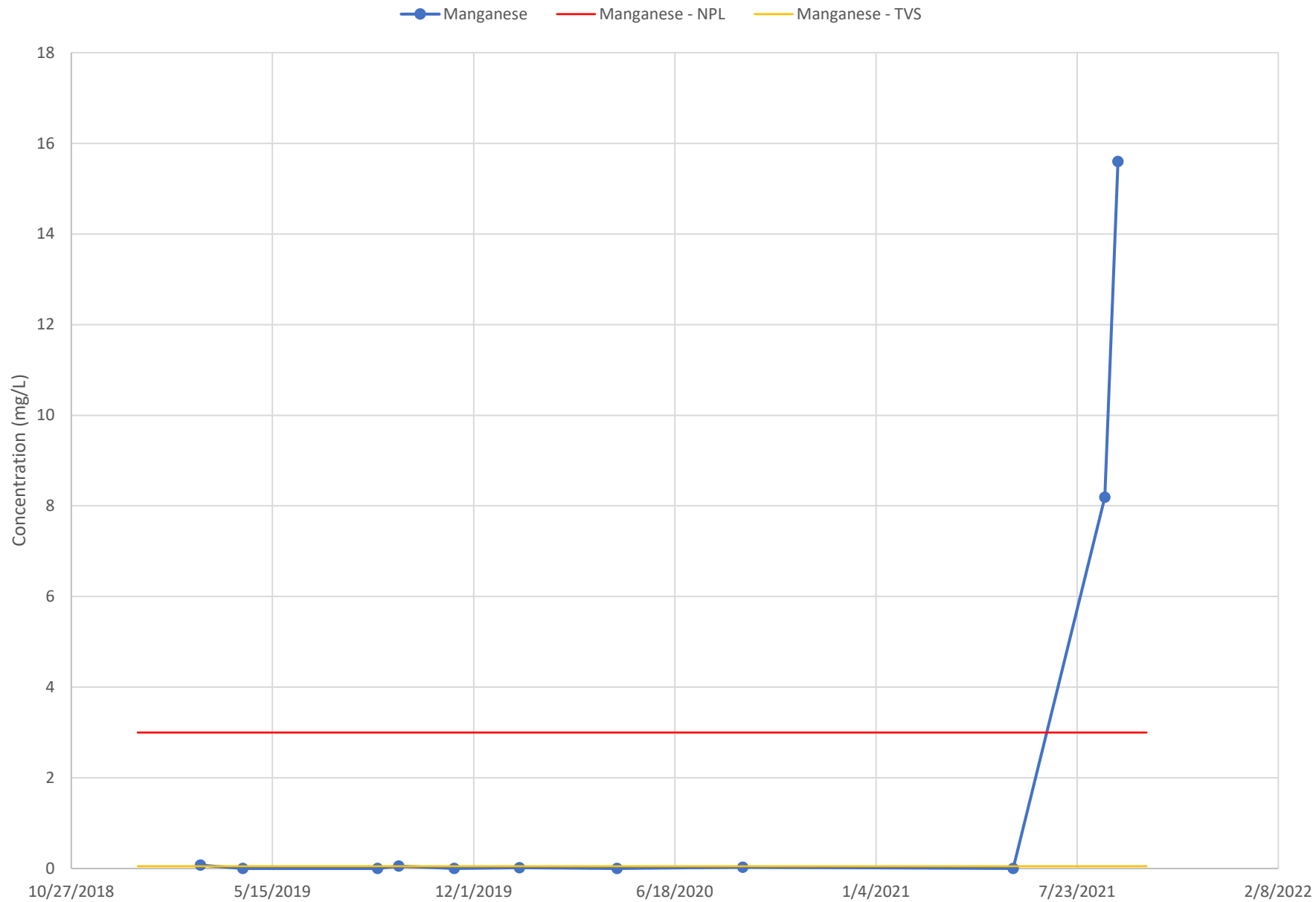
GVMW-25



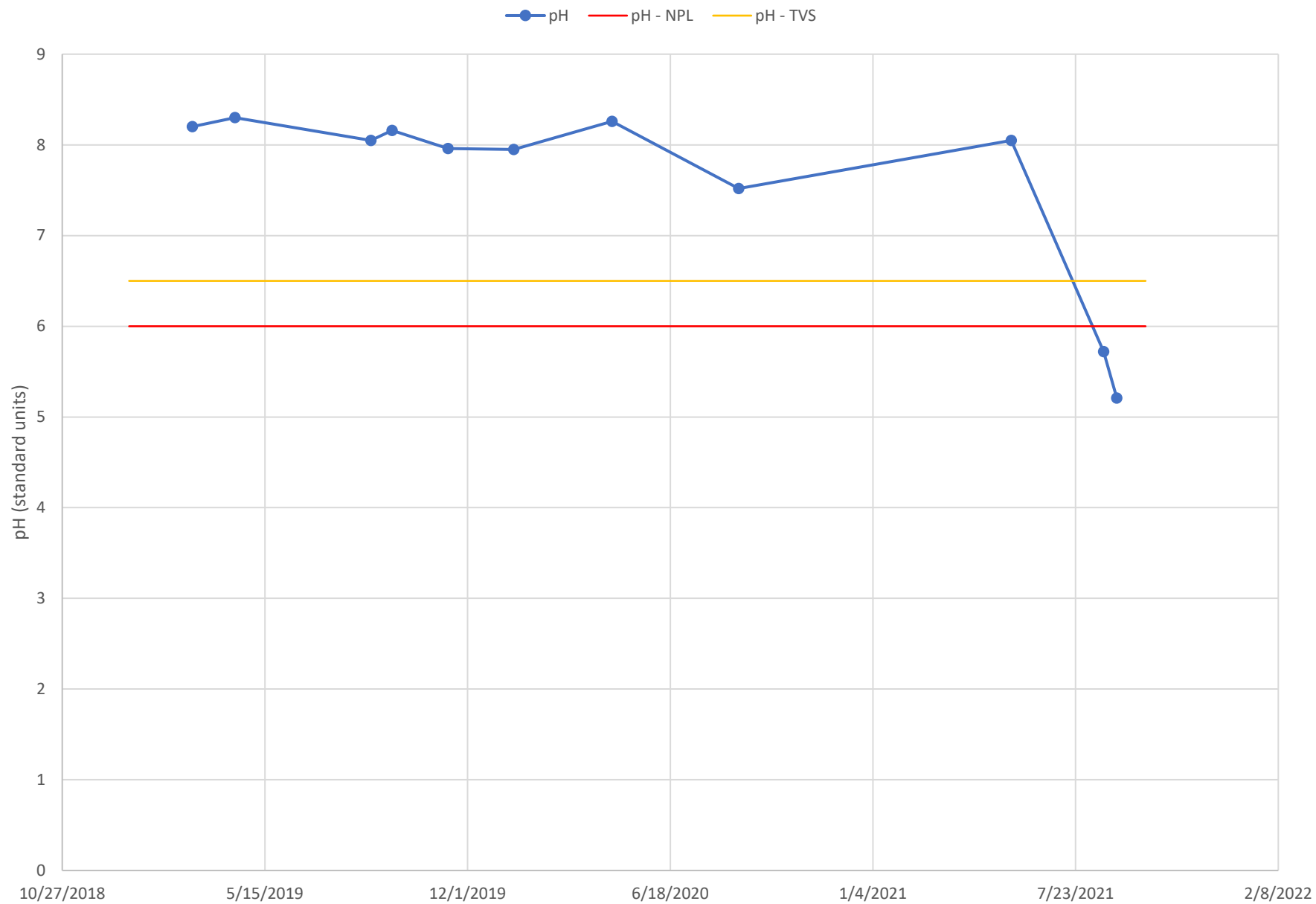
GVMW-25



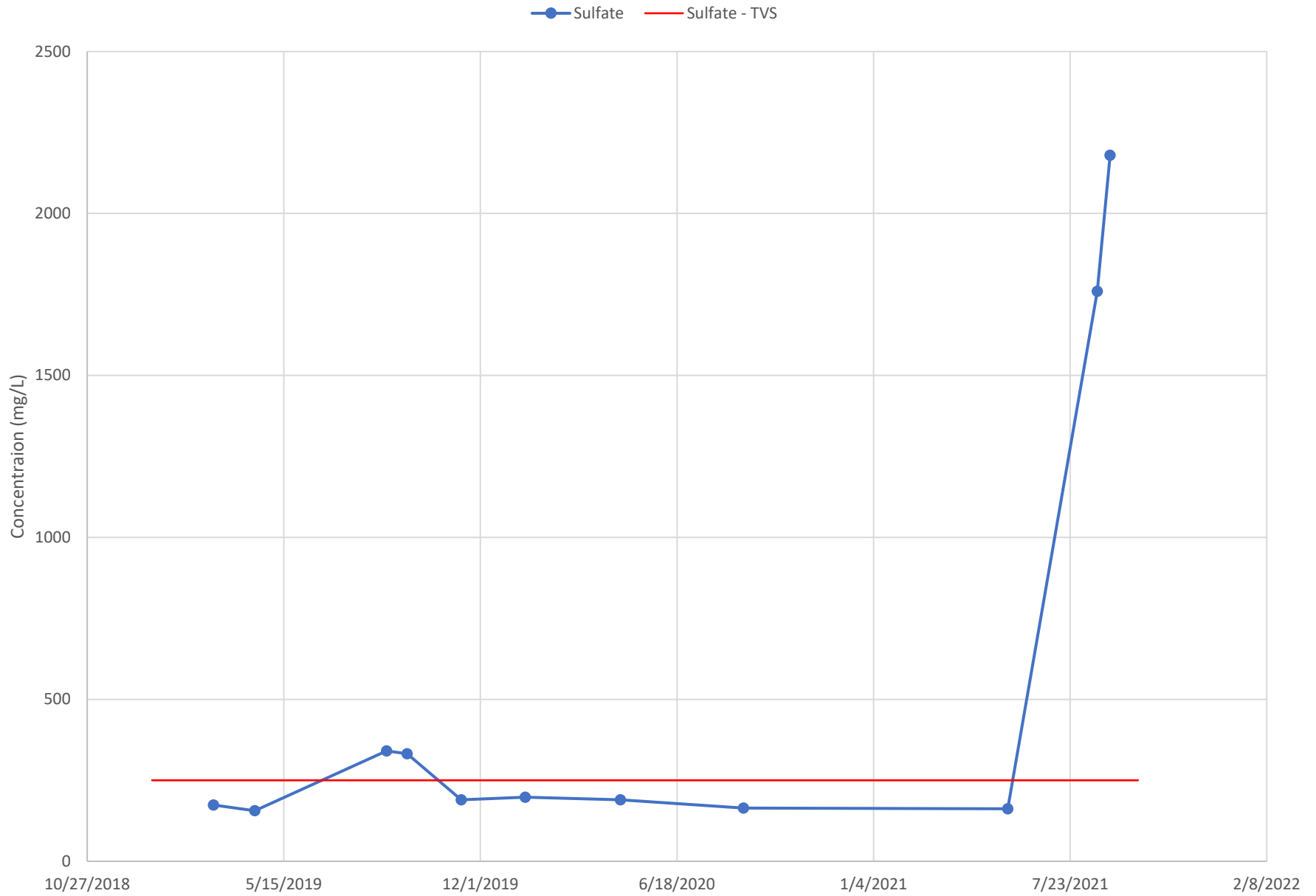
GVMW-25



GVMW-25

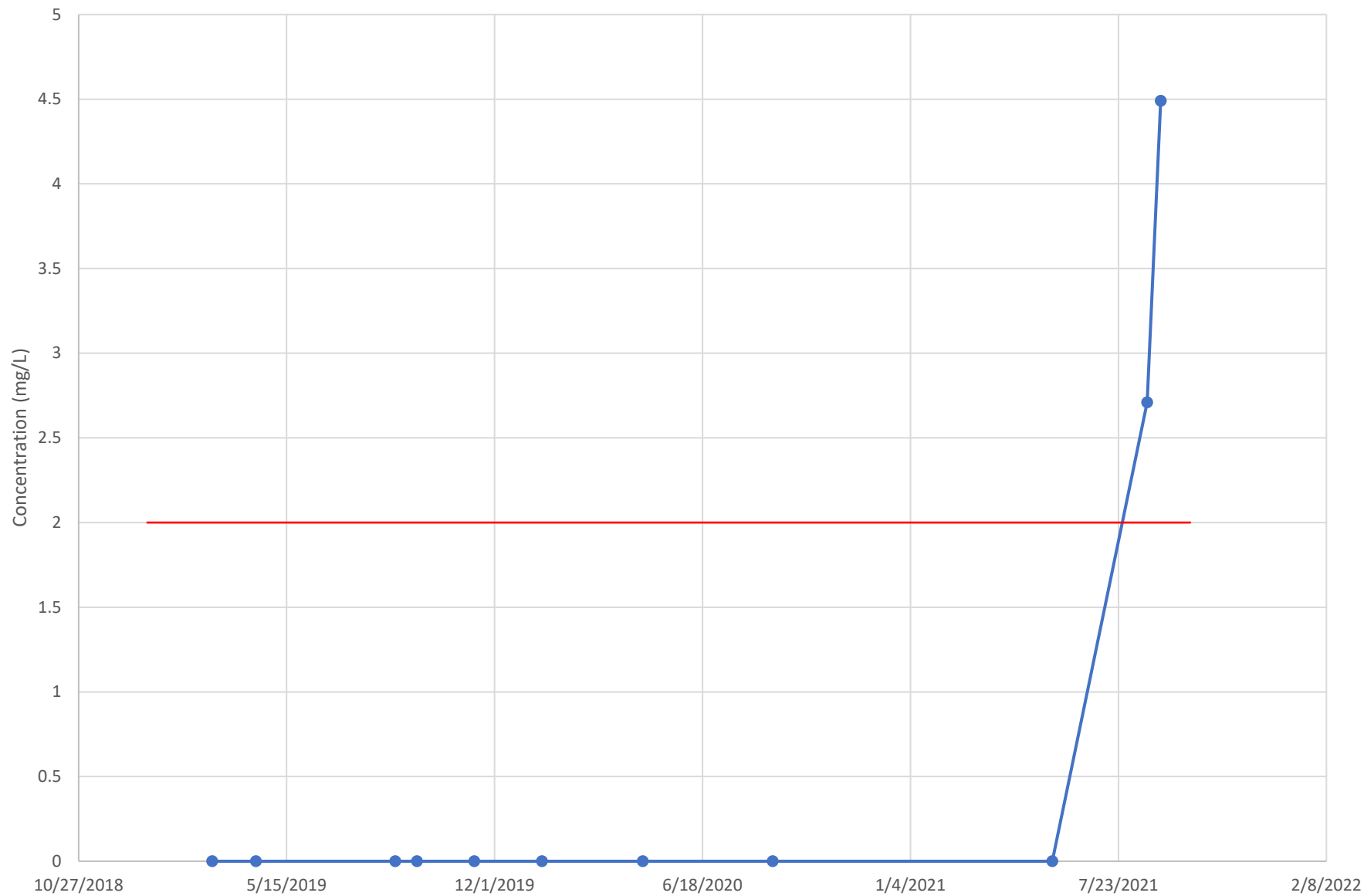


GVMW-25



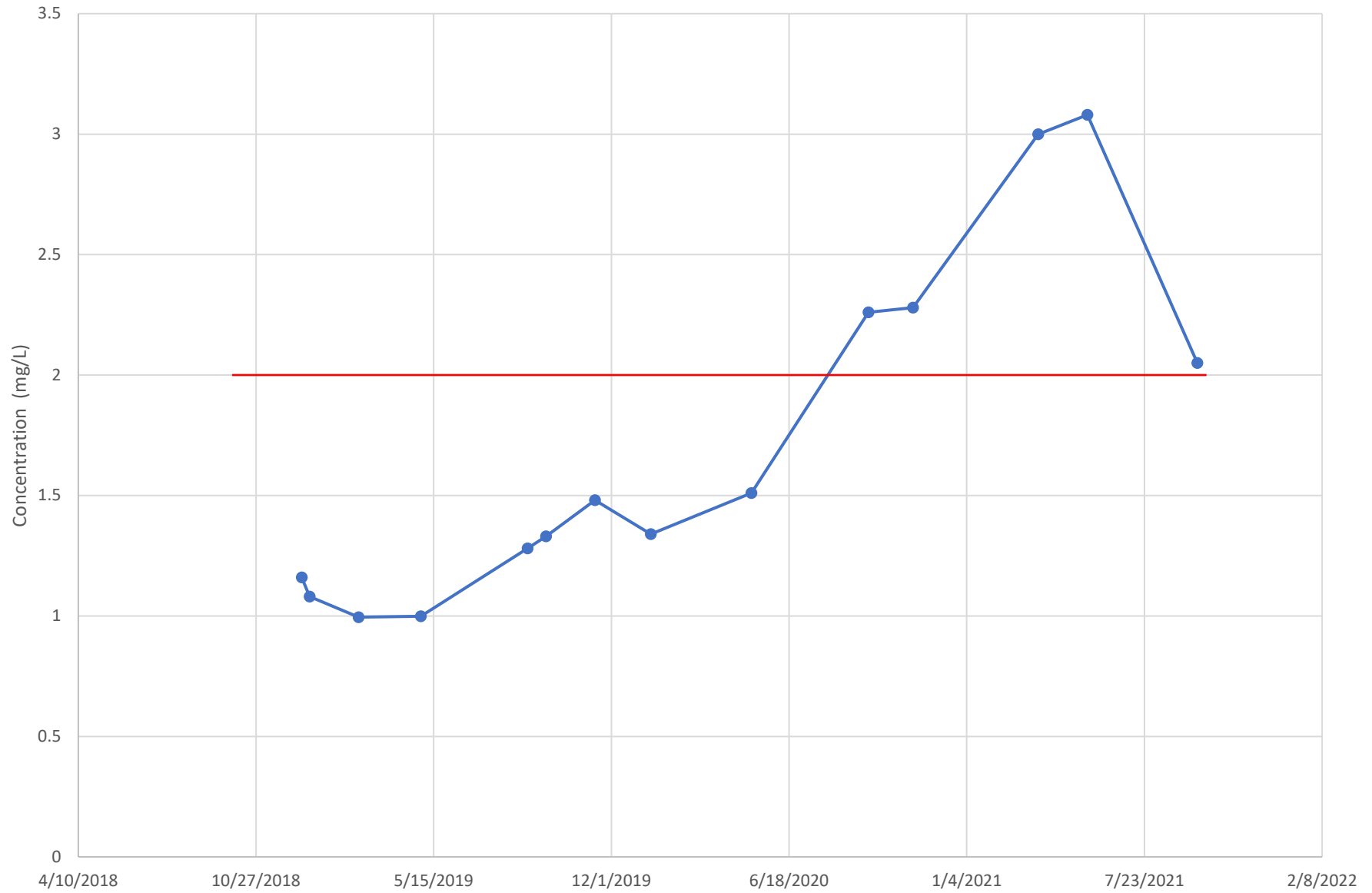
GVMW-25

—●— Zinc — Zinc - NPL / TVS



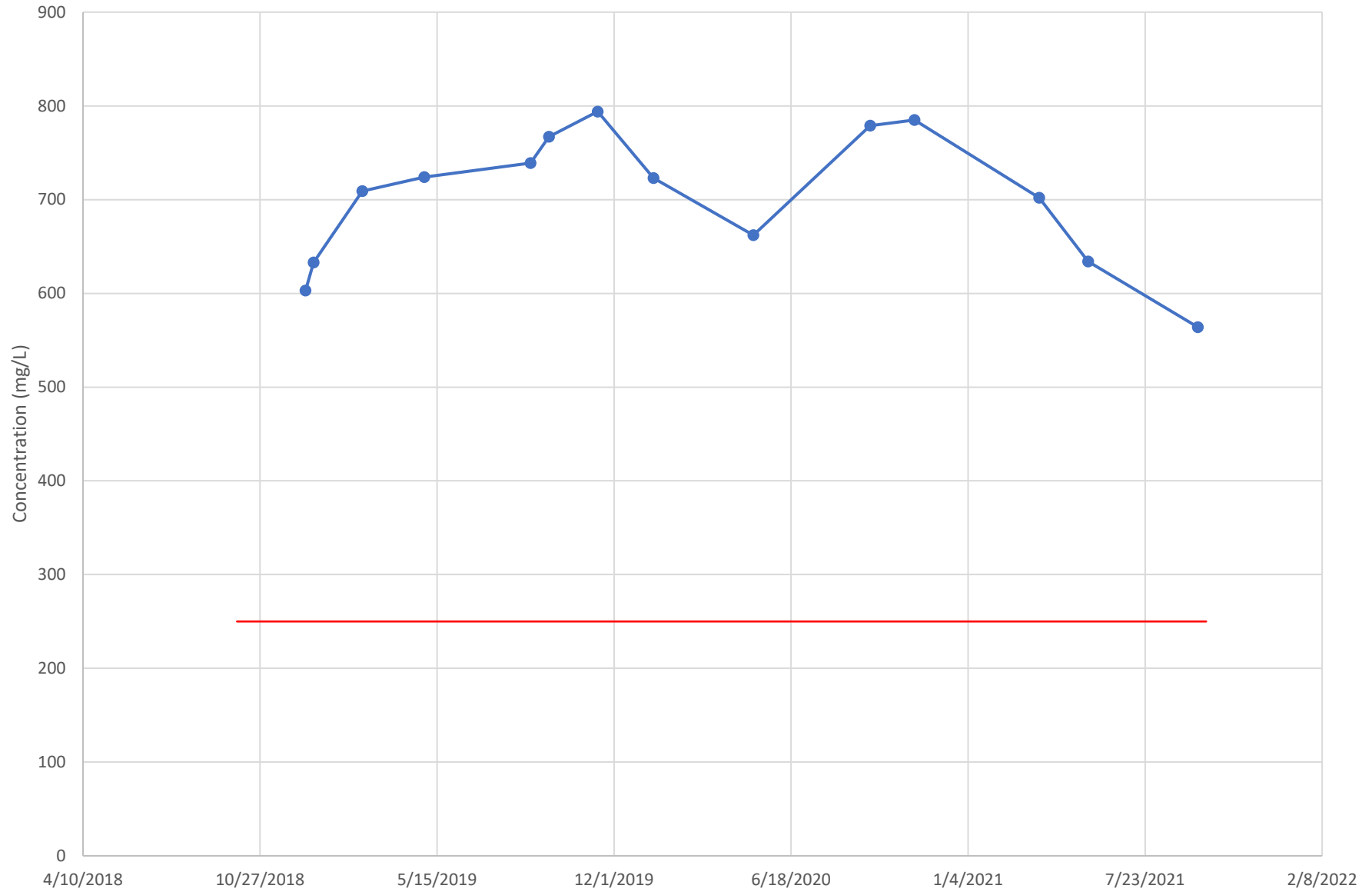
CRMW-3C

Fluoride Fluoride - NPL / TVS



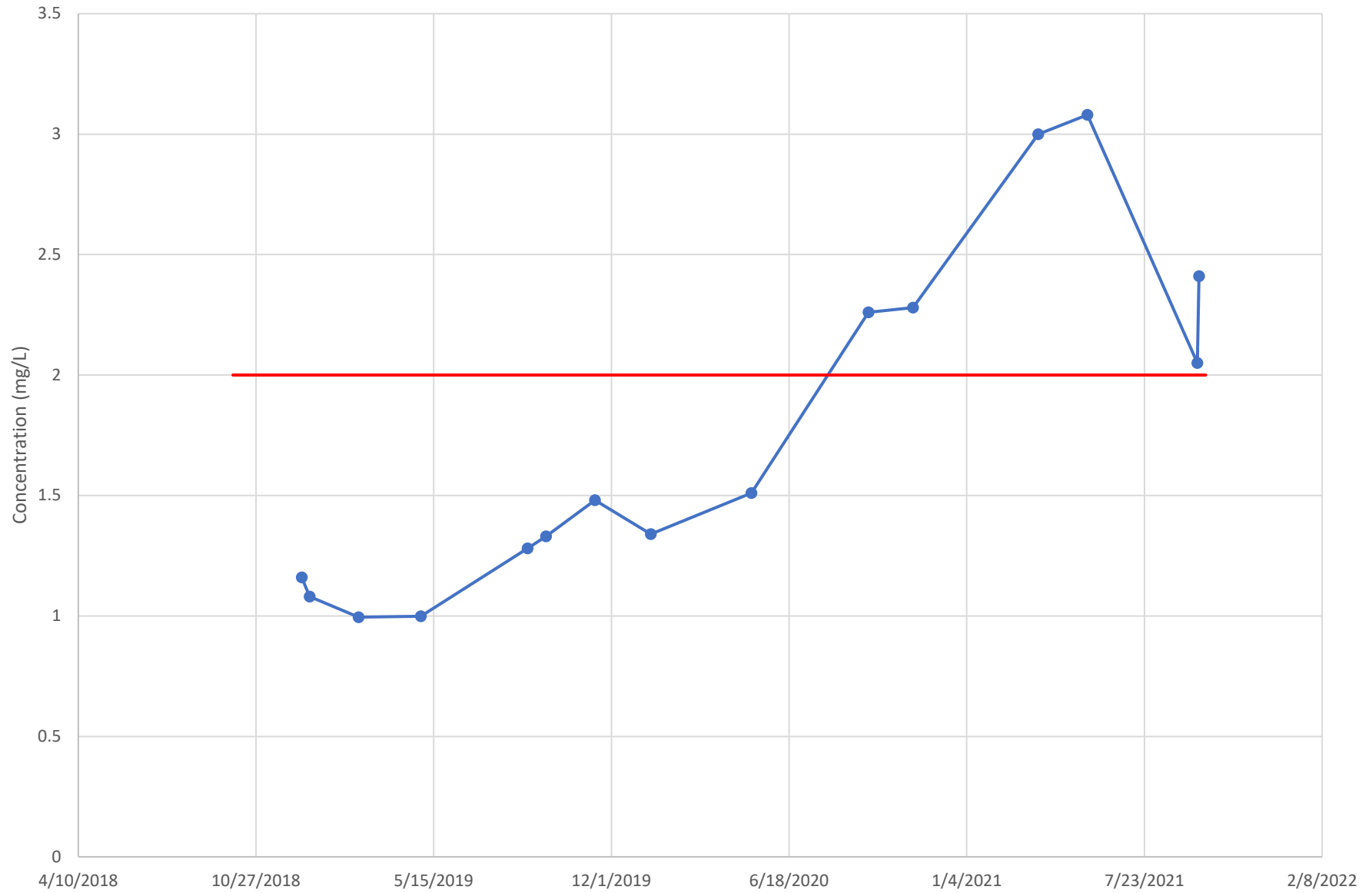
CRMW-3C

Sulfate Sulfate - TVS



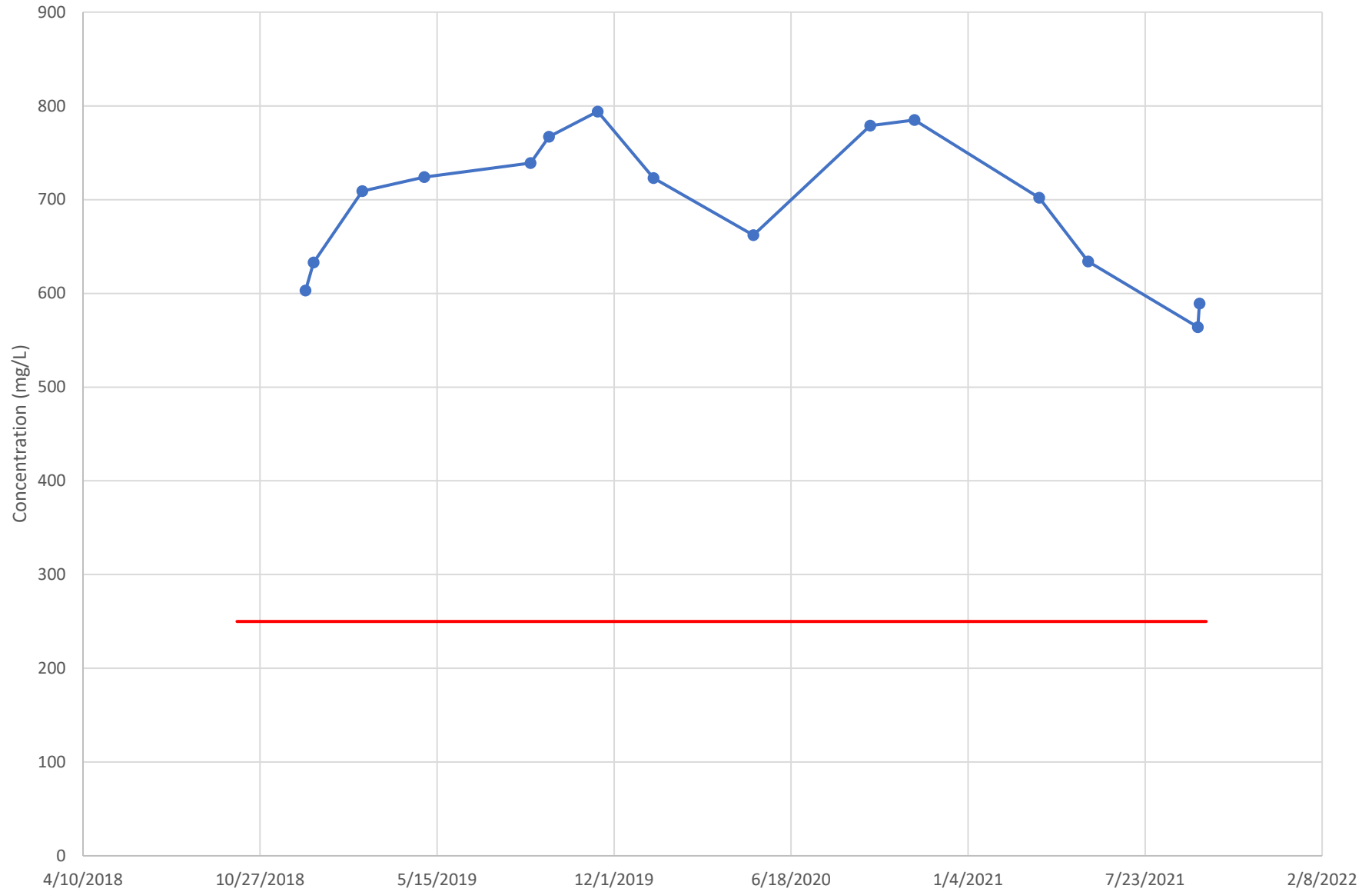
CRMW-3C

Fluoride Fluoride - NPL / TVS

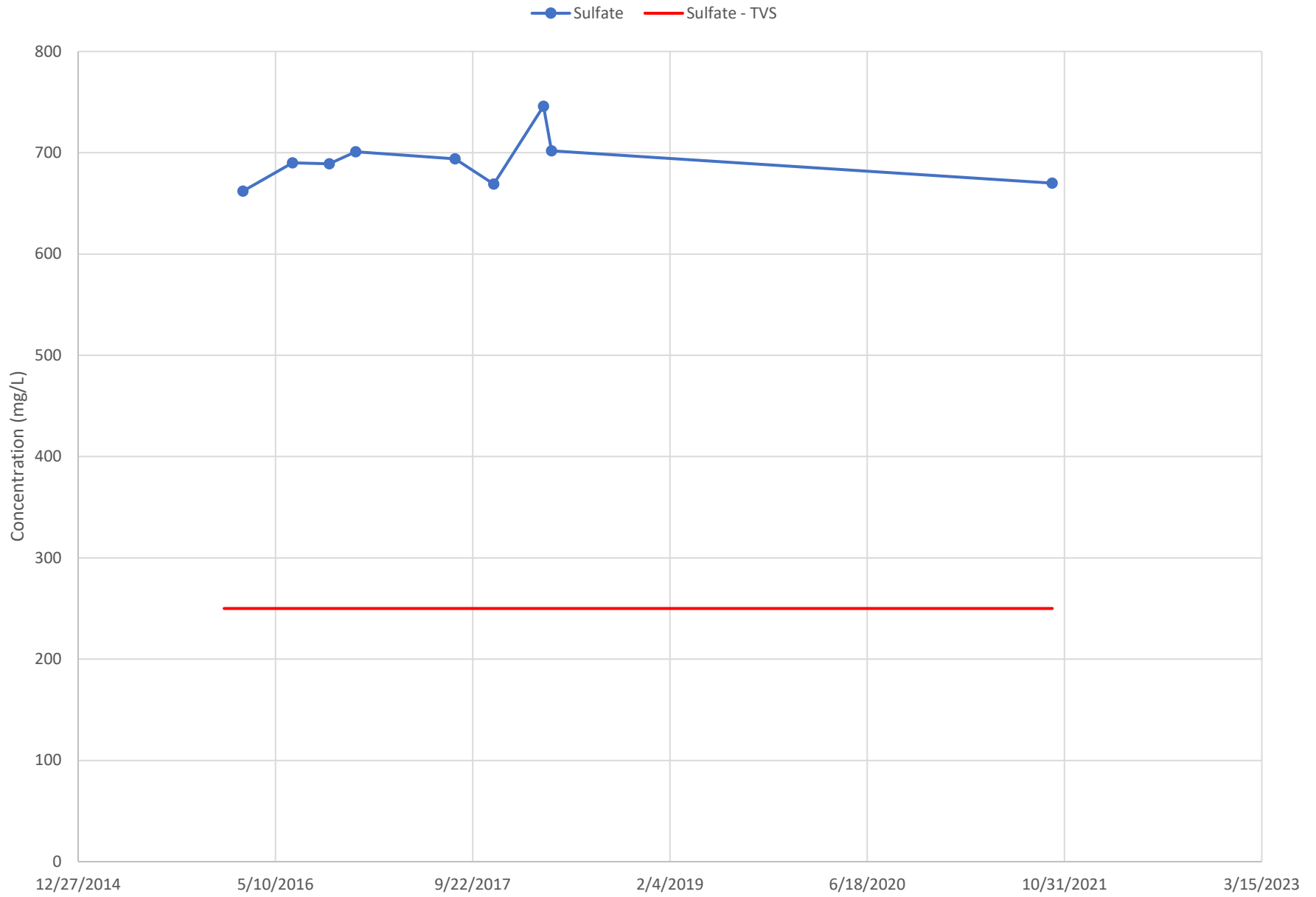


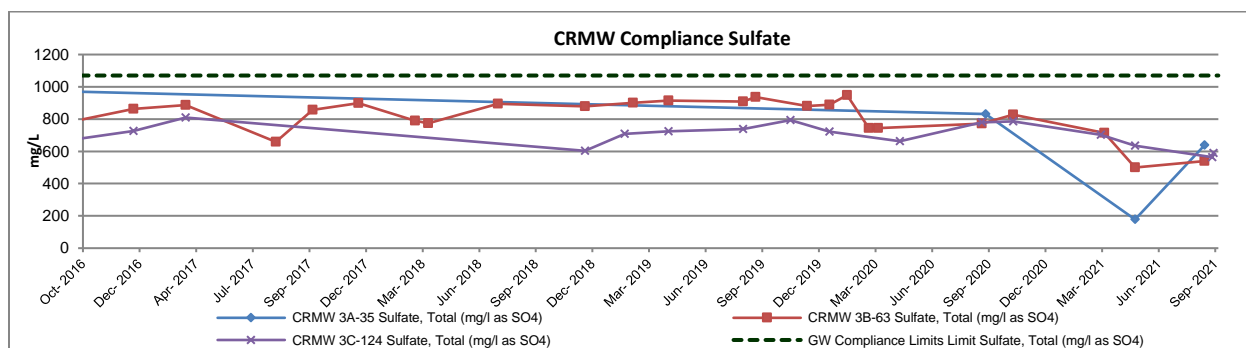
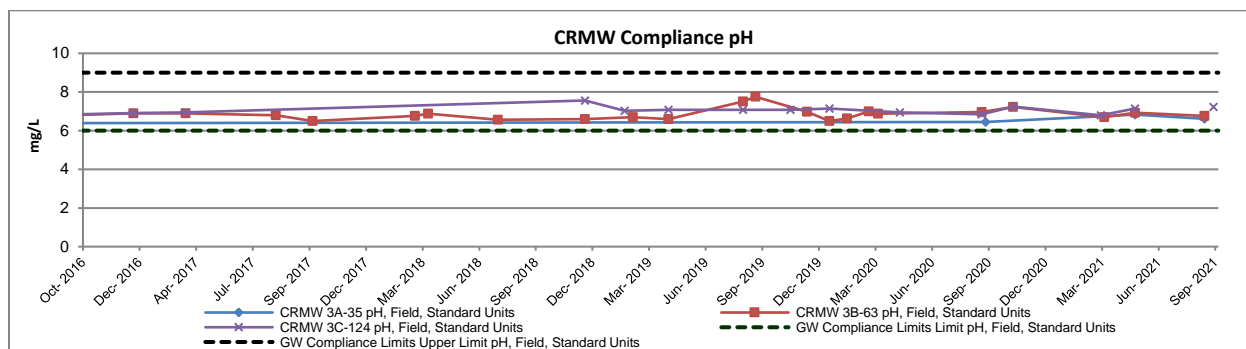
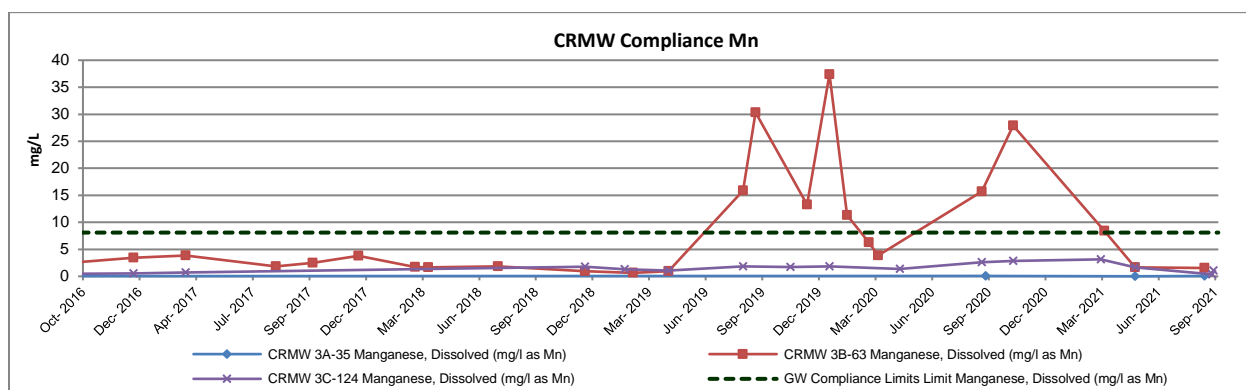
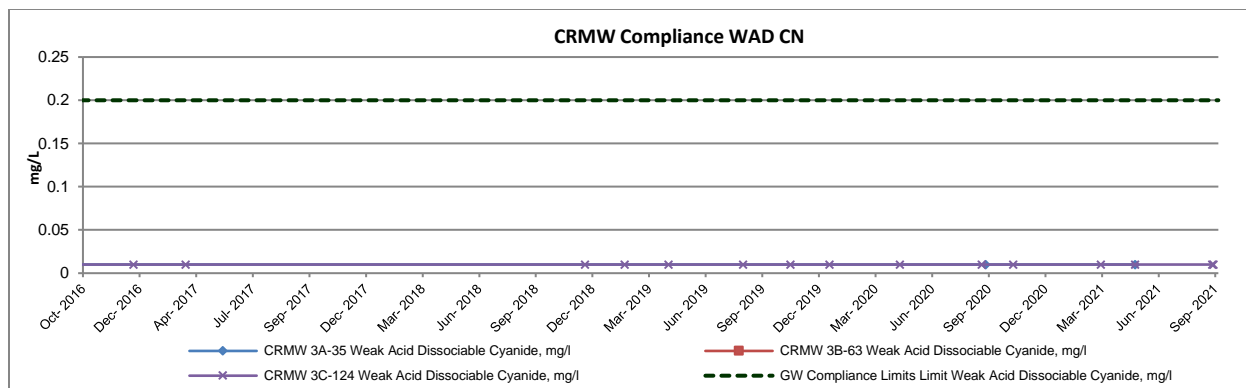
CRMW-3C

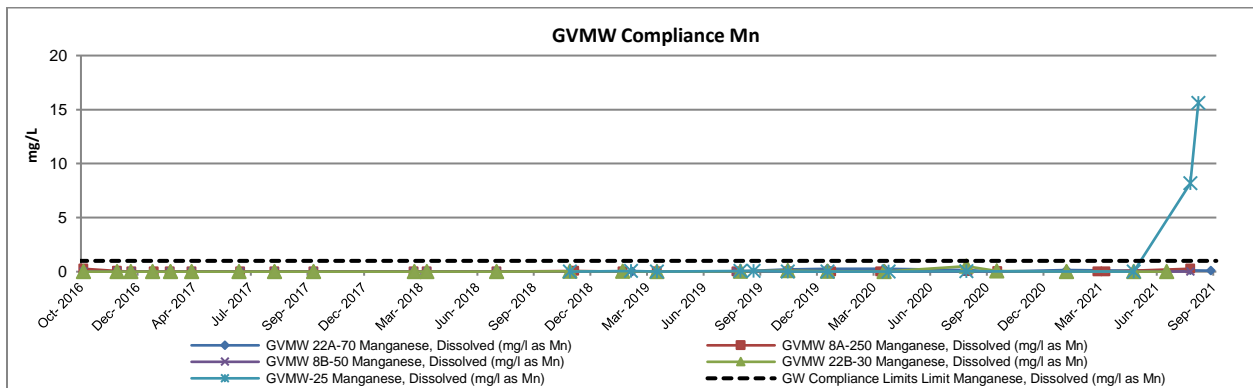
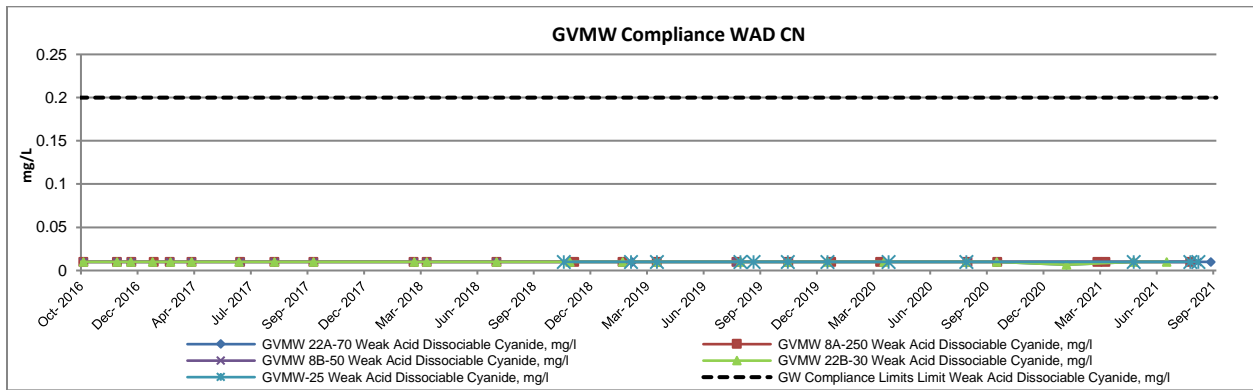
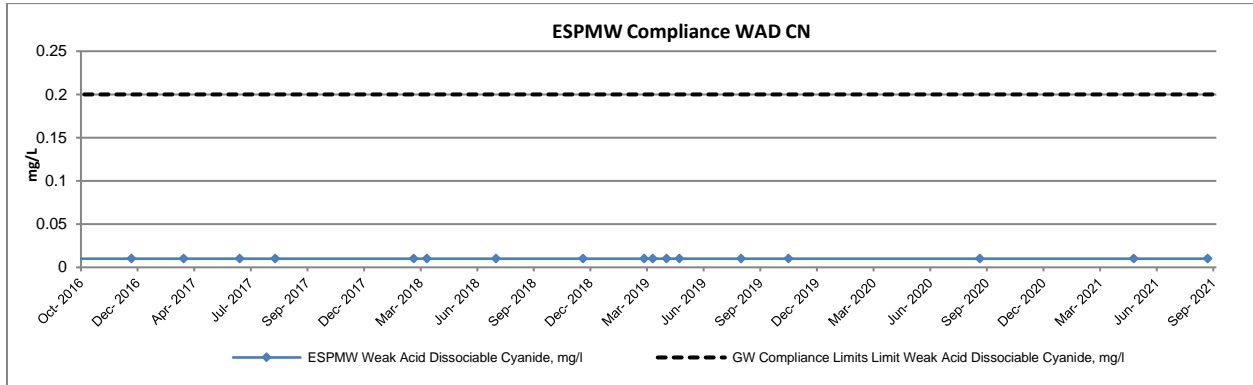
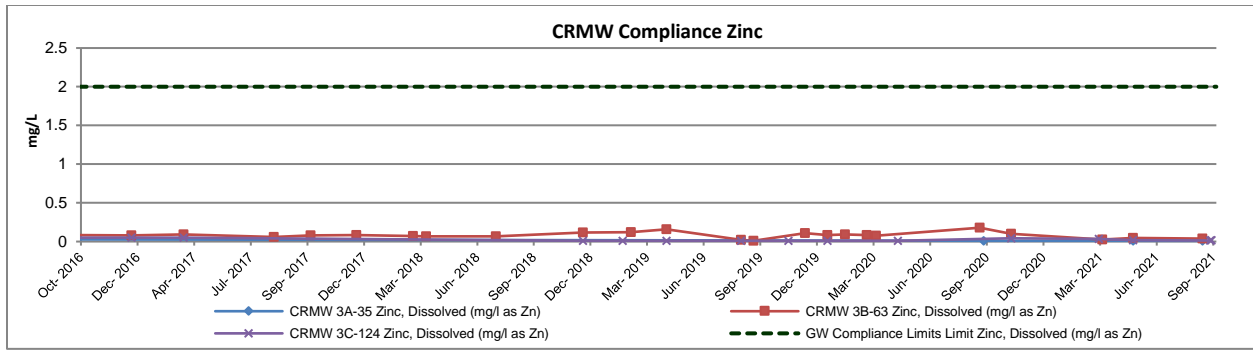
Sulfate Sulfate - TVS

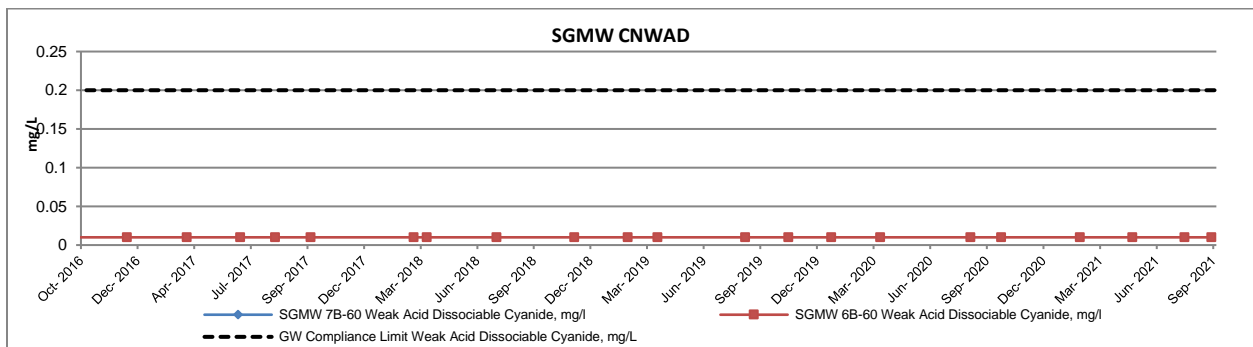
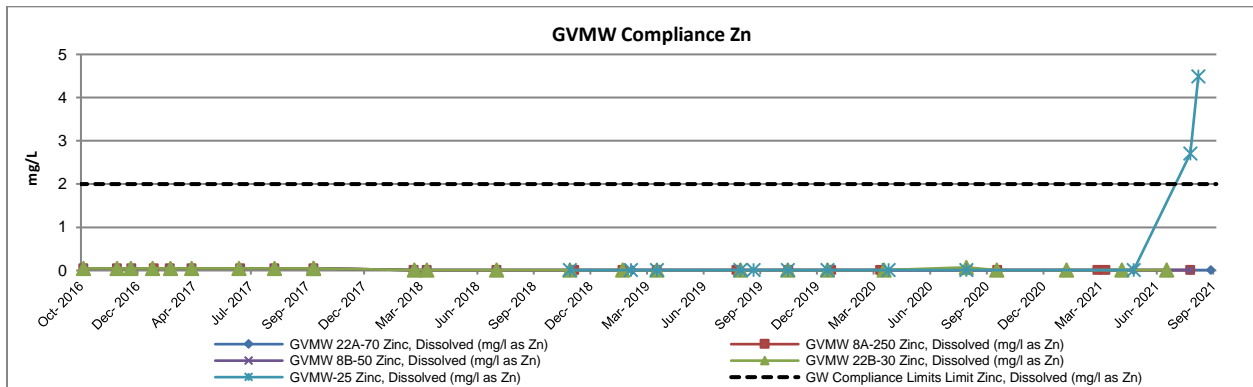
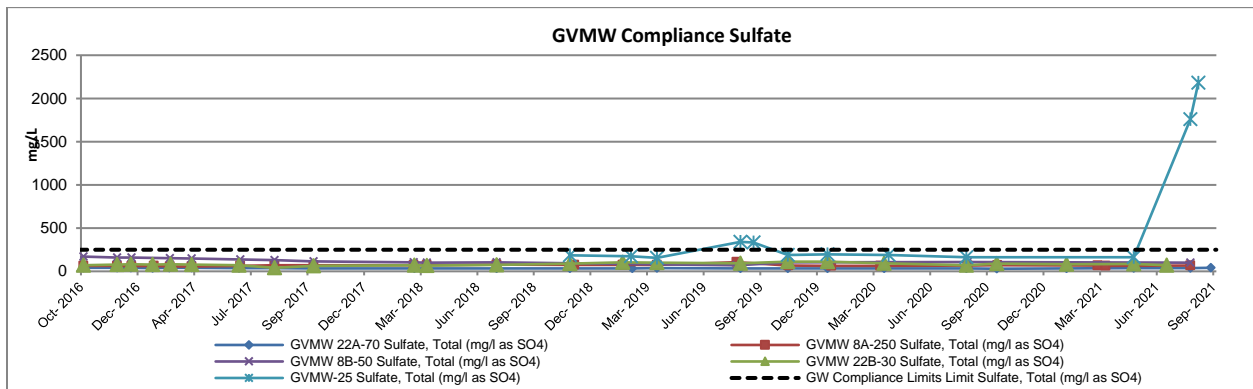
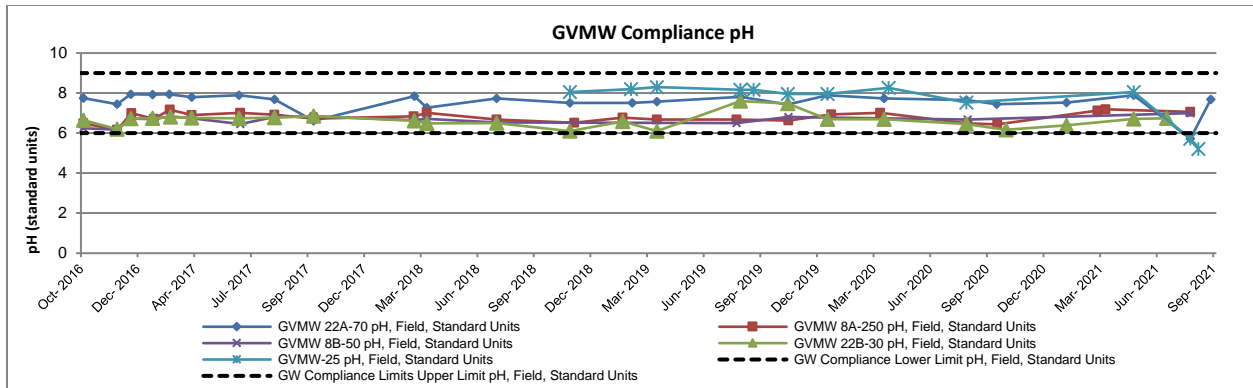


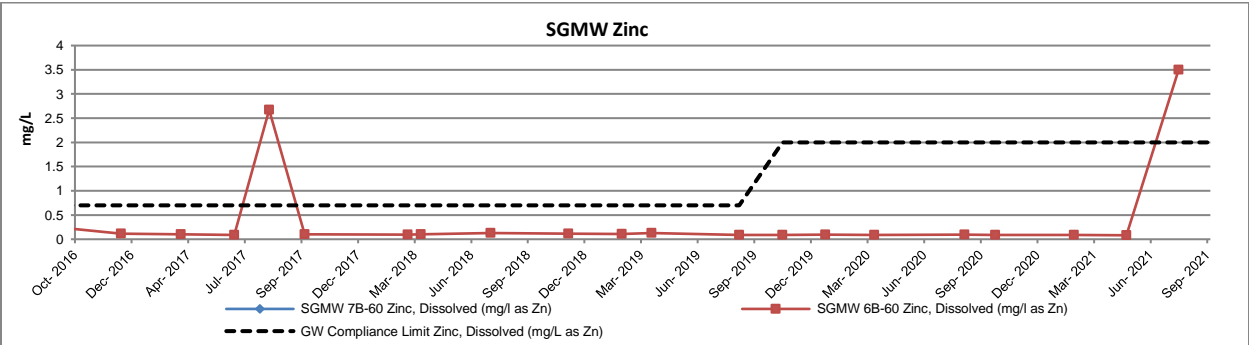
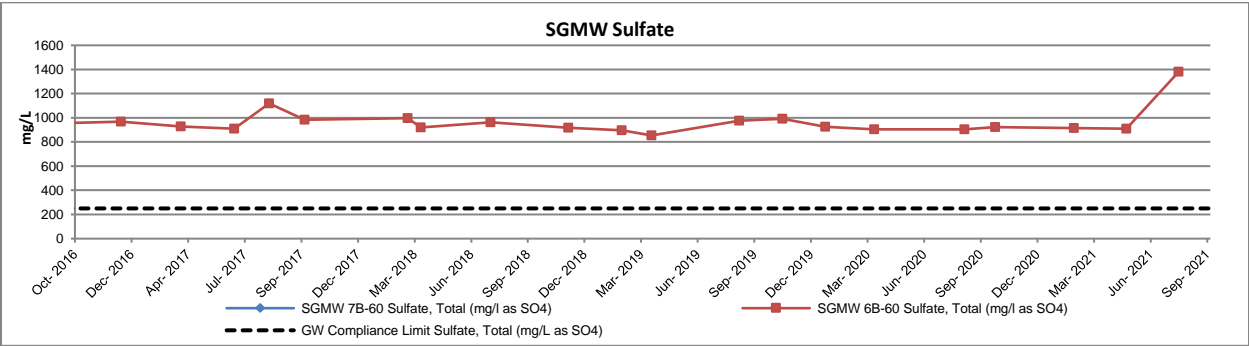
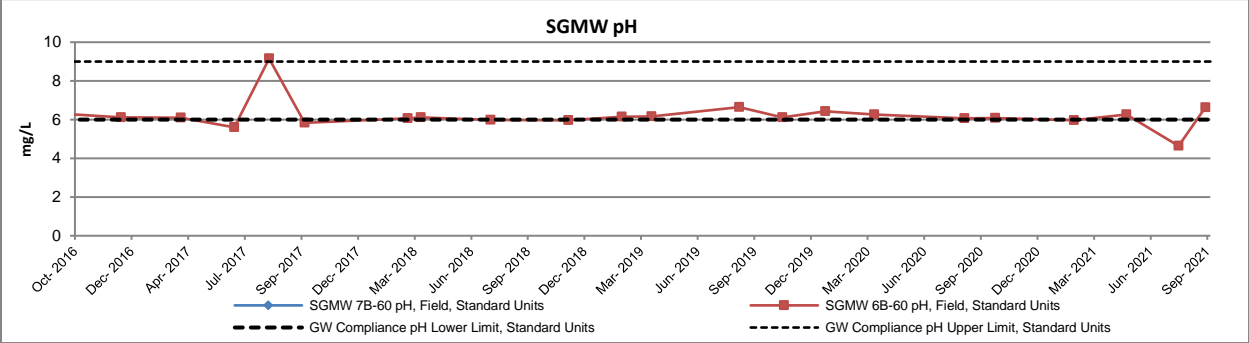
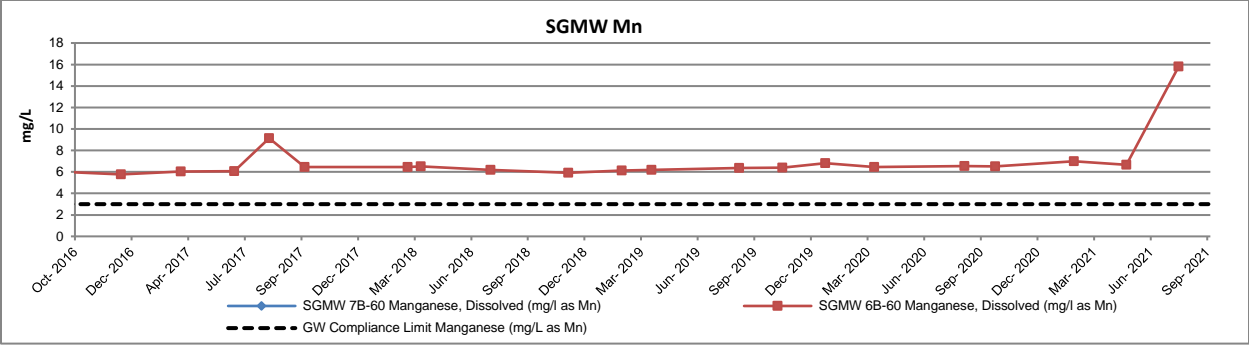
VIN-2A

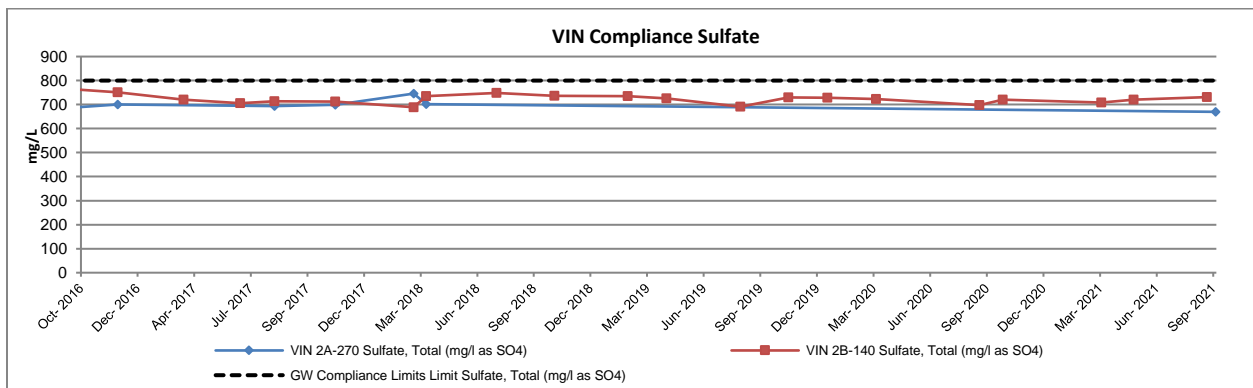
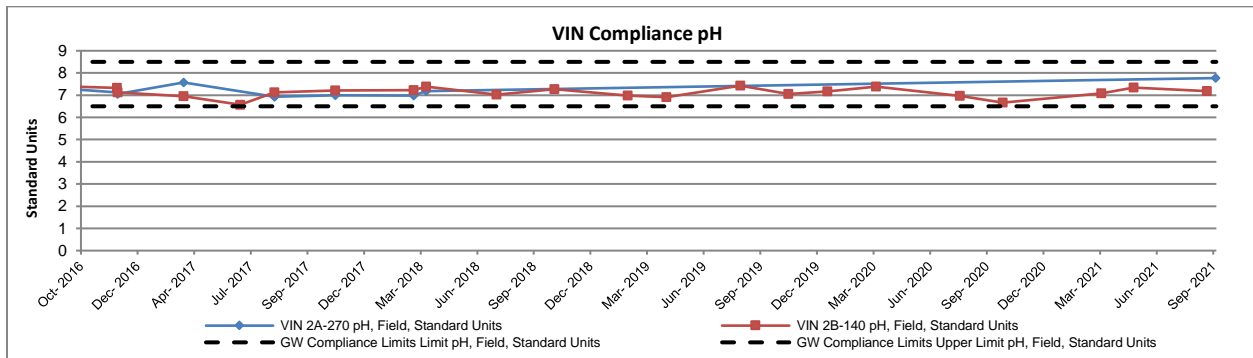
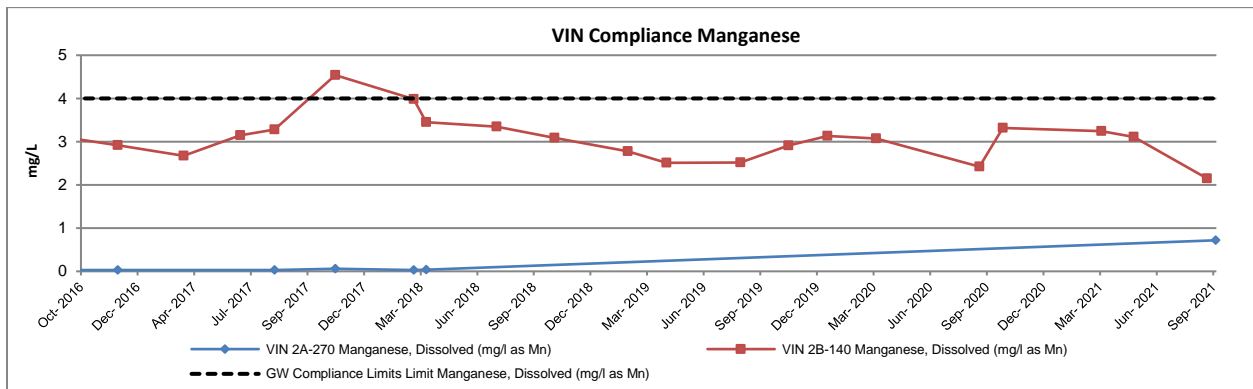
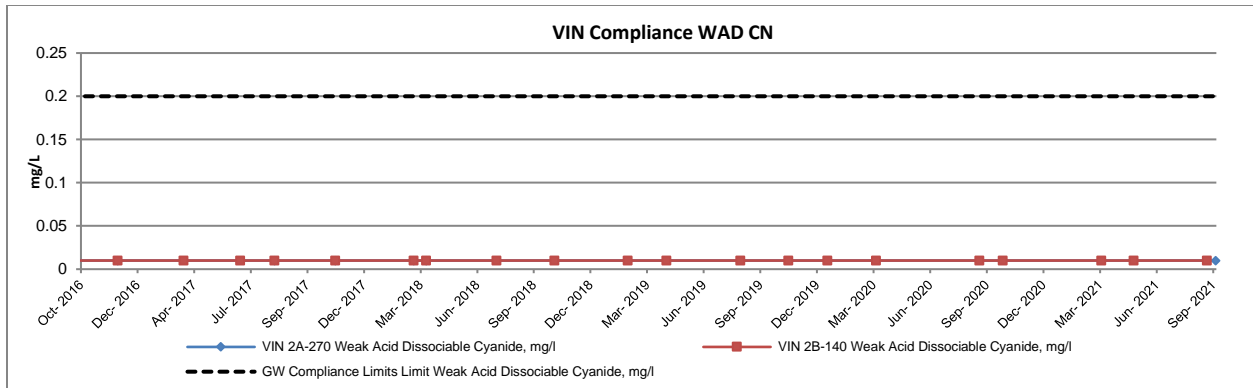


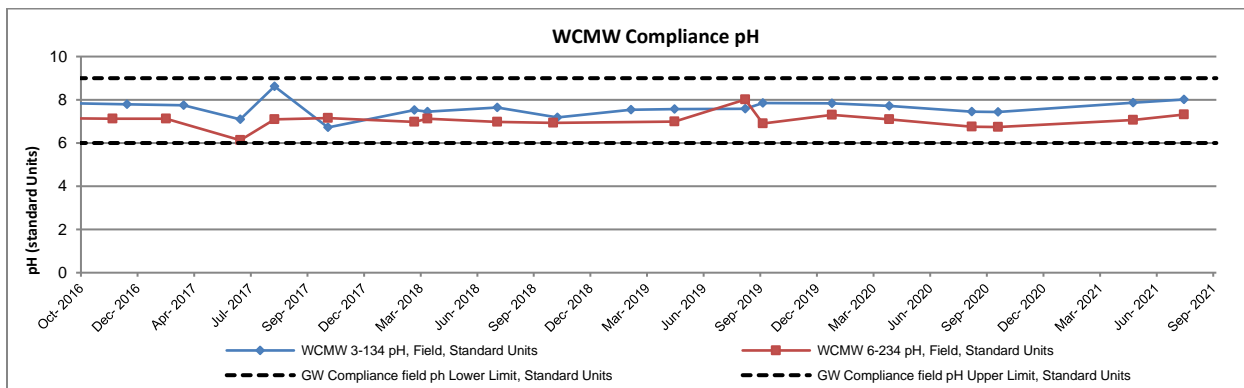
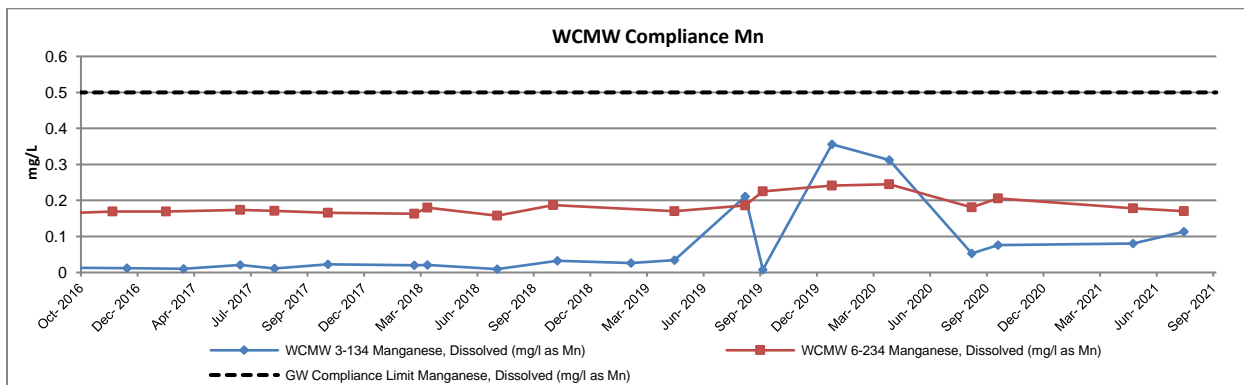
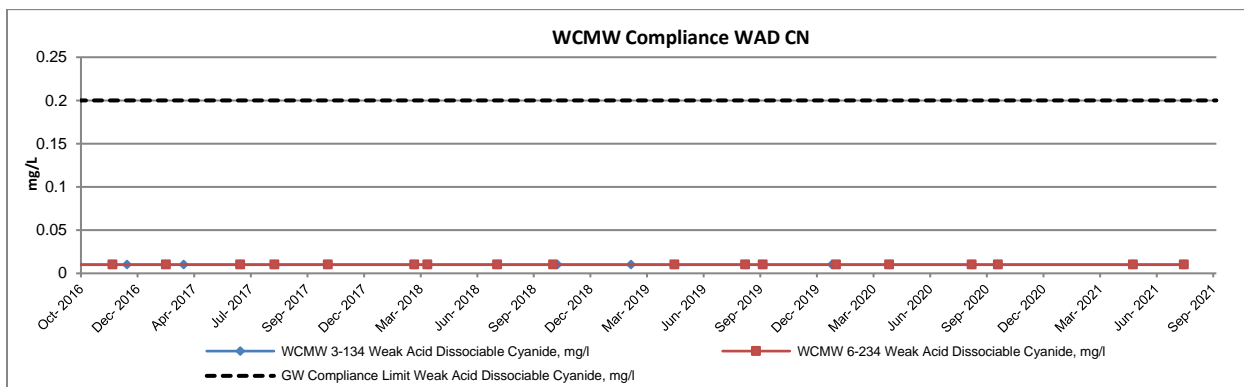
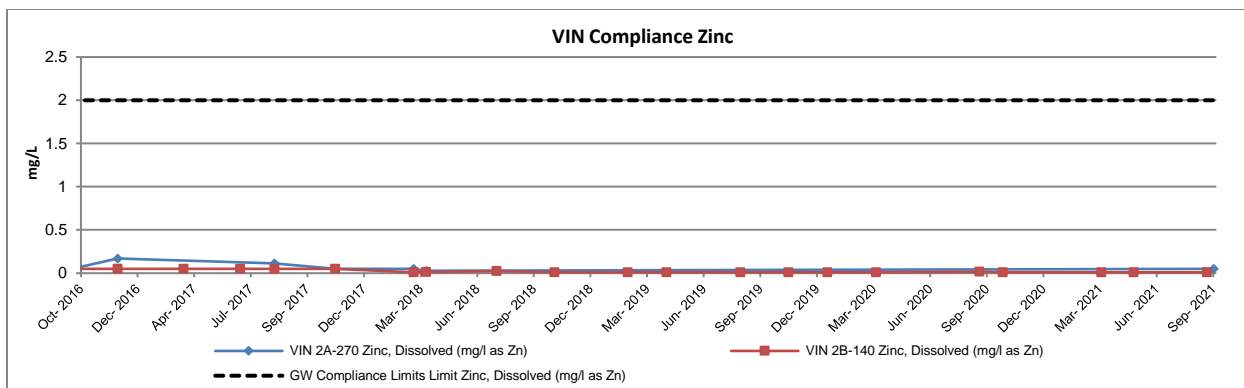


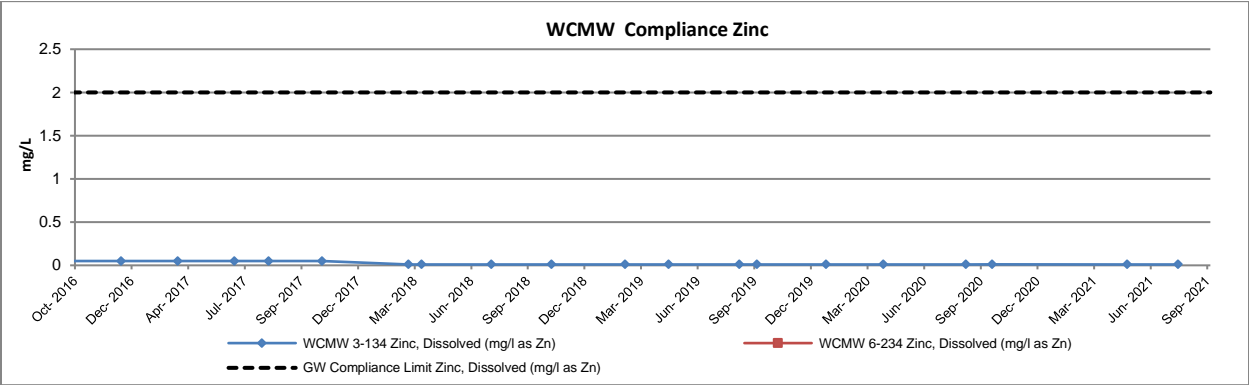
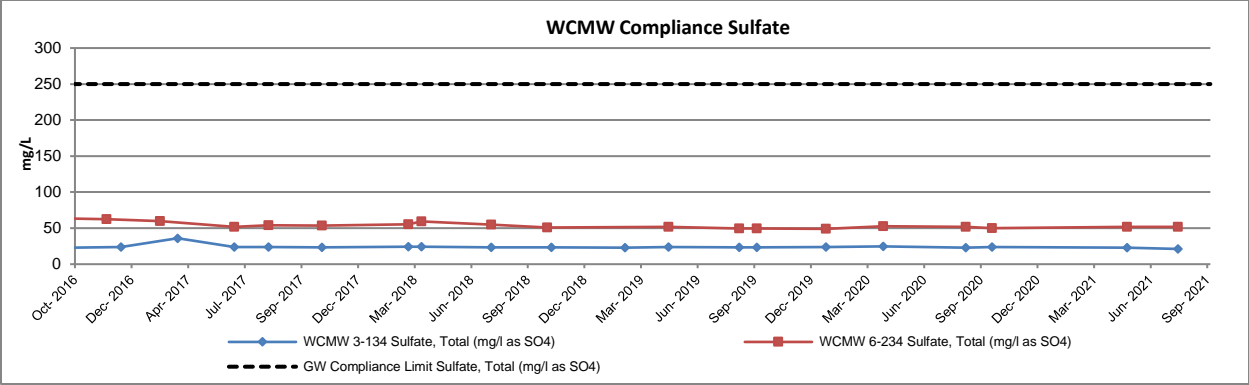












QA/QC

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:

SAMPLE LOCATION : Trip Blank

Collar Elv (ft) : N/A

Reporting Period 2021 3rd Qtr

Results of Profile / Analyses

Description	Standards	3rd Qtr	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X110456-04	X110456-03
Sample Date	-	09/22/2021	09/22/2021
Lab Test Date	-	10/11/2021	10/11/2021
Sampled By	-	BD	BD

Acidity, Total as CaCO3 (mg/L)	---	<10.0	<10.0
Alkalinity - Bicarbonate as CaCO3 (mg/L)	---	<1.0	<1.0
Alkalinity - Carbonate as CaCO3 (mg/L)	---	<1.0	<1.0
Alkalinity - Hydroxide as CaCO3 (mg/L)	---	<1.0	<1.0
Alkalinity - Total as CaCO3 (mg/L)	---	<1.0	<1.0
Aluminium - Dissolved (mg/L)	---	<0.080	<0.080
Ammonia (mg/L)	---	<0.030	<0.030
Antimony - Dissolved (mg/L)	---	<0.00300	<0.00300
Arsenic - Dissolved (mg/L)	---	<0.00300	<0.00300
Barium - Dissolved (mg/L)	---	<0.0020	<0.0020
Beryllium - Dissolved (mg/L)	---	<0.00200	<0.00200
Boron - Dissolved (mg/L)	---	<0.0400	<0.0400
Cadmium - Dissolved (mg/L)	---	<0.0020	<0.0020
Calcium - Total Recoverable (mg/L)	---	<0.100	<0.100
Chloride - Total (mg/L)	---	<0.20	<0.20
Chromium - Dissolved (mg/L)	---	<0.0060	<0.0060
Cobalt - Dissolved (mg/L)	---	<0.0060	<0.0060
Copper - Dissolved (mg/L)	---	<0.0100	<0.0100
Cyanide - Free (mg/L)	---	<0.0050	<0.0050
Cyanide - Total (mg/L)	---	<0.0050	<0.0050
Cyanide - WAD (mg/L)	---	<0.0100	<0.0100
Fluoride - Total F (mg/L)	---	<0.100	<0.100
Hardness - Total as CaCO3 (mg/L)	---	<2.31	<2.31
Iron - Dissolved (mg/L)	---	<0.100	<0.100
Lead - Dissolved (mg/L)	---	<0.0075	<0.0075
Lithium - Dissolved (mg/L)	---	<0.040	<0.040
Magnesium - Total Recoverable (mg/L)	---	<0.500	<0.500
Manganese - Dissolved (mg/L)	---	<0.0080	<0.0080
Mercury - Dissolved (mg/L)	---	<0.000200	<0.000200
Molybdenum - Dissolved (mg/L)	---	<0.0080	<0.0080
Nickel - Dissolved (mg/L)	---	<0.0100	<0.0100
Nitrate as Nitrogen (mg/L)	---	<0.050	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	---	<0.100	<0.100
Nitrite as Nitrogen (mg/L)	---	<0.050	<0.050
pH Lab (pH unit)	---	5.8	6.0
Potassium - Total Recoverable in Water	---	<0.50	<0.50
Selenium - Dissolved (mg/L)	---	<0.00300	<0.00300
Silver - Dissolved (mg/L)	---	<0.0050	<0.0050
Sodium - Dissolved (mg/L)	---	<0.50	<0.50
Sulfate - Total (mg/L)	---	<0.30	0.32
Thallium - Dissolved (mg/L)	---	<0.00100	<0.00100
Total Dissolved Solids (mg/L)	---	<10	15
Total Suspended Solids (mg/L)	---	<5.0	<5.0
Uranium - Dissolved (mg/L)	---	<0.00100	<0.00100
Vanadium - Dissolved (mg/L)	---	<0.0050	<0.0050
Zinc - Dissolved (mg/L)	---	<0.0100	<0.0100

* Standard is for Reference Only

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: QA/QC

SAMPLE LOCATION : Rinse Blank

Collar Elv (ft) : N/A

Reporting Period 2021 3rd Qtr

Results of Profile / Analyses

Description	Standards	3rd Qtr	3rd Qtr	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X1H0533-01	X1H0533-03	X1I0377-01
Sample Date	-	08/26/2021 - 10:50 am	08/26/2021 - 12:10 pm	09/20/2021 - 9:30 am
Lab Test Date	-	09/10/2021	09/10/2021	10/05/2021
Sampled By	-	BOD	BOD	BOD

Acidity, Total as CaCO3 (mg/L)	---	<10.0	<10.0	<10.0
Alkalinity - Bicarbonate as CaCO3 (mg/L)	---	<1.0	<1.0	<1.0
Alkalinity - Carbonate as CaCO3 (mg/L)	---	<1.0	<1.0	<1.0
Alkalinity - Hydroxide as CaCO3 (mg/L)	---	<1.0	<1.0	<1.0
Alkalinity - Total as CaCO3 (mg/L)	---	<1.0	<1.0	<1.0
Aluminium - Dissolved (mg/L)	---	<0.080	<0.080	<0.080
Ammonia (mg/L)	---	<0.030	<0.030	<0.030
Antimony - Dissolved (mg/L)	---	<0.00300	<0.00300	<0.00300
Arsenic - Dissolved (mg/L)	---	<0.00300	<0.00300	<0.00300
Barium - Dissolved (mg/L)	---	0.0428	0.0033	<0.0020
Beryllium - Dissolved (mg/L)	---	<0.00200	<0.00200	<0.00200
Boron - Dissolved (mg/L)	---	<0.0400	<0.0400	<0.0400
Cadmium - Dissolved (mg/L)	---	<0.0020	<0.0020	<0.0020
Calcium - Total Recoverable (mg/L)	---	<0.100	0.163	<0.100
Chloride - Total (mg/L)	---	<0.20	<0.20	<0.20
Chromium - Dissolved (mg/L)	---	<0.0060	<0.0060	<0.0060
Cobalt - Dissolved (mg/L)	---	<0.0060	<0.0060	<0.0060
Copper - Dissolved (mg/L)	---	<0.0100	<0.0100	<0.0100
Cyanide - Free (mg/L)	---	<0.0050	<0.0050	<0.0050
Cyanide - Total (mg/L)	---	<0.0050	<0.0050	<0.0050
Cyanide - WAD (mg/L)	---	<0.0100	<0.0100	<0.0100
Fluoride - Total F (mg/L)	---	<0.100	<0.100	<0.100
Hardness - Total as CaCO3 (mg/L)	---	<2.31	<2.31	<2.31
Iron - Dissolved (mg/L)	---	<0.100	<0.100	<0.100
Lead - Dissolved (mg/L)	---	<0.0075	<0.0075	<0.0075
Lithium - Dissolved (mg/L)	---	<0.040	<0.040	<0.040
Magnesium - Total Recoverable (mg/L)	---	<0.500	<0.500	<0.500
Manganese - Dissolved (mg/L)	---	0.0108	<0.0080	<0.0080
Mercury - Dissolved (mg/L)	---	<0.000200	<0.000200	<0.000200
Molybdenum - Dissolved (mg/L)	---	0.0207	<0.0080	<0.0080
Nickel - Dissolved (mg/L)	---	<0.0100	<0.0100	<0.0100
Nitrate as Nitrogen (mg/L)	---	<0.050	<0.050	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	---	<0.100	<0.100	<0.100
Nitrite as Nitrogen (mg/L)	---	<0.050	<0.050	<0.050
pH Lab (pH unit)	---	5.8	6.0	6.1
Potassium - Total Recoverable in Water	---	<0.50	<0.50	<0.50
Selenium - Dissolved (mg/L)	---	<0.00300	<0.00300	<0.00300
Silver - Dissolved (mg/L)	---	<0.0050	<0.0050	<0.0050
Sodium - Dissolved (mg/L)	---	7.31	0.58	<0.50
Sulfate - Total (mg/L)	---	<0.30	<0.30	<0.30
Thallium - Dissolved (mg/L)	---	<0.00100	<0.00100	<0.00100
Total Dissolved Solids (mg/L)	---	<10	<10	<10
Total Suspended Solids (mg/L)	---	<5.0	<5.0	<5.0
Uranium - Dissolved (mg/L)	---	<0.00100	<0.00100	<0.00100
Vanadium - Dissolved (mg/L)	---	<0.0050	<0.0050	<0.0050
Zinc - Dissolved (mg/L)	---	<0.0100	<0.0100	<0.0100

* Standard is for Reference Only

SAMPLE LOCATION : Rinse Blank

Collar Elv (ft) : N/A

Reporting Period 2021 3rd Qtr

Results of Profile / Analyses

Description	Standards	3rd Qtr	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X110456-05	X110377-02
Sample Date	-	09/22/2021 – 9:50 am	09/20/2021 – 2:00 pm
Lab Test Date	-	10/11/2021	10/05/2021
Sampled By	-	BOD	BOD

Acidity, Total as CaCO3 (mg/L)	---	<10.0	<10.0
Alkalinity - Bicarbonate as CaCO3 (mg/L)	---	<1.0	<1.0
Alkalinity - Carbonate as CaCO3 (mg/L)	---	<1.0	<1.0
Alkalinity - Hydroxide as CaCO3 (mg/L)	---	<1.0	<1.0
Alkalinity - Total as CaCO3 (mg/L)	---	<1.0	<1.0
Aluminium - Dissolved (mg/L)	---	<0.080	<0.080
Ammonia (mg/L)	---	<0.030	<0.030
Antimony - Dissolved (mg/L)	---	<0.00300	<0.00300
Arsenic - Dissolved (mg/L)	---	<0.00300	<0.00300
Barium - Dissolved (mg/L)	---	<0.0020	<0.0020
Beryllium - Dissolved (mg/L)	---	<0.00200	<0.00200
Boron - Dissolved (mg/L)	---	<0.0400	<0.0400
Cadmium - Dissolved (mg/L)	---	<0.0020	<0.0020
Calcium - Total Recoverable (mg/L)	---	<0.100	<0.100
Chloride - Total (mg/L)	---	<0.20	<0.20
Chromium - Dissolved (mg/L)	---	<0.0060	<0.0060
Cobalt - Dissolved (mg/L)	---	<0.0060	<0.0060
Copper - Dissolved (mg/L)	---	<0.0100	<0.0100
Cyanide - Free (mg/L)	---	<0.0050	<0.0050
Cyanide - Total (mg/L)	---	<0.0050	<0.0050
Cyanide - WAD (mg/L)	---	<0.0100	<0.0100
Fluoride - Total F (mg/L)	---	<0.100	<0.100
Hardness - Total as CaCO3 (mg/L)	---	<2.31	<2.31
Iron - Dissolved (mg/L)	---	<0.100	<0.100
Lead - Dissolved (mg/L)	---	<0.0075	<0.0075
Lithium - Dissolved (mg/L)	---	<0.040	<0.040
Magnesium - Total Recoverable (mg/L)	---	<0.500	<0.500
Manganese - Dissolved (mg/L)	---	<0.0080	<0.0080
Mercury - Dissolved (mg/L)	---	<0.000200	<0.000200
Molybdenum - Dissolved (mg/L)	---	<0.0080	<0.0080
Nickel - Dissolved (mg/L)	---	<0.0100	<0.0100
Nitrate as Nitrogen (mg/L)	---	<0.050	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	---	<0.100	<0.100
Nitrite as Nitrogen (mg/L)	---	<0.050	<0.050
pH Lab (pH unit)	---	5.8	5.9
Potassium - Total Recoverable in Water	---	<0.50	<0.50
Selenium - Dissolved (mg/L)	---	<0.00300	<0.00300
Silver - Dissolved (mg/L)	---	<0.0050	<0.0050
Sodium - Dissolved (mg/L)	---	<0.50	<0.50
Sulfate - Total (mg/L)	---	<0.30	<0.30
Thallium - Dissolved (mg/L)	---	<0.00100	<0.00100
Total Dissolved Solids (mg/L)	---	<10	<10
Total Suspended Solids (mg/L)	---	<5.0	<5.0
Uranium - Dissolved (mg/L)	---	<0.00100	<0.00100
Vanadium - Dissolved (mg/L)	---	<0.0050	<0.0050
Zinc - Dissolved (mg/L)	---	<0.0100	<0.0100

SAMPLE LOCATION : GVMW 8B-50 - Duplicate Collar Elv (ft) : N/A Reporting Period 2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1H0392-04
Sample Date	-	08/19/2021
Lab Test Date	-	08/31/2021
Sampled By	-	BOD

pH Field (pH unit)	6.00-8.50	6.99
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0120
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	35.4
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.0060
Copper - Dissolved (mg/L)	0.2000	0.0143
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	.26
Fluoride - Total F (mg/L)	2.0000	2.14
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	<0.0080
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	2.33
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	2.33
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	25.7
Sulfate - Total (mg/L)	250.00	99.9
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	315
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00239
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

* Standard is for Reference Only

SAMPLE LOCATION : PGMW-3 - Duplicate

Collar Elv (ft) : N/A

Reporting Period

2021 3rd Qtr

Results of Profile/Analyses

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1H0298-04
Sample Date	-	08/16/2021
Lab Test Date	-	08/31/2021
Sampled By	-	BOD

pH Field (pH unit)	6.00-8.50	4.23
Aluminium - Dissolved (mg/L)	7.0000	13.1
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0183
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	0.0041
Chloride - Total (mg/L)	---	45.1
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0244
Copper - Dissolved (mg/L)	0.2000	0.230
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	.07
Fluoride - Total F (mg/L)	2.0000	1.85
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	2.52
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	0.0503
Nitrate as Nitrogen (mg/L)	10.0000	11.8
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	11.8
Selenium - Dissolved (mg/L)	0.0240	0.00664
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	23.4
Sulfate - Total (mg/L)	250.00	624
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	994
Total Suspended Solids (mg/L)	---	17.0
Uranium - Dissolved (mg/L)	0.0300	0.00191
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.335

* Standard is for Reference Only

Relative Percent Difference Calculations:

The Division has requested that relative percent difference calculations be completed for duplicate samples collected within the same quarter. In the third quarter, 2021 CC&V submitted duplicate samples for monitoring wells GVMW-8B, collected on 8-19-2021 and PGMW-3, collected on 8-16-2021. For all data where a calculation is applicable, the RPD is presented below. When laboratory analysis for both samples was below reporting limit, a RPD was not calculated. When one sample result was above the reporting limit, and one sample was below the reporting limit CC&V used the reporting limit in the RPD calculation for the sample whose analytical value was below the reporting limit. CC&V used the following formula to determine Relative Percent Difference (RPD):

$$RPD = \frac{|X_1 - X_2|}{(X_1 + X_2)/2} \times 100$$

where,

RPD = Relative Percent Difference (as %)

$|X_1 - X_2|$ = Absolute value (always positive) of $X_1 - X_2$

X_1 = Original sample concentration

X_2 = Duplicate sample concentration

Sample Point	PGMW-3 Sample	PGMW-3 Duplicate	PGMW-3 Relative Percent Difference (RPD, %)
pH Field (pH unit)	4.21	4.23	0.47
Aluminum - Dissolved (mg/L)	13.1	12.7	3.10
Barium - Dissolved (mg/L)	0.0176	0.0183	3.90
Cadmium - Dissolved (mg/L)	0.0041	0.0039	5.00
Chloride - Total (mg/L)	45.1	44.5	1.34
Cobalt - Dissolved (mg/L)	0.0244	0.0241	1.24
Copper - Dissolved (mg/L)	0.23	0.22	4.44
Fluoride - Total F (mg/L)	1.85	1.85	0.00
Manganese - Dissolved (mg/L)	2.52	2.5	0.80
Nickel - Dissolved (mg/L)	0.0503	0.0493	2.01
Nitrate as Nitrogen (mg/L)	11.3	11.8	4.33
Nitrite + Nitrate as Nitrogen (mg/L)	11.3	11.8	4.33
Selenium - Dissolved (mg/L)	0.00639	0.00664	3.84
Sodium - Dissolved (mg/L)	23.4	22.6	3.48
Sulfate - Total (mg/L)	621	624	0.48
Uranium - Dissolved (mg/L)	0.00175	0.00191	8.74
Zinc - Dissolved (mg/L)	0.335	0.335	0.00

Sample Point	GVMW-8B Sample	GVMW-8B Duplicate	GVMW-8B Relative Percent Difference (RPD, %)
pH Field (pH unit)	6.99	6.99	0.00
Barium - Dissolved (mg/L)	0.0116	0.012	3.39
Chloride - Total (mg/L)	35.2	35.4	0.57
Copper - Dissolved (mg/L)	0.0137	0.0143	4.29
Fluoride - Total F (mg/L)	2.14	2.14	0.00
Nitrate as Nitrogen (mg/L)	2.33	2.32	0.43
Nitrite + Nitrate as Nitrogen (mg/L)	2.33	2.32	0.43
Sodium - Dissolved (mg/L)	24.8	25.7	3.56
Sulfate - Total (mg/L)	100	99.9	0.10
Uranium - Dissolved (mg/L)	0.00239	0.00236	1.26