

Sent VIA EMAIL

April 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: 1st Quarter 2021
Surface Water Monitoring Data: 1st 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 1st quarter, (January through March) 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 the Arequa Gulch well CRMW-3A due to insufficient volume / head to reach the discharge point. Additionally the dedicated pump at monitoring well ESMPW was unable to discharge water for sample. CC&V is in the process of examining monitoring well ESMPW to correct the failure for future monitoring. Grassy Valley monitoring well GVMW-8B was reported dry and GVMW-25 did not have sufficient volume / head to discharge a sample. (depth to water (DTW) 74.6 ft, Well total depth 79 ft.)

Poverty Gulch monitoring wells PGMW-2 and PGMW-4 were reported dry and PGMW-3 did not have sufficient volume / head to discharge a sample. (DTW 53 ft., Well total depth 56 ft.). Squaw Gulch monitoring wells SGMW-5, SGMW-6A, and SGMW-7A were reported dry. Monitoring well SGMW-7B did not have sufficient volume / head to discharge a sample with a reported DTW of 59.7 ft. with a well total depth of 60 ft. Vindicator Valley monitoring well VIN-2A did not have sufficient volume / head to discharge a sample with a DTW of 258 ft. and a well total depth of 270 ft. Wilson Creek monitoring wells WCMW-3 and WCMW-6 were inaccessible due to snow accumulation in the first quarter.

Surface water sampling locations in Arequa Gulch (AG 2.0), Vindicator Valley (T-2), and Grassy Valley (GV-02 & GV-03) had no flow and were reported dry. Surface water sampling location WCSW-01 was inaccessible due to snow in the first quarter.

As reported to DRMS on March 16, 2021 the pump within monitoring well CRMW-3B failed. The pump and controller for this well have been replaced, and are currently functioning as intended.

At the end of the first quarter 2021 (3-29-2021) CC&V's field deployable pump failed & was sent back to the manufacturer for repair. During that time monitoring well CRMW-3A sample attempt was completed using the pump assembly from monitoring well CRMW-3C. As explained above,

CC&V was not able to collect a sample from monitoring well CRMW-3A for Q1, 2021 due to insufficient volume within monitoring well CRMW-3A to reach the discharge point.

CC&V Collected three QA/QC samples in Q1, 2021. One duplicate sample from monitoring well VIN-2B was collected, and two blank samples were submitted to our lab for analysis. 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 February 23, 2021 pertain to analytes fluoride, manganese, sulfate and pH. First quarter 2021 concentrations are consistent with previously reported concentrations, and pH data is consistent with previous measurements taken. No new or anomalous concentrations are reported for this drainage.

Exceedances recorded in the Grassy Valley drainage from samples collected on February 1, 2021 pertain to the analyte fluoride. First quarter 2021 concentrations are consistent with previously reported concentrations. No new or anomalous concentrations are reported for this drainage.

Exceedances recorded in the Arequa Gulch drainage from samples collected on February 24, 2021, March 25, 2021 and March 31, pertain to cobalt, fluoride, manganese, uranium, and sulfate. First quarter 2021 concentrations are generally consistent with previously reported concentrations. No new or anomalous concentrations are reported for this drainage.

As reported on February 25, 2021, CC&V collected first quarter compliance groundwater samples from monitoring well GVMW-22A on February 1, 2021. CC&V received the lab reports for the GVMW-22A analysis on February 17, 2021. Upon review, CC&V determined that monitoring well GVMW-22A exceeded established numeric protection limits for fluoride. Table 1 lists the exceedance for the location and the associated parameter.

Table 1.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Standard (mg/L)
GVMW-22A	2/1/2021	Fluoride	2.08	2.0	2.0

As reported on March 17, 2021, CC&V collected first quarter compliance groundwater samples from monitoring wells CRMW-5A, CRMW-5B, CRMW-5C, and CRMW-5D on February 24, 2021. CC&V received the lab reports for the monitoring wells analysis on March 11, 2021. Upon review, CC&V determined that monitoring wells CRMW-5A, CRMW-5B, CRMW-5C, and CRMW-5D exceeded established numeric protection limits for fluoride, and monitoring well CRMW-5A exceeded table value standards for uranium. Table 2 lists the exceedance for the location and the associated parameter.

Table 2.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Standard (mg/L)
CRMW-5A	2/24/2021	Fluoride	2.01	2.0	2.0
CRMW-5A	2/24/2021	Uranium	0.0892	--	0.03
CRMW-5B	2/24/2021	Fluoride	2.95	2.0	2.0
CRMW-5C	2/24/2021	Fluoride	2.95	2.0	2.0
CRMW-5D	2/24/2021	Fluoride	3.15	2.0	2.0

As reported on April 14, 2021, CC&V collected first quarter compliance groundwater samples from monitoring well CRMW-3C on March 25, 2021. CC&V received the lab reports for the monitoring wells analysis on April 9, 2021. Upon review, CC&V determined that monitoring wells CRMW-3C exceeded established numeric protection limits for fluoride, and manganese, and exceeded the table value standard for sulfate. Table 3 lists the exceedance for the location and the associated parameter.

Table 3.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Standard (mg/L)
CRMW-3C	3/25/2021	Fluoride	3.0	2.0	2.0
CRMW-3C	3/25/2021	Manganese	3.12	3.0	0.20
CRMW-3C	3/25/2021	Sulfate	702	--	250

As reported on April 21, 2021, CC&V collected first quarter compliance groundwater samples from monitoring well CRMW-3B on March 31, 2021. CC&V received the lab reports for the monitoring wells analysis on April 14, 2021. Upon review, CC&V determined that monitoring wells CRMW-3B exceeded established numeric protection limits for fluoride, and manganese, and exceeded the table value standard for cobalt. Table 4 lists the exceedance for the location and the associated parameter.

Table 4.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Standard (mg/L)
CRMW-3B	3/31/2021	Fluoride	3.24	2.0	2.0
CRMW-3B	3/31/2021	Manganese	8.44	8.1	0.05
CRMW-3B	3/31/2021	Cobalt	0.0506	--	0.05

As reported on April 27, 2021, CC&V collected first quarter compliance groundwater samples from monitoring well SGMW-6B on February 23, 2021. CC&V received the lab reports for the monitoring wells analysis on March 11, 2021. Upon review, CC&V determined that monitoring wells SGMW-6B exceeded established numeric protection limits for fluoride, manganese, and pH, and exceeded the table value standard for sulfate. Table 5 lists the exceedance for the location and the associated parameter.

Table 5.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Standard (mg/L)
SGMW-6B	2/23/2021	Fluoride	7.14	2.0	2.0
SGMW-6B	2/23/2021	Manganese	6.98	3.0	0.05
SGMW-6B	2/23/2021	Sulfate	915	--	250
SGMW-6B	2/23/2021	pH	5.96	6.0 – 8.5	6.5 – 8.5

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,

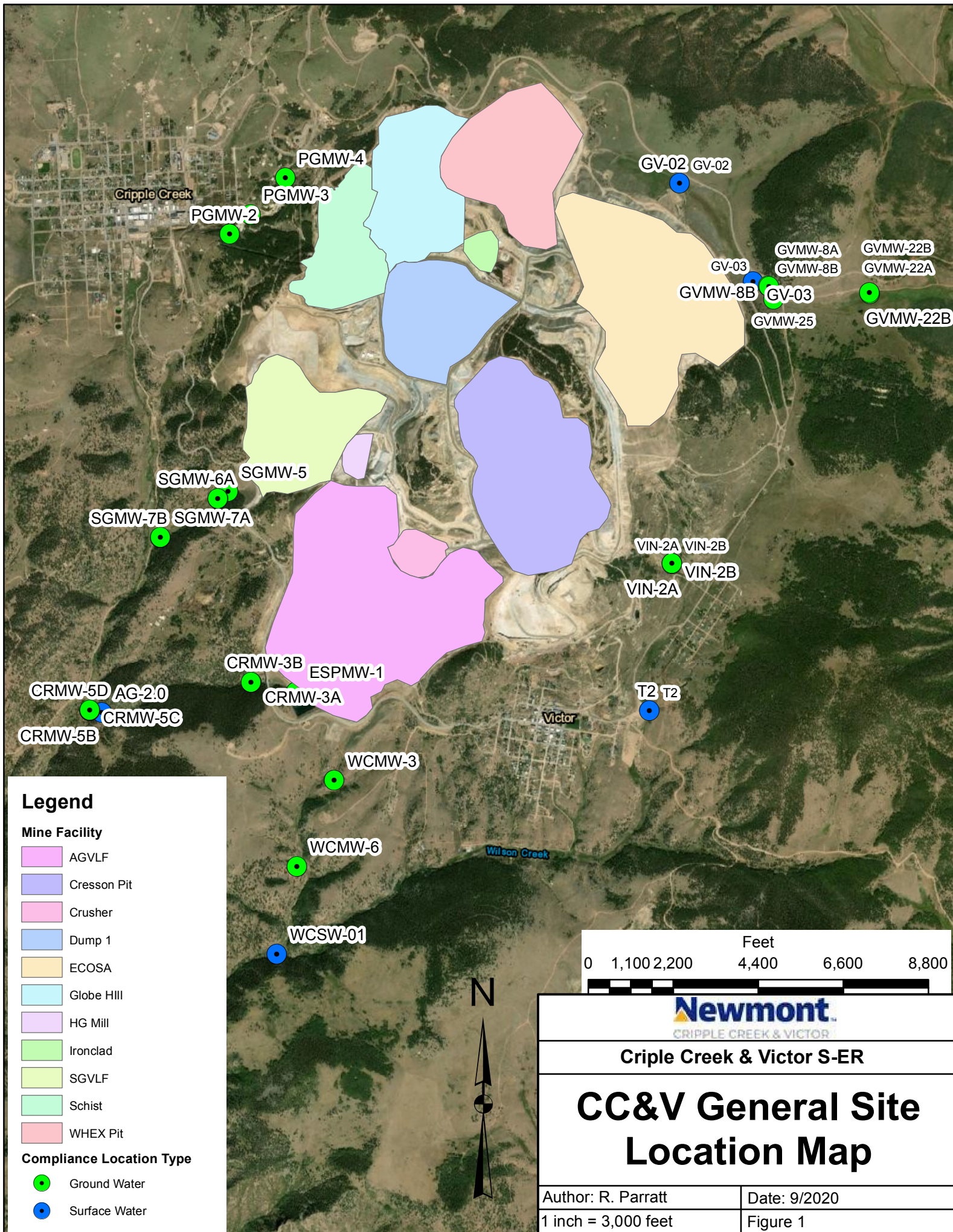


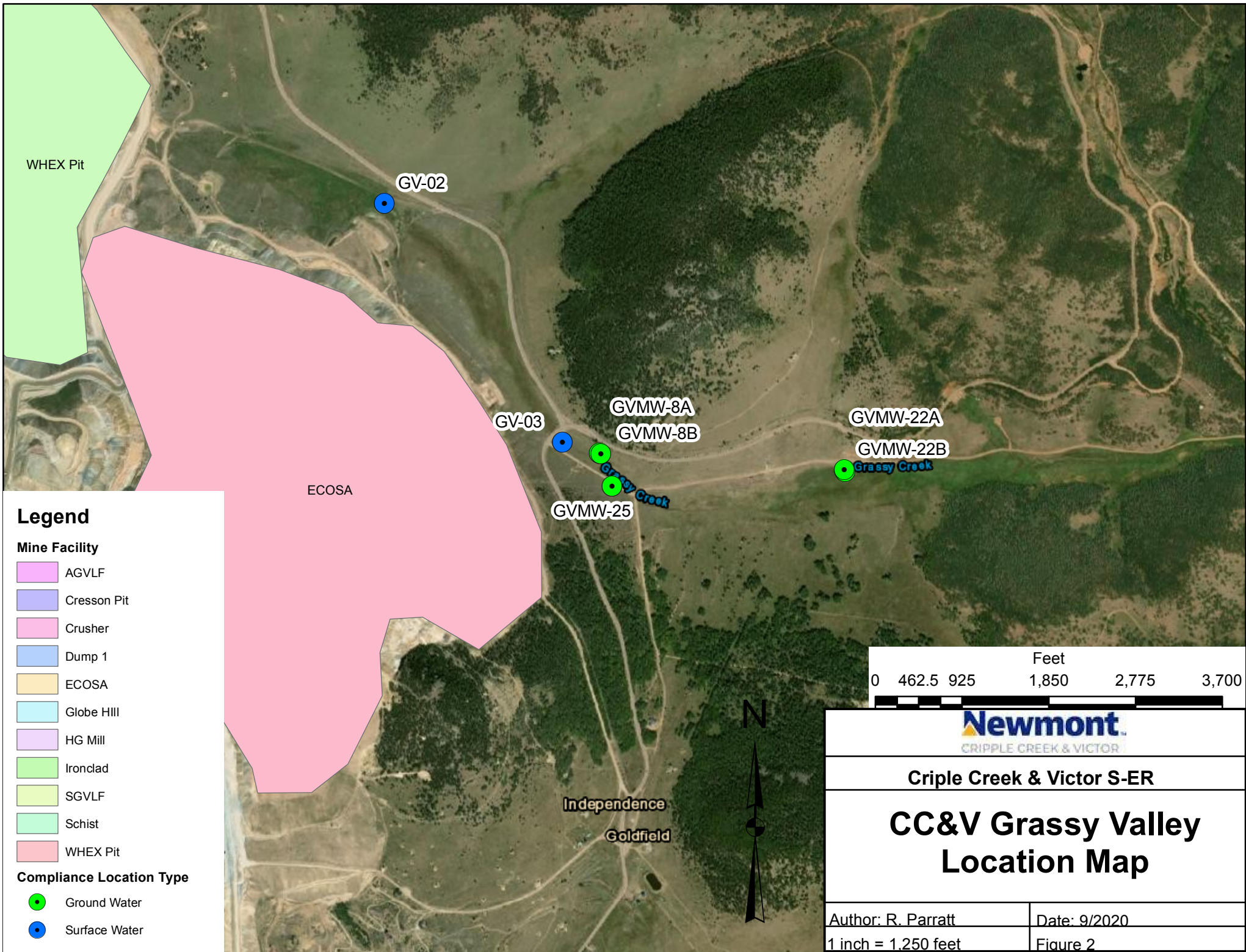
Justin Raglin
Sustainability & External Relations Manager
Cripple Creek & Victor Gold Mining Company

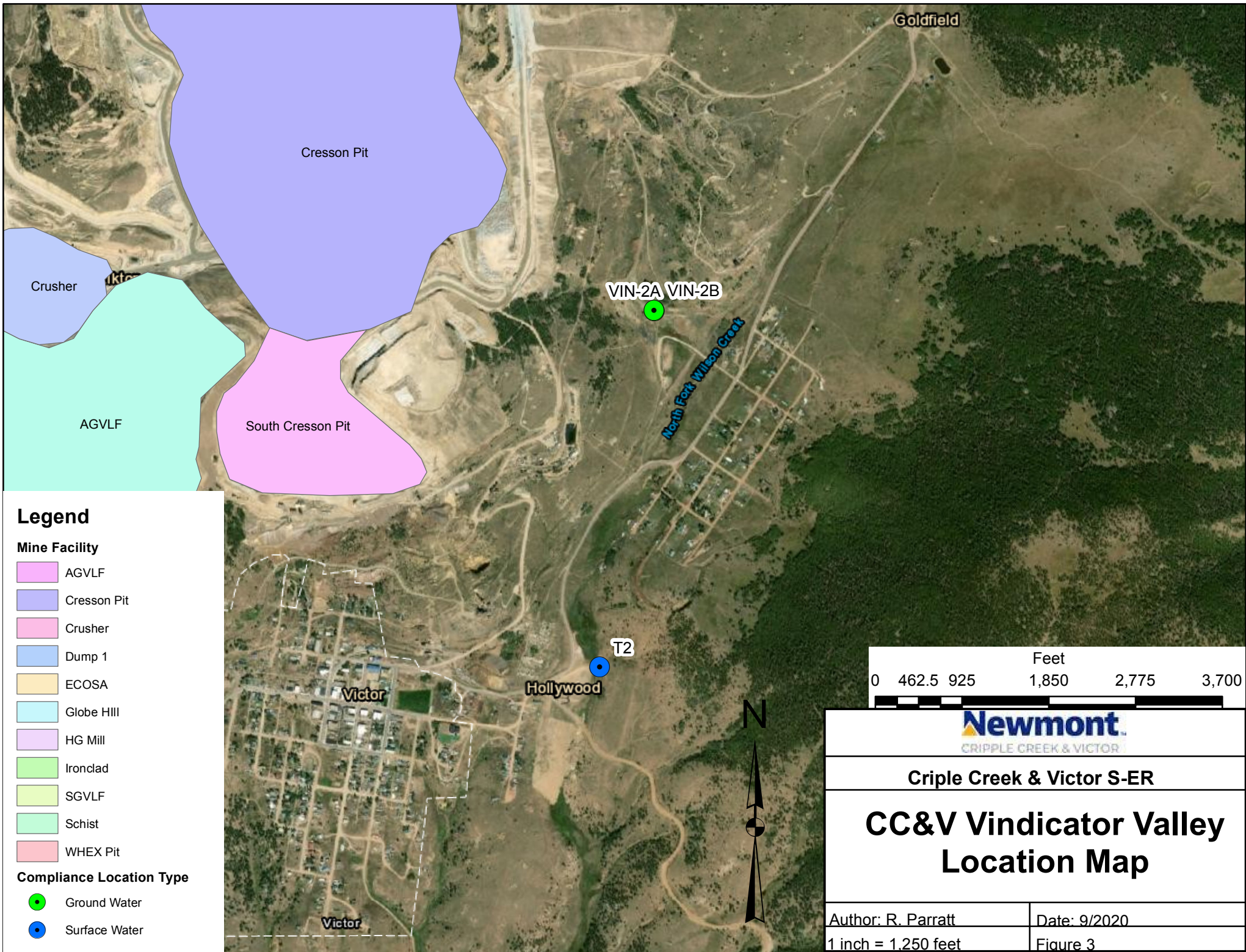
ECC:
Lynda Morgan

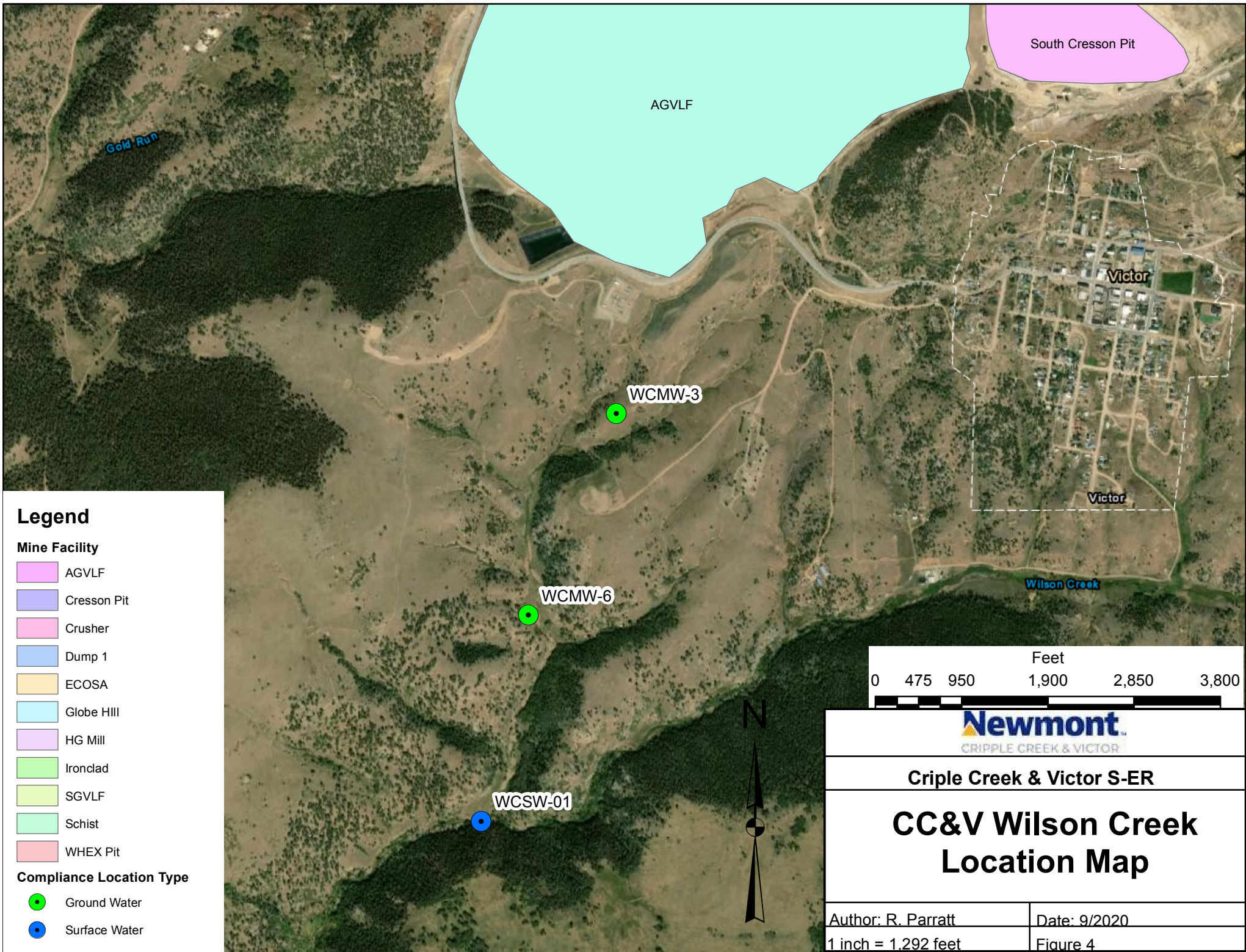
Appendix A

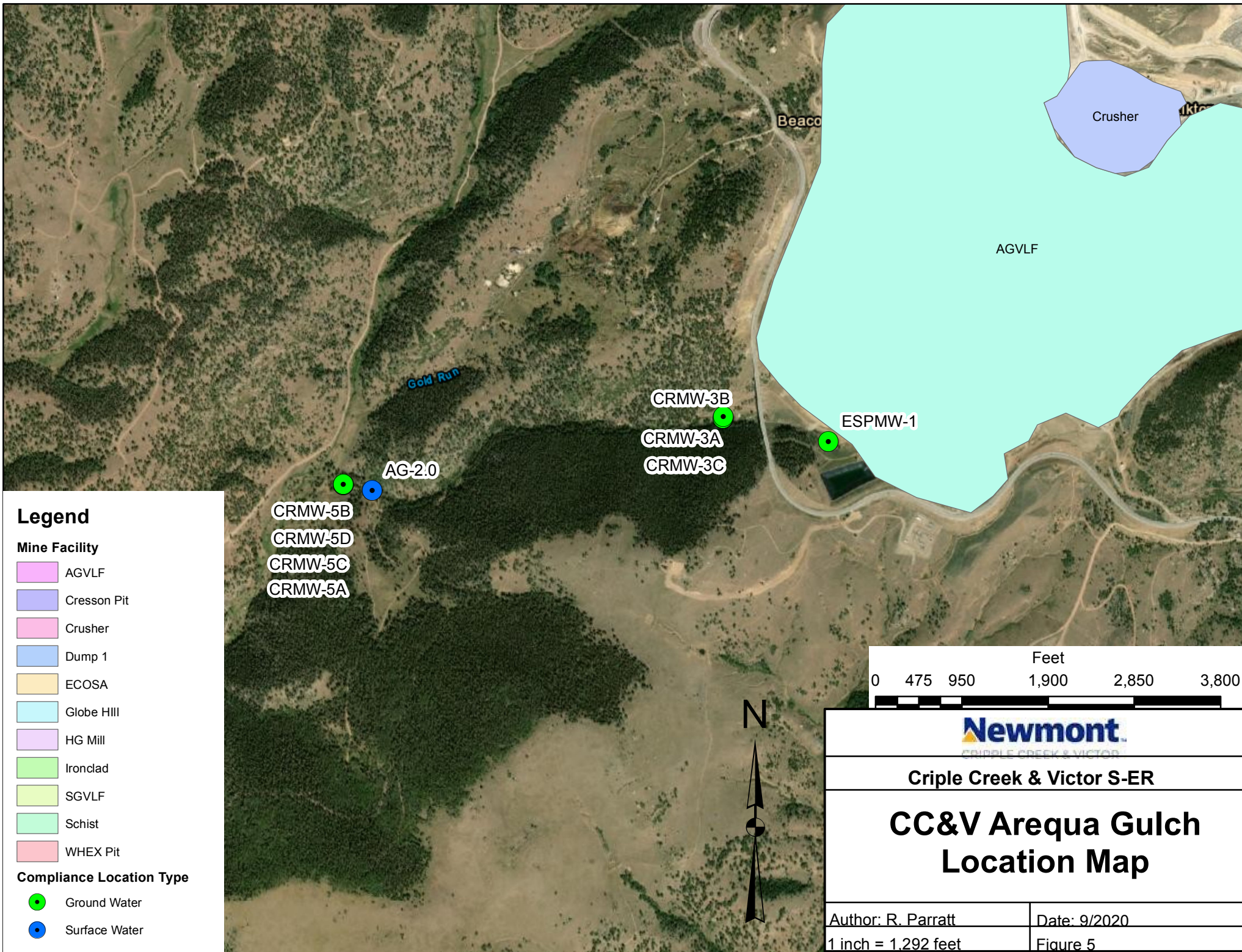
Location Maps

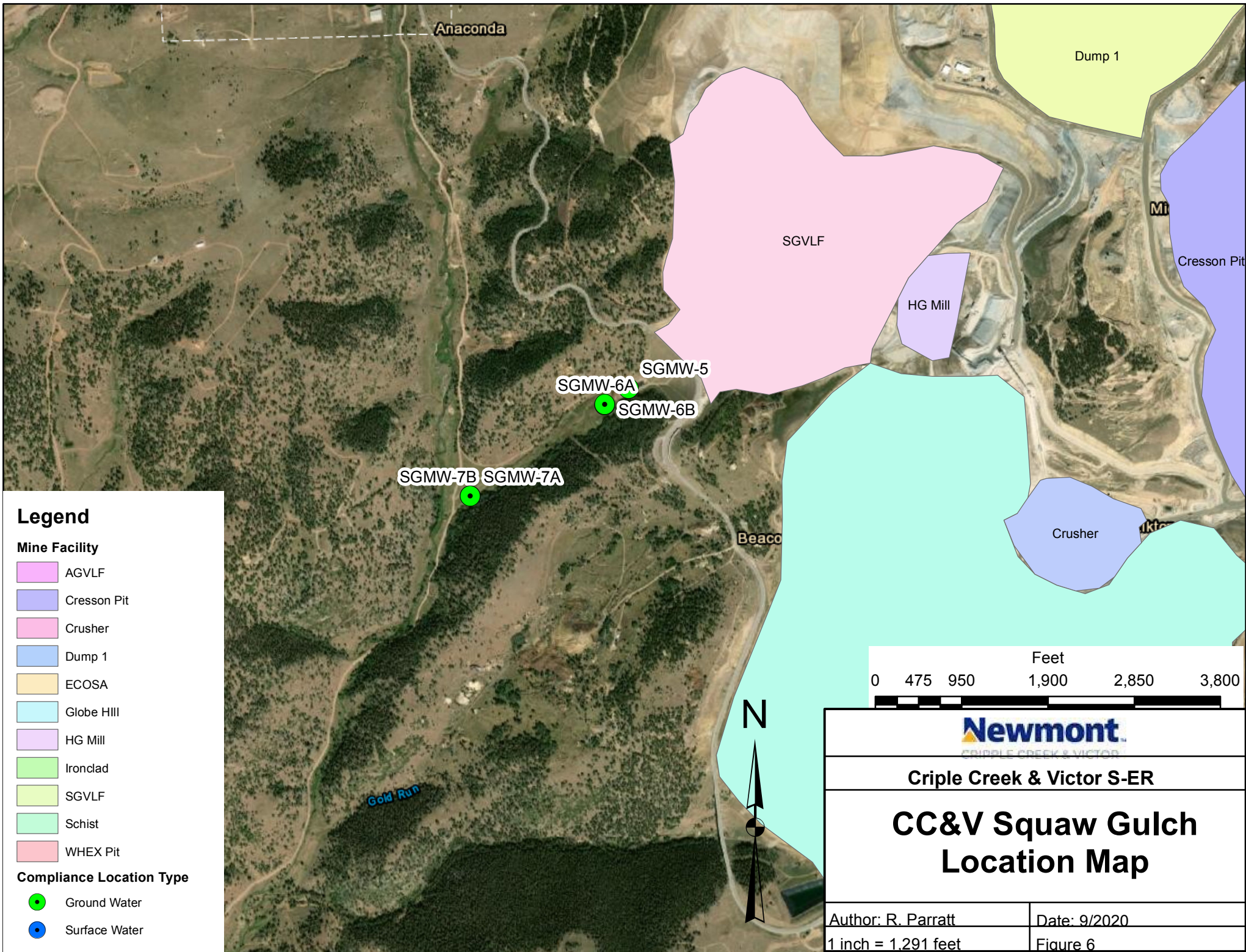


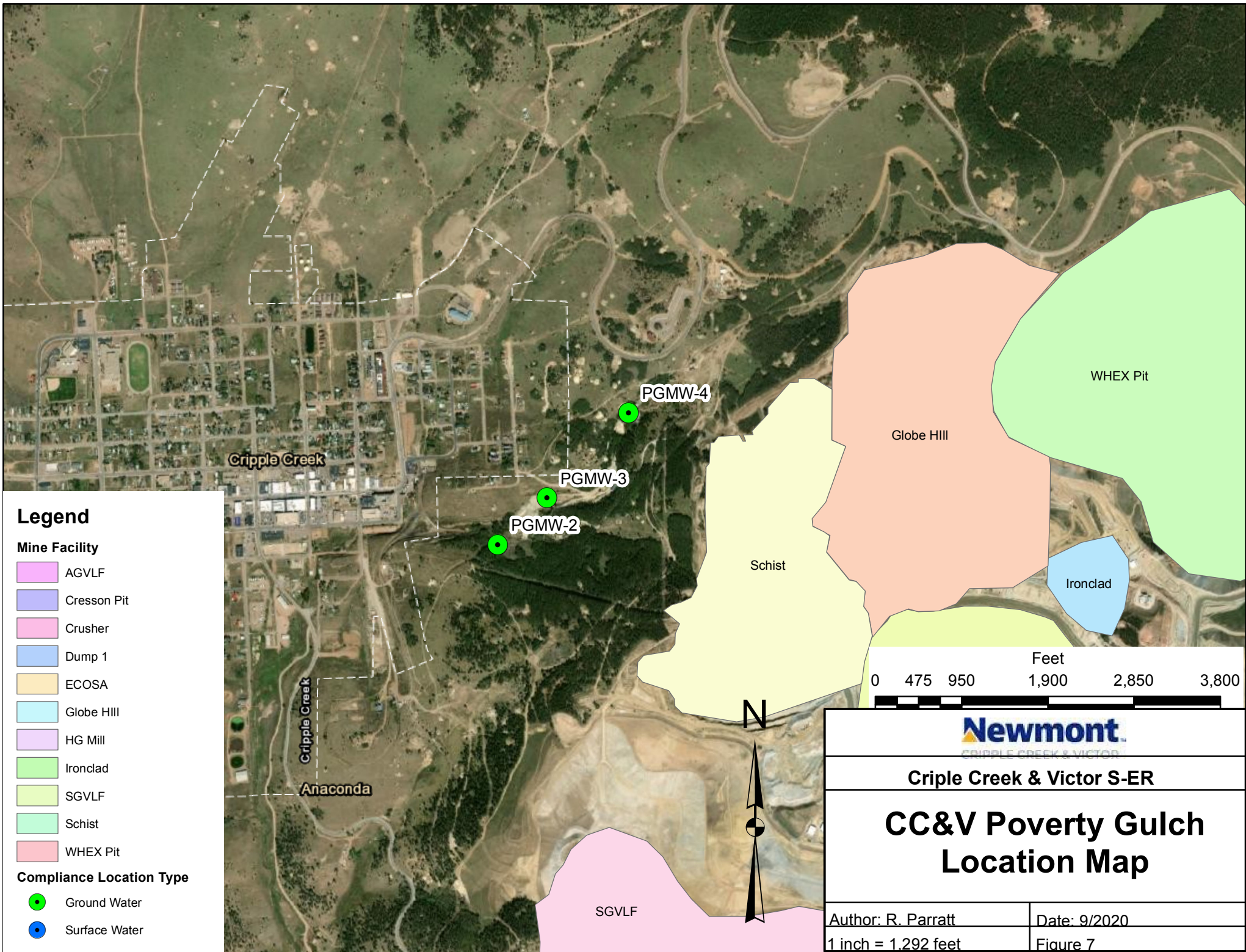












Field Sheets

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location : AG-2.0

Date: 2/24/21

Technician: KATY TOMPKINS

Quarter: 1

Time	Estimated water level (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
11:55	FROZEN (snow, no water)	N/A	N/A	N/A	N/A	

Sample Method: N/A

Oil/Gas visible [Y/N] N

Turbid [Y/N] N/A

Clear [Y/N] N/A

Weather: Sunny, clear, cold, windy

Signature: Katy Tompkins

Comments:

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Groundwater Sampling Log

Location : CCV

Date: 3-30-21

Technician: Gannon McCormick

Quarter: 1

Static Water Lvl: 19 ft

Well ID: CRMW-3A

Dry? [Y / ☒ N]

Dry at: _____

Insufficient to Pump? Reason for
[Y / ☒ N] insufficient:

purge run

Revisit in 24 hours? ☒ Y / N]

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
11:25	PURGE TO DRY @ 1:15 DRY				12/85	End @ 11:28
1:15						

Sample Method: dedicated pump Rate (gpm): 12/85 Time Start: 1125 Time End: 115

Final Parameters	Stabalization Guide	Met?	Comments
pH	0.1	Y/N	
Conductivity	3%	Y/N	
Temp. (°C)	10%	Y/N	
DO (mg/L)	10%	Y/N	
Final H2O level	feet		

Oil/Gas visible [Y / ☒ N]

Decontamination procedure used: 3 Rinse

Weather: Snowy

Signature: [Signature]

Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : CCV

Date: 3-31-21

Technician: Gannon McCormick

Quarter: 1

Static Water Lvl: 25.5 ft

Well ID: CRMW 3A

Dry? [Y / N]

Dry at: _____

Insufficient to Pump?	Reason for insufficient:
(Y/N)	

TD = 35 ft
not enough head from
pump to discharge point
pump @ max power lvl.

Revisit in 24 hours? [Y / N]

purged 3-30-21

[illegible]

Sample Method:

dedicated pump

Rate (gpm):

Time Start: 1:00 Time End: 1:00

Final Parameters	Stabalization Guide	Met?	Comments
pH	0.1	Y/N	
Conductivity	3%	Y/N	
Temp. (°C)	10%	Y/N	
DO (mg/L)	10%	Y/N	
Final H2O level	feet		

Oil/Gas visible [Y / N]

Decontamination procedure used: 3 rinses

Weather: Clear + Cool

Signature:

Groundwater Sampling Log

Location : CCU

Date: 3-31-21

Technician: Gannon McCormick

Quarter: 1

Static Water Lvl: 26.6

Well ID: CRMW-38

Dry? [Y/N] (N)

Dry at: _____

Insufficient to Pump? [Y/N] (N)
Reason for insufficient:

Revisit in 24 hours? [Y/N] (N)

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%)(mg/L)	Temp. (°C)	Notes
1230 PM	9 ft	6.70	2365	1.50	13.3	

Sample Method: dedicated purge 3X Rate (gpm): 1.3 Time Start: 1230 Time End: 1230

Final Parameters	Stabalization Guide	Met?	Comments
pH	<u>6.70</u>	0.1 <u>Y/N</u>	<u>N/A</u> <u>PURGED</u> <u>3-30-21</u>
Conductivity	<u>2365</u>	3% <u>Y/N</u>	
Temp. (°C)	<u>13.3</u>	10% <u>Y/N</u>	
DO (mg/L)	<u>1.5</u>	10% <u>Y/N</u>	
Final H2O level	<u>35.6</u>	feet	

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

Decontamination procedure used: 3 Rinse

Weather: Clear + Cool

Signature: [Signature]

Groundwater Sampling Log

Location: CCV

Date: 3-25-21

Technician: Gannon McCormick

Quarter: 1

Static Water Lvl: 27.3

Well ID: CRMW-3C

Dry? [Y/N] N

Dry at: N/A

Insufficient to Pump? [Y/N] N
Reason for insufficient:

N/A

Revisit in 24 hours? [Y/N]

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
11:10	16.3 16.3	6.79	2571	5.75	15.9	

Sample Method: dedicated high

Rate (gpm): 0.40

Time Start: 11:10 Time End: 11:10

Final Parameters	Stabalization Guide	Met?	Comments
pH	6.79	0.1 Y/N	
Conductivity	2571	3% Y/N	
Temp. (°C)	15.9	10% Y/N	
DO (mg/L)	5.75	10% Y/N	
Final H2O level	feet	10.9	

Oil/Gas visible [Y/N] N

Decontamination procedure used: 3 Rinse

Weather: Clear + Cool

Signature: [Signature]

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : CCJV

Date: 2/24/21

Technician: KATY TOMPKINS

Quarter: 1

Static Water Level: 197.9'

Well ID: CRMW-SA

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO (%/mg/L)	Notes
13:20	199 = 1.1'	6.71	704.0	7.6	4.7/0.56	
13:25	199.6 = 1.7'	6.98	693.0	8.2	5.0/0.58	
13:30	200 = 2.1'	7.01	689.0	11.2	22.5/2.48	
13:35	201.1 = 3.2'	7.28	664.6	11.8	39.8/4.31	FINAL

Sample Method: low flow Rate (gpm): 0.45 Time Start: 13:11 Time End: 13:35

Final Parameters	Stabilization Guidance	Met?	Comments
pH	<u>7.28</u>	0.1	Y/N
Conductivity	<u>664.6</u>	3%	Y/N
Temp@	<u>11.8</u>	10%	Y/N
DO (mg/L)	<u>4.31</u>	10%	Y/N
Final H2O level	<u>201.1'</u>	feet	

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: 3 RINSE/DI

Signature: Katy Tompkins

Weather: sunny, clear, cold, windy

Groundwater Sampling Log

Date: 2/24/21

Quarter: 1

Well ID: CRMW-5B

Figure 1

low flow

Met?

Turbid? Y/N

YN

3 runs / DI

Katey Taylor

Sunny, clear, cold, windy

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : CC&V

Date: 2/24/21

Technician: KATY TOMPKINS

Quarter: 1

Static Water Level: 24.5'

Well ID: CRMW-5C

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO (%/mg/L)	Notes
14:30	24.9' = 0.4'	6.97	243.3	7.5	35.2/4.19	
14:37	25.0' = 0.5'	6.79	241.2	7.4	34.4/4.09	
14:44	25.5' = 1.0'	6.77	242.2	7.6	32.9/3.95	FINAL

Sample Method: low flow Rate (gpm): 0.35 Time Start: 14:20 Time End: 14:44

Final Parameters	Stabilization Guidance	Met?	Comments
pH	6.77	0.1	Y/N
Conductivity	242.2	3%	Y/N
Temp°C	7.6	10%	Y/N
DO (mg/L)	3.95	10%	Y/N
Final H2O level	25.5'	feet	

O/G visible: Y/N

Turbid?

Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: 3 RINSE/DI

Signature:

Weather:

Katy Tompkins
sunny, clear, cold, windy

Groundwater Sampling Log

Well ID: CRMW-5D

sunny, clear, cold, windy

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location : D.I Blank

Date: 3-25-21

Technician: Gannon McCormick

Quarter: 1

Time	Estimated water level (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
1:50pm	—	7.69	157	7.18	10.5	

Sample Method: D.I blank

Oil/Gas visible [Y/N]

Turbid [Y/N]

Clear [Y/N]

Weather: N/A

Signature: 

Comments:

blank

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location : DJ. Blank #2

Date: 3-31-21

Technician: Gannon McCormick

Quarter: 1

Time	Estimated water level (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
2:15	—	7.57	164.9	6.03	10.2	

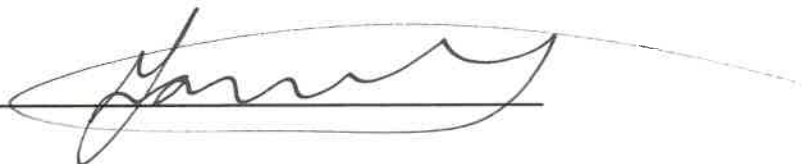
Sample Method: Grab

Oil/Gas visible [Y / N]

Turbid [Y / N]

Clear [Y / N]

Weather: Clear + Cool

Signature: 

Comments:

<u>Blank</u>

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location : GV-02

Date: 2/11/21

Technician: KATY TOMPKINS

Quarter: 1

Time	Estimated water level (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
11:00	DRY	N/A	N/A	N/A	N/A	

Sample Method: DRY

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

Turbid [Y/N] N/A

Clear [Y/N] N/A

Weather: Sunny, clear, cold, windy

Signature: Katy Tompkins

Comments:

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Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location : GV-03

Date: 2/11/21

Technician: KATY TOMPKINS

Quarter: 1

Time	Estimated water level (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
10:45	DRY	N/A	N/A	N/A	N/A	

Sample Method: DRY

Oil/Gas visible [Y/N] N

Turbid [Y/N] N/A

Clear [Y/N] N/A

Weather: sunny, clear, cold, windy

Signature: Katy Tompkins

Comments:

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Groundwater Sampling Log

Location : GUMW-3A

Date: 3-23-21

Technician: Gannon McCormick

Quarter: 1

Static Water Lvl: 158

Well ID: GUMW-3A

Dry? [Y/N]

Dry at: _____

Insufficient to Pump? Reason for
[Y/N] insufficient:

Revisit in 24 hours? [Y/N]

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
10:15	1.0	7.20	421	2.90	7.1	
10:20	1.2	7.16	421	2.80	7.8	
10:25	1.3	7.13	420	2.60	7.7	

Sample Method: pump/low flow Rate (gpm): 1L/min Time Start: 1015 Time End: 1025

Final Parameters	Stabalization Guide	Met?	Comments
pH	7.13	0.1	Y/N
Conductivity	420	3%	Y/N
Temp. (°C)	7.7	10%	Y/N
DO (mg/L)	2.60	10%	Y/N
Final H2O level	feet	159.3	

Oil/Gas visible [Y/N]

Decontamination procedure used: Dedicated pump

Weather: clear + cool

Signature: [Signature]

Groundwater Sampling Log

Date: 3/2/21

Quarter: 1

Well ID: GVMW-8B

Sample Method: _____ **Rate (gpm):** _____ **Time Start:** _____ **Time End:** _____

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

Equipment Decontaminated: Y/N

Decontamination procedure used:

Signature:

Weather:

Wetly Dryly
sunny, clear, cool, windy

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : CC + V

Date: 2/1/21

Technician: KATY TOMPKINS

Quarter: 1

Static Water Level: 3.1'

Well ID: GVMW-22A

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO (%/mg/L)	Notes
12:14	2.3	6.98	404.5	5.7	0.04	
12:20	4.5	7.13	403.8	5.9	0.05	
12:27	7.8	7.34	402.6	6.0	1.10	
12:33	9.5	7.42	401.2	5.9	1.65	
12:38	10.4	7.47	401.4	6.1	0.68	
12:44	10.8	7.52	401.8	6.2	0.35	FINAL

Sample Method: Low Flow Rate (gpm): 0.217 Time Start: 12:14 Time End: 12:53

Final Parameters	Stabilization Guidance	Met?	Comments
pH	7.52	0.1	Y/N
Conductivity	401.8	3%	Y/N
Temp@	6.2	10%	Y/N
DO (mg/L)	0.35	10%	Y/N
Final H2O level	13.9	feet	

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used:

3 RINSE, TAP/HQUINOX/D

Signature:

Weather:

Katy Tompkins
overcast, light breeze, chilly

Cripple Creek & Victor Gold Mining Co

Location : CCV

Date: 3-23-21

Technician: Gannon McCormick

Quarter: _____

Static Water Lvl: ~ 8 ft

Well ID: GVMD-2214

Dry? [Y / N]

Dry at: _____

Insufficient to Pump?

[Y/N]

Reason for insufficient:

Well casing is frozen
cannot get pump down well

Revisit in 24 hours? [Y / N]

[illegible]

Sample Method:

Rate (gpm): _____

Time Start:

Time End:

Final Parameters	Stabalization Guide	Met?	Comments
pH		0.1	Y/N
Conductivity		3%	Y/N
Temp. (°C)		10%	Y/N
DO (mg/L)		10%	Y/N
Final H2O level		feet	

Oil/Gas visible [Y / N]

Decontamination procedure used: _____

Weather: Windy + Cold

Signature: _____

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: CC + V

Date: 2/1/21

Technician: KATY TOMPKINS

Quarter: 1

Static Water Level: 4.6'

Well ID: GMVW-22B

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO (mg/L)	Notes
11:02	0.8	6.69	446.0	5.8	0.25	
11:08	1.0	6.45	432.5	5.9	0.36	
11:14	1.0	6.41	413.3	5.9	0.55	
11:20	0.9	6.38	396.1	5.8	0.62	
11:27	0.8	6.39	381.3	5.8	0.68	FINAL

Sample Method: Low Flow Rate (gpm): 0.369 Time Start: 11:02 Time End: 11:30
(43 Sec/L)

Final Parameters	Stabilization Guidance	Met?	Comments
pH	6.39	0.1	Y/N
Conductivity	381.3	3%	Y/N
Temp@	5.8	10%	Y/N
DO (mg/L)	0.68	10%	Y/N
Final H2O level	5.4'	feet	

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: 3 RINSÉ + TAP/LIAQUINOX/DI

Signature: Katy Tompkins

Weather: overcast, no wind, cold

Groundwater Sampling Log

Date: 3/2/21

Quarter: _____

Well ID: GVMW-25

IN SUFF TO PUMP,
PUMP RAN DRY

O/G visible: Y ☒ N
Equipment Decontaminated: ☒ Y ☐ N
Decontamination procedure used: 3 RINSE / 01
Signature: Katy Taylor
Weather: sunny, clear, cool, windy

NOTES: NEED TO TRY TO SAMPLE AGAIN.

Cripple Creek & Victor Gold Mining Co

Location : CCV

Date: 3/22/21

Technician: Gannon McCormick

Quarter: /

Static Water Lvl: 74.6 ft

Well ID: GVMW-25

Dry? [Y / N]

Dry at: _____

Insufficient to Pump?
[Y/N]

Reason for insufficient:

Dry run on pump.
Not enough head.

Revisit in 24 hours? [Y / **N**][illegible]

Sample Method:

Rate (gpm): _____

Time Start:

Time End:

Final Parameters	Stabalization Guide	Met?	Comments
pH		0.1	Y/N
Conductivity		3%	Y/N
Temp. (°C)		10%	Y/N
DO (mg/L)		10%	Y/N
Final H2O level		feet	

Oil/Gas visible [Y / N]

Decontamination procedure used: _____

Weather:

Signature:

Snow
James

Groundwater Sampling Log

Date: 2/11/21 12:20pm

Quarter: 1

Well ID: PGMW-2

[illegible]

Sample Method: _____ **Rate (gpm):** _____ **Time Start:** _____ **Time End:** _____

Final Parameters	Stabilization Guidance	Met?	Comments
pH		0.1	Y/N
Conductivity		3%	Y/N
Temp©		10%	Y/N
DO (mg/L)		10%	Y/N
Final H2O level		feet	

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

Equipment Decontaminated: Y/N

Decontamination procedure used:

Signature:

Weather:

Groundwater Sampling Log

Well ID: PGmw-3

Weather:

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : CCV

Date: 3-29-21

Technician: Gannon McCormick

Quarter: 1

Static Water Lvl: 53ft

Well ID: PGMW-3

Dry? [Y / ☒ N]

Dry at: N/A

Insufficient to Pump? ☒ [Y / N] Reason for insufficient:

Dry Run indicated on pump. Insufficient head
TID = 56ft 3ft head

Revisit in 24 hours? [Y / ☒ N]

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
9:00AM						

Sample Method:

low flow

Rate (gpm):

Time Start:

Time End:

Final Parameters	Stabalization Guide	Met?	Comments
pH	0.1	Y/N	
Conductivity	3%	Y/N	
Temp. (°C)	10%	Y/N	
DO (mg/L)	10%	Y/N	
Final H2O level	feet		

Oil/Gas visible

[Y / ☒ N]

Decontamination procedure used:

3 Rinse

Weather:

Clear + Cool

Signature:

[Signature]

Groundwater Sampling Log

Date: 2/11/21 | 3:00

Quarter: _____

Well ID: PGMW-4

[illegible]

Sample Method: _____ **Rate (gpm):** _____ **Time Start:** _____ **Time End:** _____

Final Parameters	Stabilization Guidance	Met?	Comments
pH		0.1	Y/N
Conductivity		3%	Y/N
Temp©		10%	Y/N
DO (mg/L)		10%	Y/N
Final H2O level		feet	

O/G visible: Y/N

Turbid?

Equipment Decontaminated:

Decontamination procedure used:

Signature:

Weather:

Groundwater Sampling Log

Location : CC4 ✓

Date: 2/22/21

Technician: KATHY TOMPKINS

Quarter: 1

Static Water Level: Dry

Well ID: SGMW-5

[illegible]

Sample Method:	Rate (gpm):	Time Start:	Time End:
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Final Parameters	Stabilization Guidance	Met?	Comments
pH		0.1	Y/N
Conductivity		3%	Y/N
Temp@		10%	Y/N
DO (mg/L)		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: 2/22/21

Quarter: 1

Well ID: SGMW - 6A

DRY

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

Decontamination procedure used:

Weather: clear, sunny, cold

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : CC&V

Date: 2/23/21

Technician: KATY TOMPKINS

Quarter: 1

Static Water Level: 29.5'

Well ID: SGMW-6B

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	DO (%/mg/L)	Notes
13:25	30.2' = 0.7'	5.7	2230	9.3	0.31	
13:33	30.5' = 1.0'	5.89	2239	9.8	0.24	
13:40	30.7' = 1.2'	5.96	2217	10.1	0.24	FINAL

Sample Method: low flow Rate (gpm): 0.26 Time Start: 13:25 Time End: 13:40

Final Parameters	Stabilization Guidance	Met?	Comments
pH	5.96	0.1	Y/N
Conductivity	2217	3%	Y/N
Temp©	10.1	10%	Y/N
DO (mg/L)	0.24	10%	Y/N
Final H2O level	30.7'	feet	

O/G visible: Y(N)

Turbid? Y(N)

Equipment Decontaminated: Y(N)

Decontamination procedure used: 3 rinse, DI rinse, 1.9umox

Signature: Katy Tompkins

Weather: sunny, clear, cold

Groundwater Sampling Log

Location : CC+V

Date: 2/22/21

Technician: KATY TOMPKINS

Quarter: 1

Static Water Level: DRY

Well ID: SGMW - 7A

[illegible]

Sample Method: _____ **Rate (gpm):** _____ **Time Start:** _____ **Time End:** _____

Final Parameters	Stabilization Guidance	Met?	Comments
pH		0.1	Y/N
Conductivity		3%	Y/N
Temp©		10%	Y/N
DO (mg/L)		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: 2/23/21

Quarter: 1

Well ID: SGMW-7B

INSUFF TO PUMP

Rate (gpm): _____

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

Turbid? Y/N

Y/N

Kate Taylor

sunny, clear, cold

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location : T-2

Date: 1/13/21

Technician: KATY TOMPKINS

Quarter: 1

Time	Estimated water level (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
10:12	Dry	N/A	N/A	N/A	N/A	

Sample Method: DRY

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

Turbid [Y/N] N/A

Clear [Y/N] N/A

Weather: Sunny

Signature: Katy Tompkins

Comments:

--

Groundwater Sampling Log

Location : CCV

Date: 3-29-21

Technician: Gannon McCormick

Quarter: 1

Static Water Lvl: 258 ft

Well ID: VIN-2A

Dry? [Y / N]

Dry at: _____

Insufficient to Pump? Reason for insufficient:
(Y/N)

TD = 270 ft
pump does not have enough head.

Revisit in 24 hours? [Y / N]

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
9:20 AM						

Sample Method:

dedicated pump

Rate (gpm): _____

Time Start: _____

Time End: _____

Final Parameters	Stabalization Guide	Met?	Comments
pH	0.1	Y/N	
Conductivity	3%	Y/N	
Temp. (°C)	10%	Y/N	
DO (mg/L)	10%	Y/N	
Final H2O level	feet		

Oil/Gas visible

[Y / N] N/A

Decontamination procedure used:

3 Rinse w/ PI + Equinox

Weather:

Clear + Cool

Signature:

[Signature]

Groundwater Sampling Log

Location : CCV

Date: 3-29-21

Technician: Eannon McCormick

Quarter: 1

Static Water Lvl: 92.5 ft

Well ID: VIN-2B

Dry? [Y/N] (N)

Dry at:

Insufficient to Pump? Reason for
[Y/N] (N) insufficient:

TD = 140ft

Revisit in 24 hours? [Y/N] (N)

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
10:01	3 ft	6.87	1358	6.37	6.2	
10:06	9.9 ft	6.85	1351	3.09	6.3	
10:11	17.0 ft	6.93	1343	1.73	6.7	
10:16	17.2 ft	7.01	1338	1.81	6.9	↑
10:21	16.9 ft	7.07	1340	1.18	7.1	recharge!
10:26	16.9 ft	7.08	1340	1.16	7.1	↓
						✓

Sample Method: dedicate low flow Rate (gpm): 1L/min Time Start: 10:01 Time End: 10:26

Final Parameters	Stabalization Guide	Met?	Comments
pH	7.08	0.1 Y/N	
Conductivity	1340	3% Y/N	
Temp. (°C)	7.1	10% Y/N	
DO (mg/L)	1.16	10% Y/N	
Final H2O level	feet		

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

Decontamination procedure used: 3 Rinst

Weather: Clear + Cool

Signature: [Signature]

Groundwater

SAMPLE LOCATION : CRMW 3A-35Collar Elv (ft) : N/AReporting Period 2021 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	03/31/2021
Lab Test Date	-	
Sampled By	-	GM

No Sample Reason	---	Insufficient
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SAMPLE LOCATION : CRMW 3B-63

Collar Elv (ft) : N/A

Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1D0009-02
Sample Date	-	03/31/2021
Lab Test Date	-	04/14/2021
Sampled By	-	GM

pH Field (pH unit)	6.00-9.00	6.70
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	0.062
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0215
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	0.0684
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	288
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0506
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	0.0071
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	1.3
Fluoride - Total F (mg/L)	2.0000	3.24
Iron - Dissolved (mg/L)	14.0000	2.76
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	8.1000	8.44
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	0.0229
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.269
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.269
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	96.1
Sulfate - Total (mg/L)	1070.00	715
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1770
Total Suspended Solids (mg/L)	---	155
Uranium - Dissolved (mg/L)	0.0300	0.0199
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.0271

SAMPLE LOCATION : CRMW 3C-124

Collar Elv (ft) : N/A

Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1C0465-01
Sample Date	-	03/25/2021
Lab Test Date	-	04/09/2021
Sampled By	-	GM

pH Field (pH unit)	6.00-8.50	6.79
Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	0.069
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	<0.00300
Barium - Dissolved (mg/L)	2.0000	0.0089
Beryllium - Dissolved (mg/L)	0.0040	0.00273
Boron - Dissolved (mg/L)	0.7500	0.0751
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	298
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0376
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	0.0093
Cyanide - WAD (mg/L)	0.2000	<0.0100
Flow (gpm)	---	0.40
Fluoride - Total F (mg/L)	2.0000	3.00
Iron - Dissolved (mg/L)	14.0000	0.220
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	0.114
Manganese - Dissolved (mg/L)	8.1000	3.12
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	0.238
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.238
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	98.0
Sulfate - Total (mg/L)	250.00	702
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1470
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.0242
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.0350

SAMPLE LOCATION : CRMW 5A-205

Collar Elv (ft) : N/A

Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1B0410-02
Sample Date	-	02/24/2021
Lab Test Date	-	03/11/2021
Sampled By	-	KT

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	0.0462
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	0.0637
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	12.3
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
Fluoride - Total F (mg/L)	2.0000	2.01
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	0.042
Manganese - Dissolved (mg/L)	3.0000	0.0220
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	0.514
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.514
pH Field (pH unit)	6.0 – 8.5	7.28
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	32.8
Sulfate - Total (mg/L)	250.00	168
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	417
Total Suspended Solids (mg/L)	---	8.0
Uranium - Dissolved (mg/L)	0.0300	0.0892
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

SAMPLE LOCATION : CRMW 5B-143

Collar Elv (ft) : N/A

Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1B0410-04
Sample Date	-	02/24/2021
Lab Test Date	-	03/11/2021
Sampled By	-	KT

pH Field (pH unit)	6.00-8.50	7.47
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	0.0133
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)	---	8.70
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)	---	0.35
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	0.101
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
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	11.2
Sulfate - Total (mg/L)	250.00	65.2
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	222
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00935
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 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1B0410-03
Sample Date	-	02/24/2021
Lab Test Date	-	03/11/2021
Sampled By	-	KT

pH Field (pH unit)	6.00-8.50	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	0.0062
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)	---	10.2
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
Flow (gpm)	---	0.35
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	0.084
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	8.78
Sulfate - Total (mg/L)	250.00	49.0
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	118
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 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1B0410-01
Sample Date	-	02/24/2021
Lab Test Date	-	03/11/2021
Sampled By	-	KT

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	0.0447
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)	---	12.3
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
Fluoride - Total F (mg/L)	2.0000	3.15
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	0.0170
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.113
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.113
pH Field (pH unit)	6.0 – 8.5	5.87
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	6.99
Sulfate - Total (mg/L)	250.00	42.4
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	94
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 : ESPMW Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	03/31/2021
Lab Test Date	-	
Sampled By	-	GM

No Sample Reason	---	Not Pumping
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SAMPLE LOCATION : GVMW 8A-250Collar Elv (ft) : N/AReporting Period 2021 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1C0413-01
Sample Date	-	03/23/2021
Lab Test Date	-	04/09/2021
Sampled By	-	GM

pH Field (pH unit)	6.50-8.50	7.13
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)	---	49.7
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)	---	0.26
Fluoride - Total F (mg/L)	2.0000	1.93
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	<0.0080
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	1.49
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	1.49
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	24.1
Sulfate - Total (mg/L)	250.00	65.2
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	260
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00456
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 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	03/02/2021
Lab Test Date	-	
Sampled By	-	KT

No Sample Reason	---	DRY
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SAMPLE LOCATION : GVMW 22A-70Collar Elv (ft) : N/AReporting Period 2021 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1B0018-01
Sample Date	-	02/01/2021
Lab Test Date	-	02/17/2021
Sampled By	-	KT

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	0.111
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)	---	3.82
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	<0.0032
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0067
Fluoride - Total F (mg/L)	2.0000	2.08
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	0.149
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	0.0135
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
pH Field (pH unit)	6.0 – 8.5	7.52
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	35.6
Sulfate - Total (mg/L)	250.00	34.6
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	217
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00302
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

SAMPLE LOCATION : GVMW 22B-30 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1B0018-02
Sample Date	-	02/01/2021
Lab Test Date	-	02/17/2021
Sampled By	-	KT

pH Field (pH unit)	6.00-8.50	6.39
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	0.0439
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)	---	9.36
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	<0.0032
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0067
Flow (gpm)	---	0.369
Fluoride - Total F (mg/L)	2.0000	0.341
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	0.0097
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	0.568
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.568
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	21.2
Sulfate - Total (mg/L)	250.00	82.8
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	229
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 : GVMW-25 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	03/22/2021
Lab Test Date	-	
Sampled By	-	GM

No Sample Reason	---	Insufficient
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SAMPLE LOCATION : PGMW-2 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	02/11/2021
Lab Test Date	-	
Sampled By	-	KT

No Sample Reason	---	DRY
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SAMPLE LOCATION : PGMW-3 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	03/29/2021
Lab Test Date	-	
Sampled By	-	GM

No Sample Reason	---	Not Pumping
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SAMPLE LOCATION : PGMW-4 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	02/11/2021
Lab Test Date	-	
Sampled By	-	KT

No Sample Reason	---	DRY
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SAMPLE LOCATION : SGMW-5 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	02/22/2021
Lab Test Date	-	
Sampled By	-	KT

No Sample Reason	---	DRY
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SAMPLE LOCATION : SGMW 6A-400 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	02/22/2021
Lab Test Date	-	
Sampled By	-	KT

No Sample Reason	---	DRY
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SAMPLE LOCATION : SGMW 6B-60

Collar Elv (ft) : N/A

Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1B0385-01
Sample Date	-	02/23/2021
Lab Test Date	-	03/11/2021
Sampled By	-	KT

pH Field (pH unit)	6.00-8.50	5.96
Aluminium - Dissolved (mg/L)	7.0000	0.146
Ammonia (mg/L)	---	0.096
Antimony - Dissolved (mg/L)	0.0060	<0.00300
Arsenic - Dissolved (mg/L)	0.0100	0.00355
Barium - Dissolved (mg/L)	2.0000	0.0113
Beryllium - Dissolved (mg/L)	0.0040	0.0568
Boron - Dissolved (mg/L)	0.7500	0.0894
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)	---	140
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0149
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)	---	0.26
Fluoride - Total F (mg/L)	2.0000	7.14
Iron - Dissolved (mg/L)	14.0000	12.8
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	0.082
Manganese - Dissolved (mg/L)	3.0000	6.98
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	0.0184
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
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	53.0
Sulfate - Total (mg/L)	250.00	915
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1740
Total Suspended Solids (mg/L)	---	19.0
Uranium - Dissolved (mg/L)	0.0300	0.00221
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.0875

SAMPLE LOCATION : SGMW 7A-400 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	02/22/2021
Lab Test Date	-	
Sampled By	-	KT

No Sample Reason	---	DRY
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SAMPLE LOCATION : SGMW 7B-60 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	02/23/2021
Lab Test Date	-	
Sampled By	-	KT

No Sample Reason	---	INSUFFICIENT
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SAMPLE LOCATION : VIN 2A-270Collar Elv (ft) : N/AReporting Period 2021 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr	
Name of Certified Lab	(mg/L)*	Field	Field
Lab Reference #	-		
Sample Date	-	03/22/2021	03/29/2021
Lab Test Date	-		
Sampled By	-		GM

No Sample Reason	---	Inaccessible	INSUFFICIENT
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SAMPLE LOCATION : VIN 2B-140

Collar Elv (ft) : N/A

Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1C0531-01
Sample Date	-	03/29/2021
Lab Test Date	-	04/09/2021
Sampled By	-	GM

pH Field (pH unit)	6.50-8.50	7.08
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	0.0091
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)	---	9.42
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0066
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)	---	0.26
Fluoride - Total F (mg/L)	2.0000	0.148
Iron - Dissolved (mg/L)	14.0000	0.673
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	4.0000	3.24
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
No Sample Reason	---	Sample Collected
Selenium - Dissolved (mg/L)	0.0240	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	34.3
Sulfate - Total (mg/L)	800.00	708
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1040
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 : WCMW 3-134 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	03/22/2021
Lab Test Date	-	
Sampled By	-	GM

No Sample Reason	---	Inaccessible
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SAMPLE LOCATION : WCMW 6-234 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	03/22/2021
Lab Test Date	-	
Sampled By	-	GM

No Sample Reason	---	Inaccessible
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Surface Water

SAMPLE LOCATION : AG 2.0 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	02/24/2021
Lab Test Date	-	
Sampled By	-	KT

No Sample Reason	---	Frozen, snow no wa
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SAMPLE LOCATION : GV-02 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	02/11/2021
Lab Test Date	-	
Sampled By	-	KT

No Sample Reason	---	DRY
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SAMPLE LOCATION : GV-03 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	02/11/2021
Lab Test Date	-	
Sampled By	-	KT

No Sample Reason	---	DRY
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SAMPLE LOCATION : WCSW-01 Collar Elv (ft) : N/A Reporting Period 2021 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	03/22/2021
Lab Test Date	-	
Sampled By	-	GM

No Sample Reason	---	inaccessible
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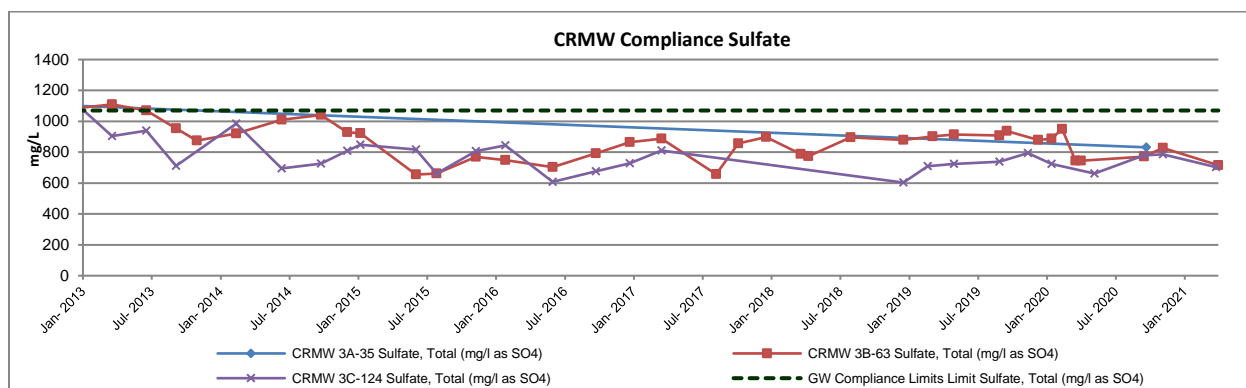
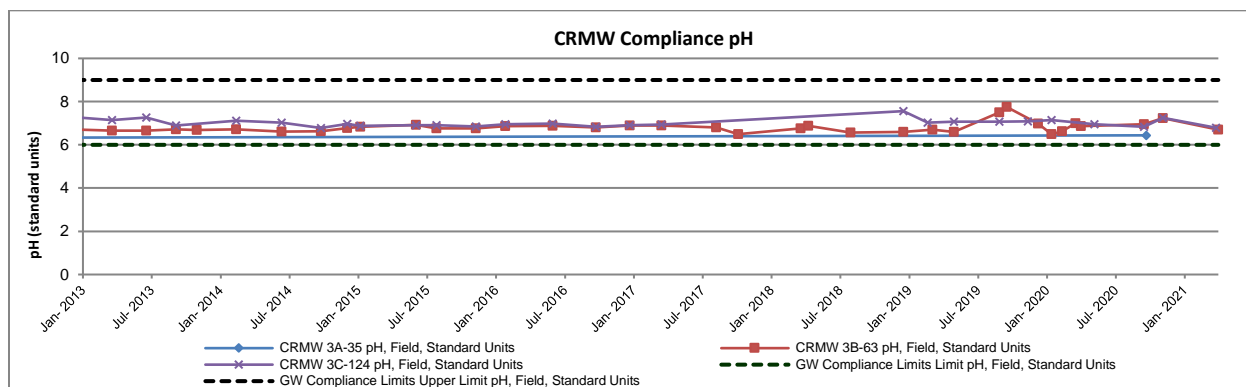
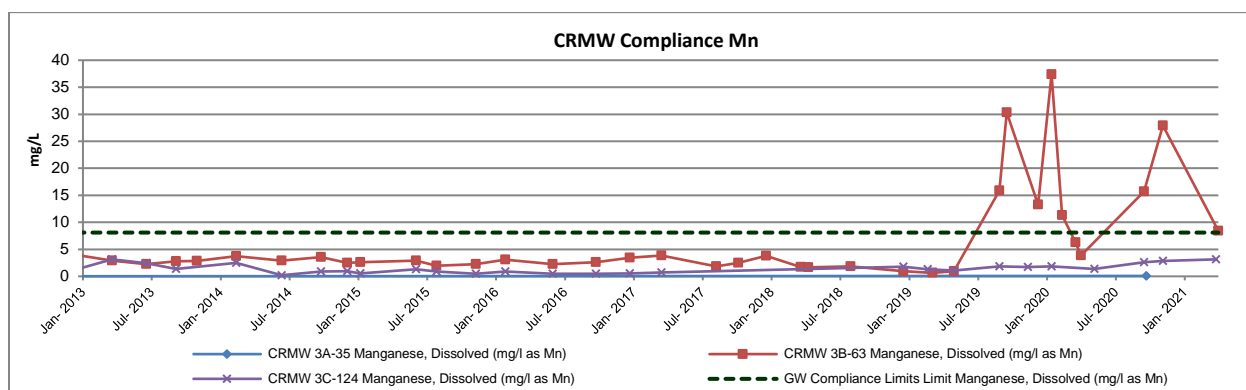
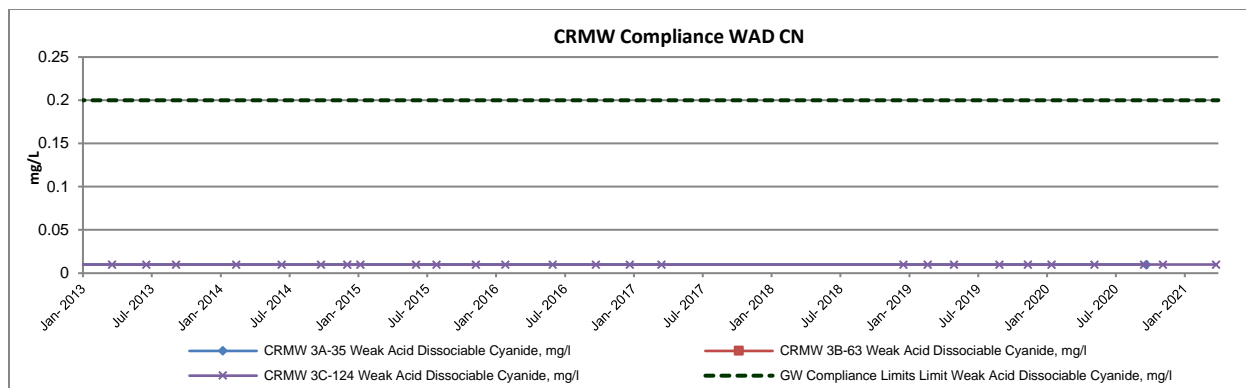
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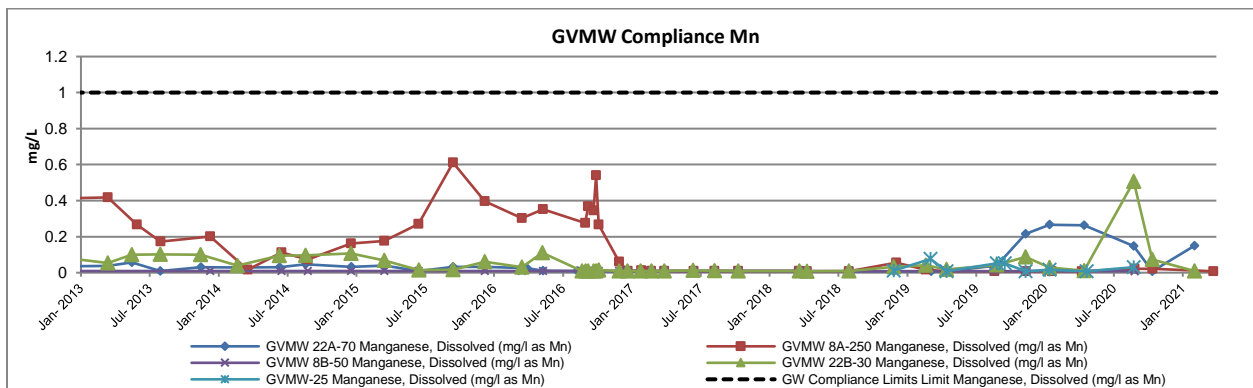
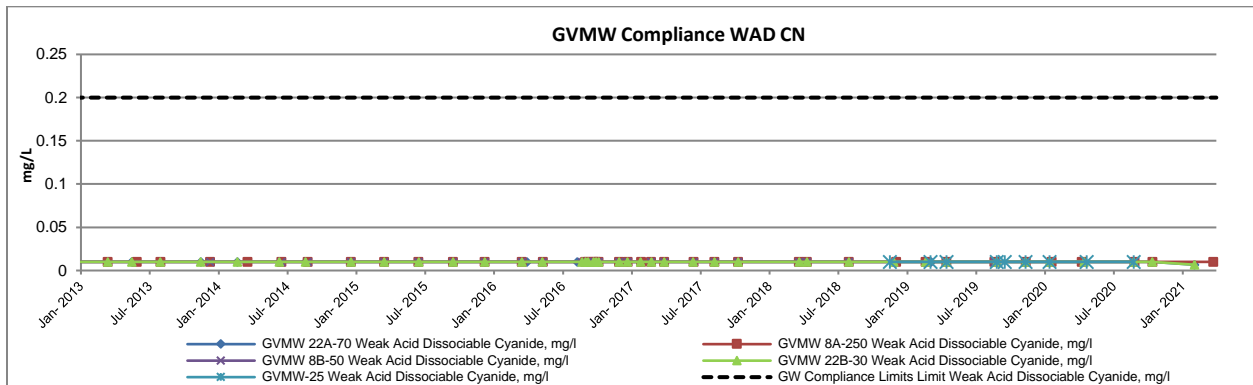
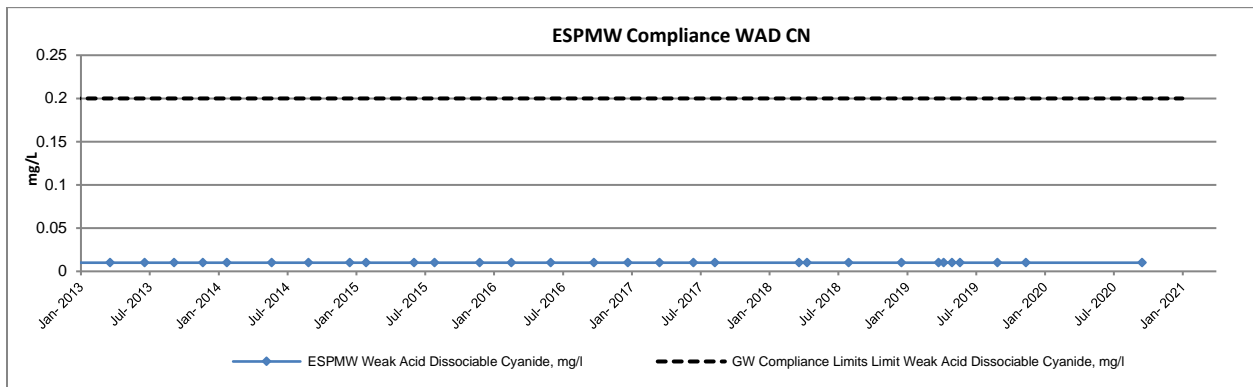
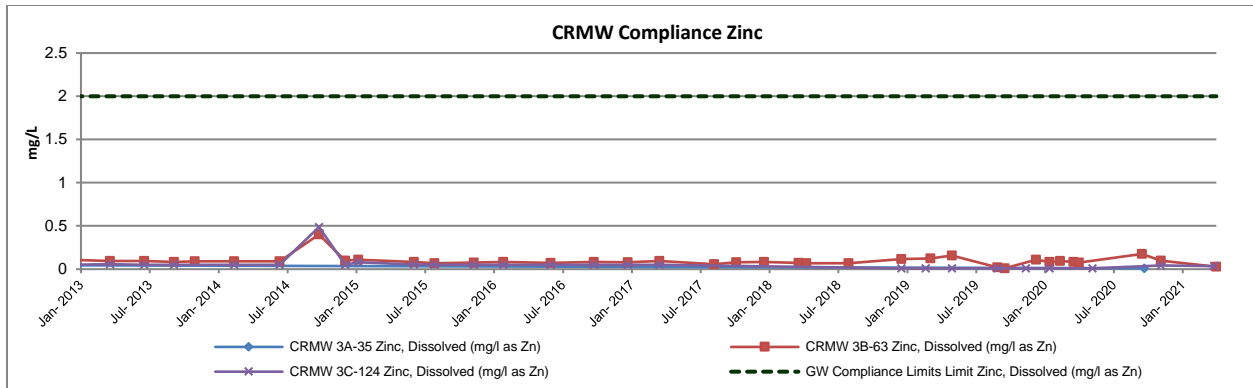
Results of Profile / Analyses

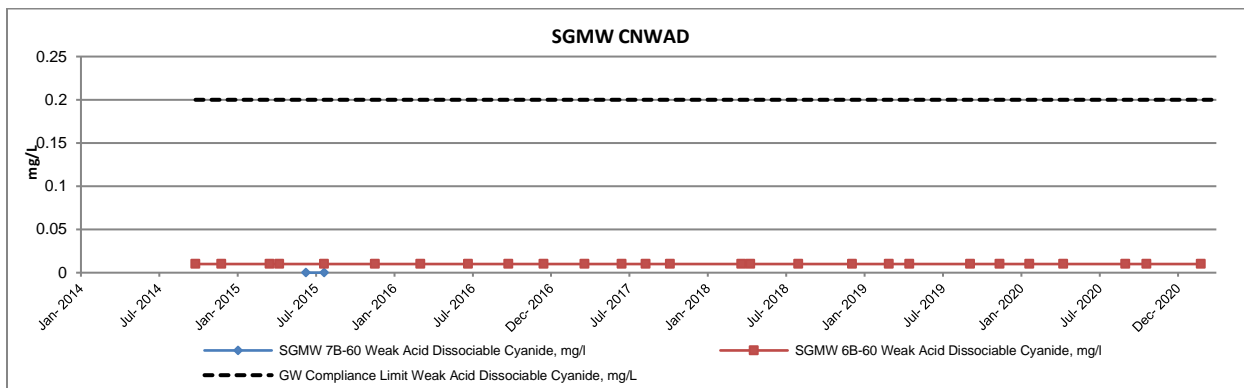
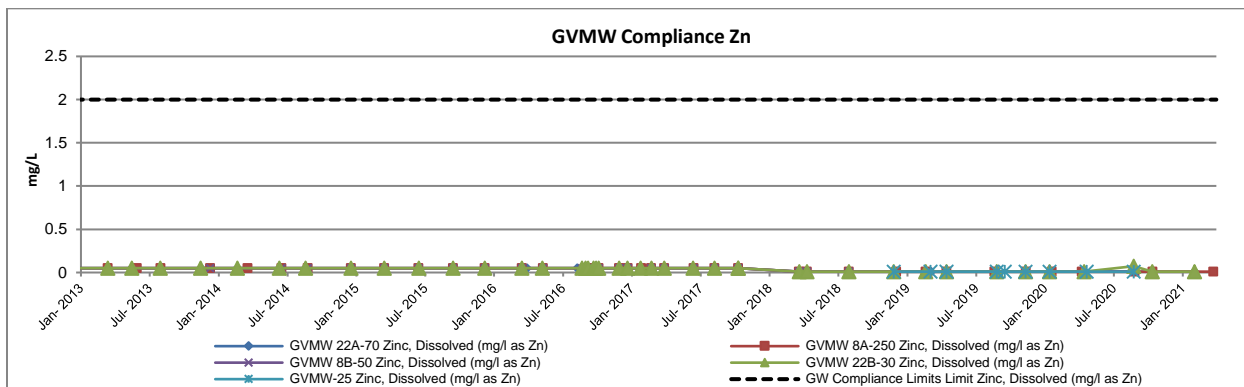
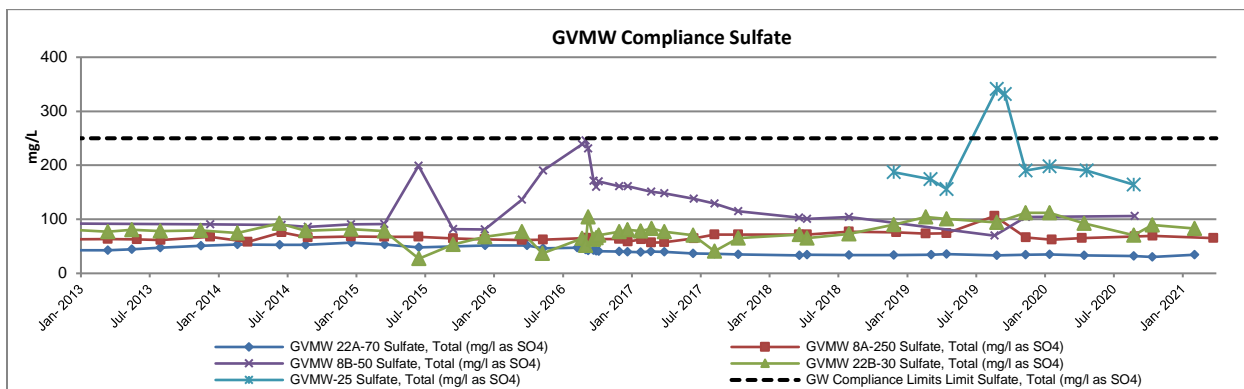
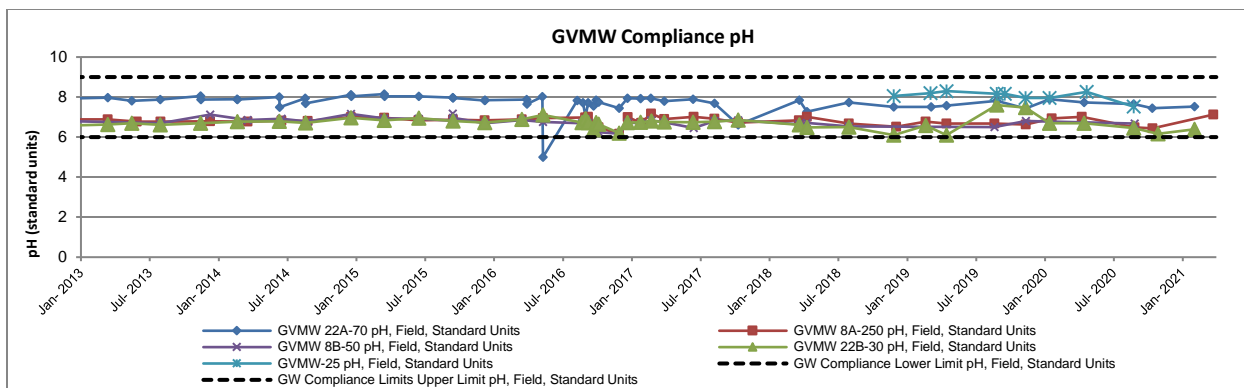
Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	01/13/2021
Lab Test Date	-	
Sampled By	-	KT

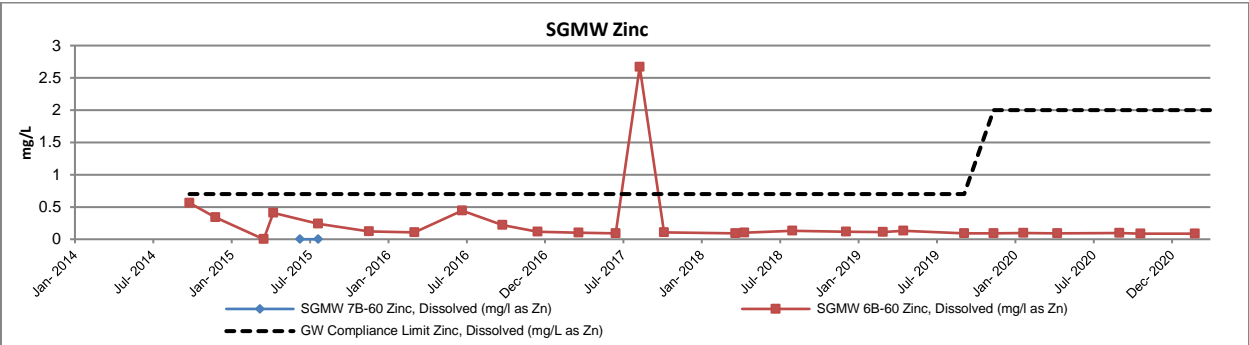
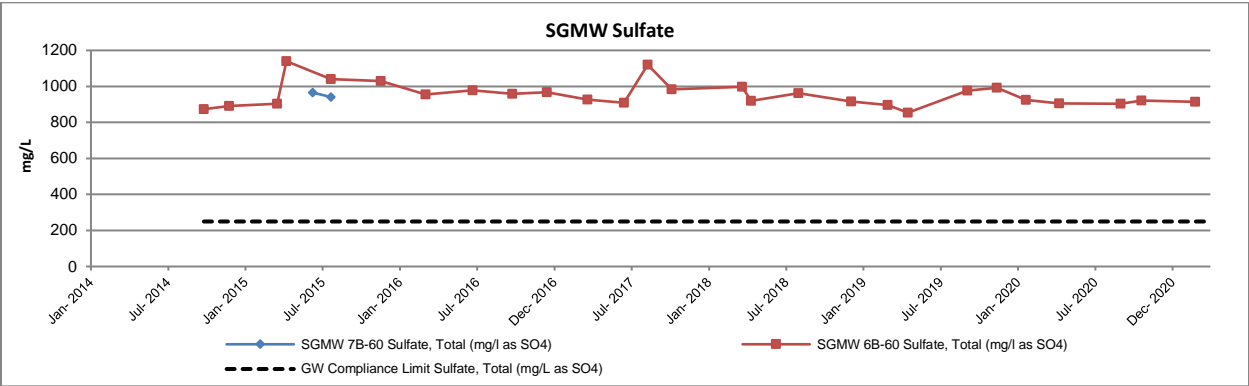
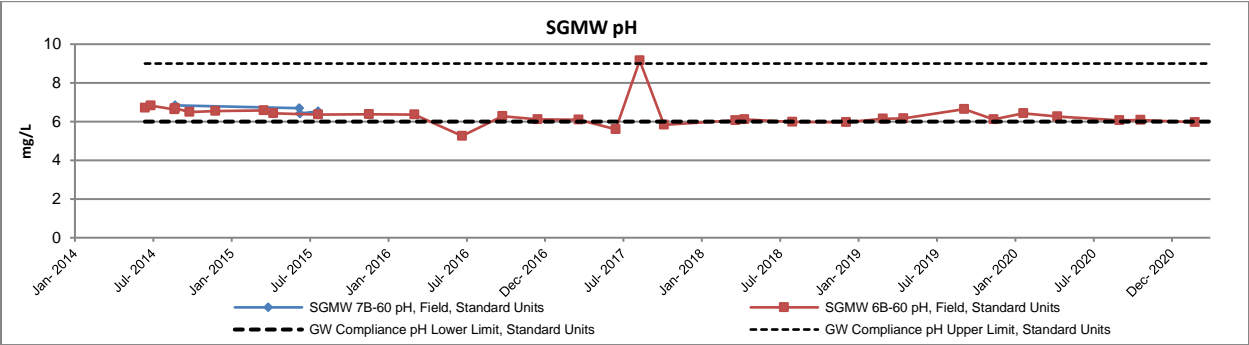
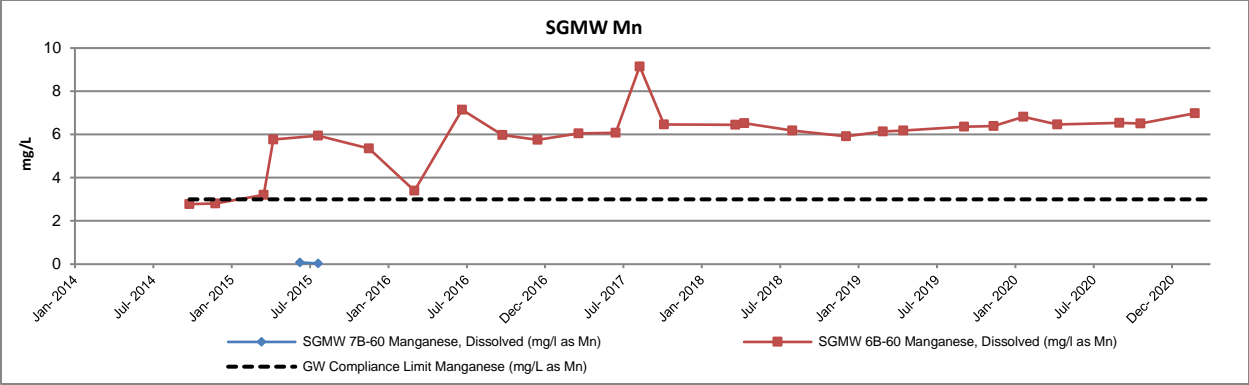
No Sample Reason	---	DRY
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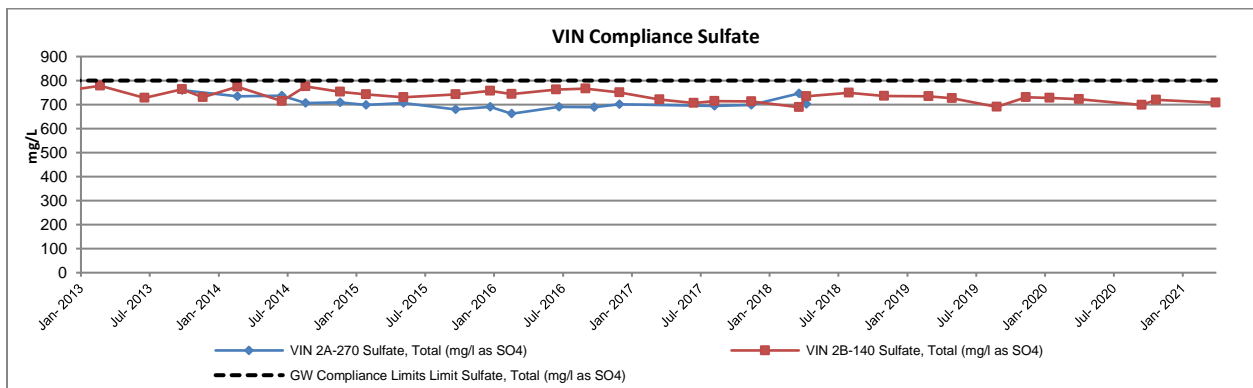
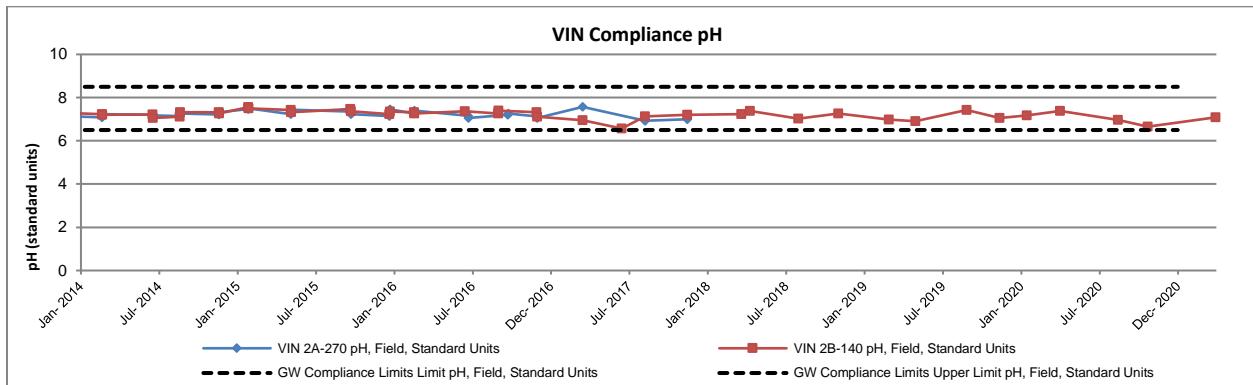
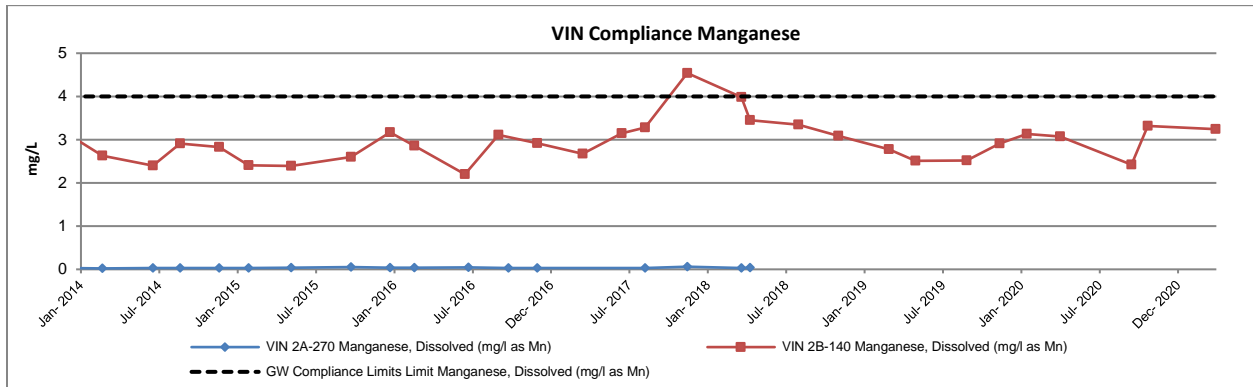
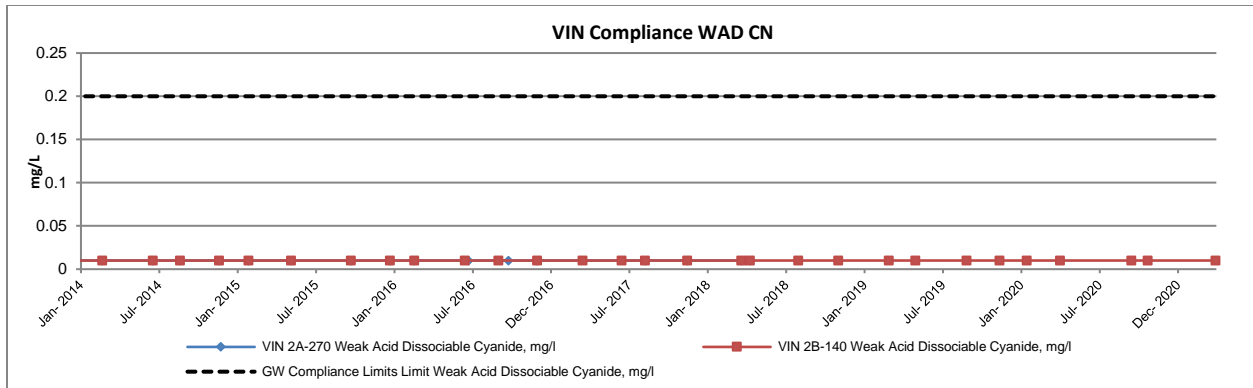
Graphs

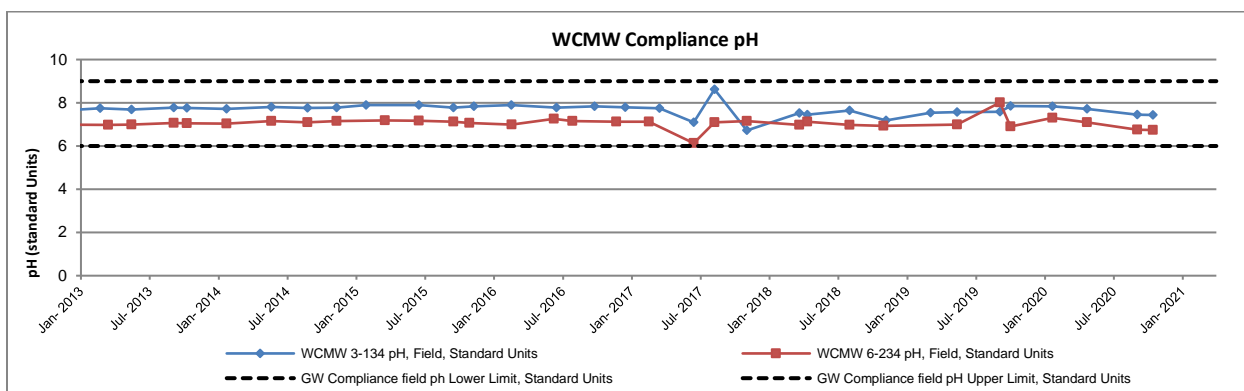
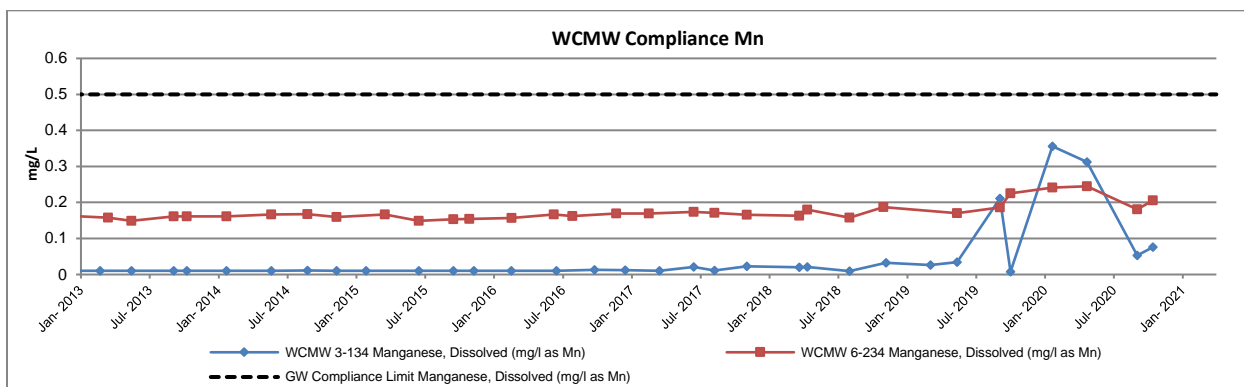
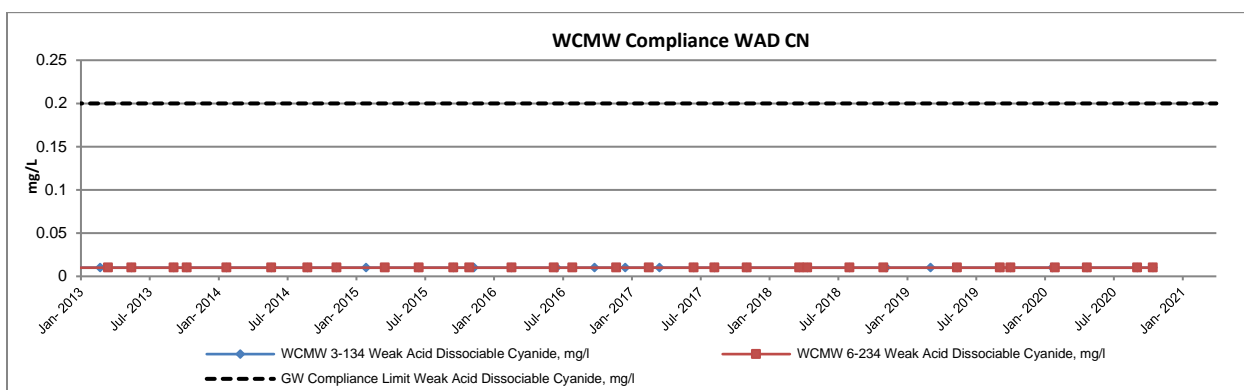
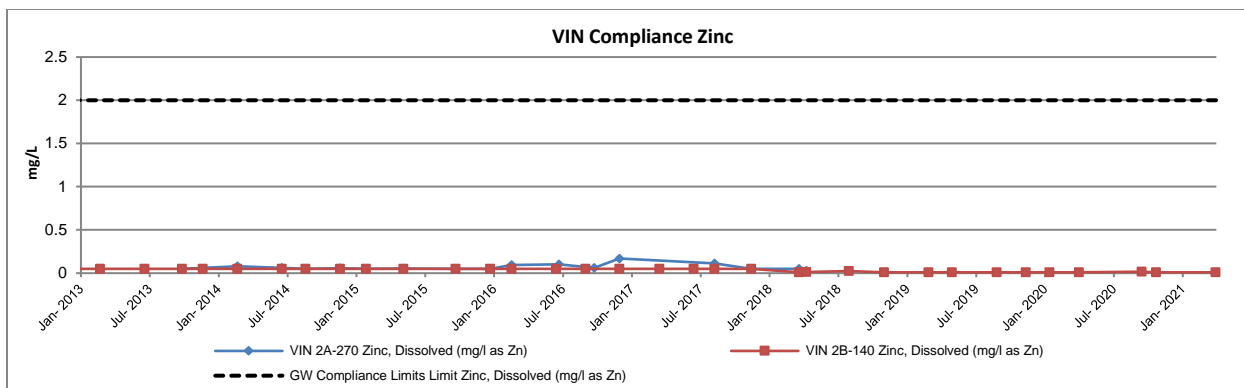


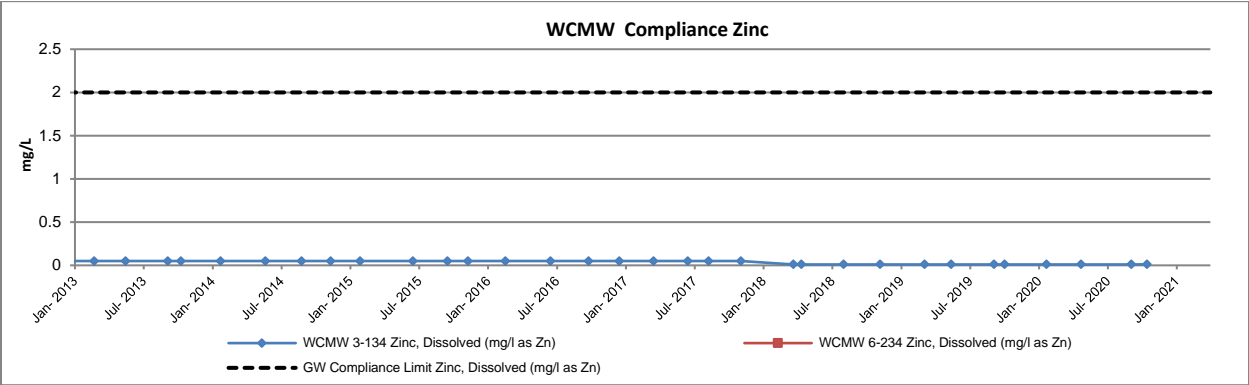
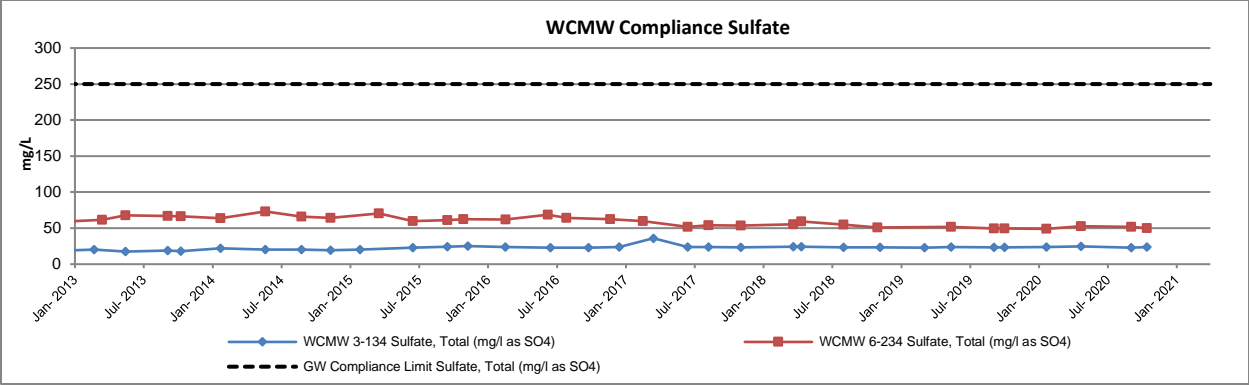




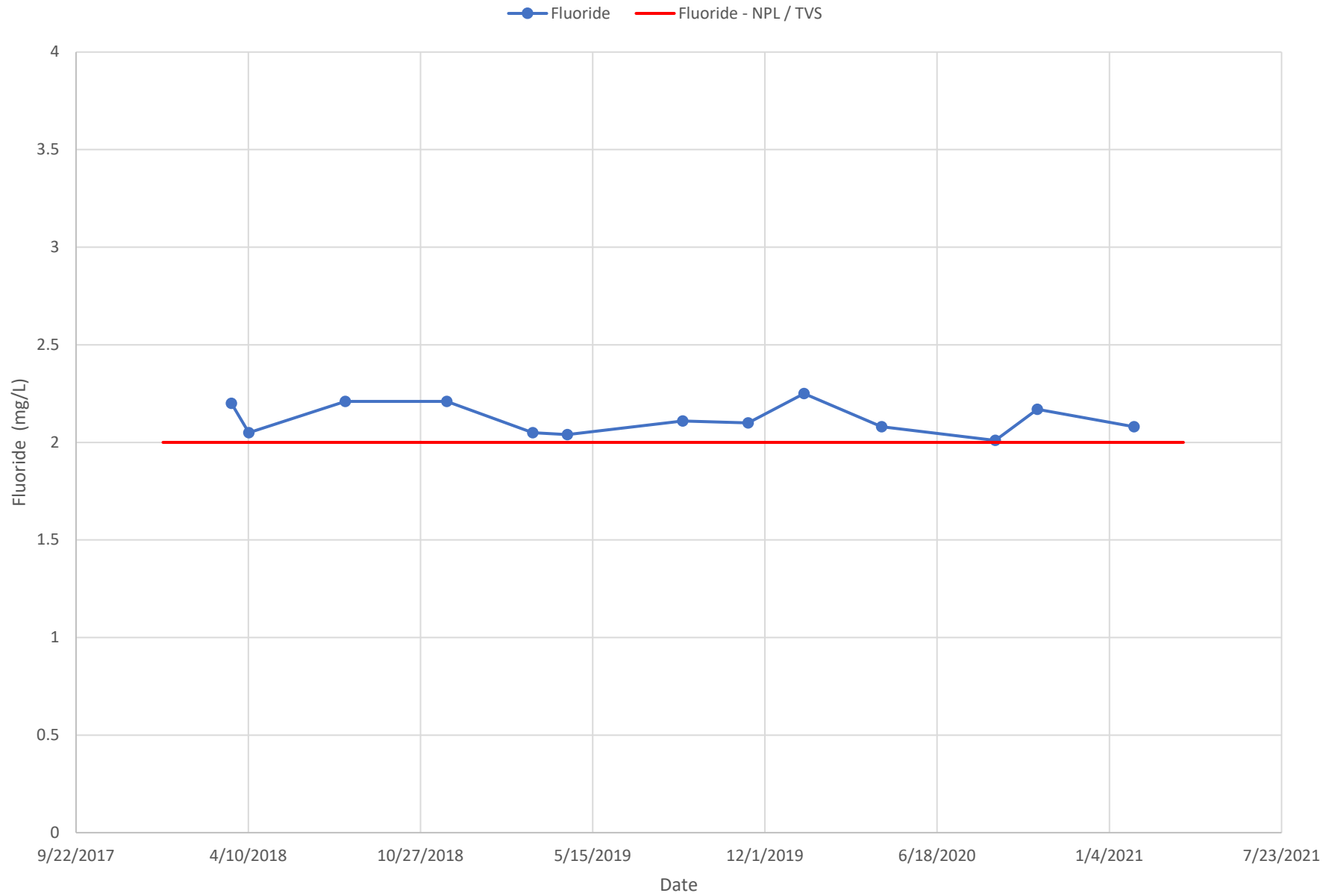




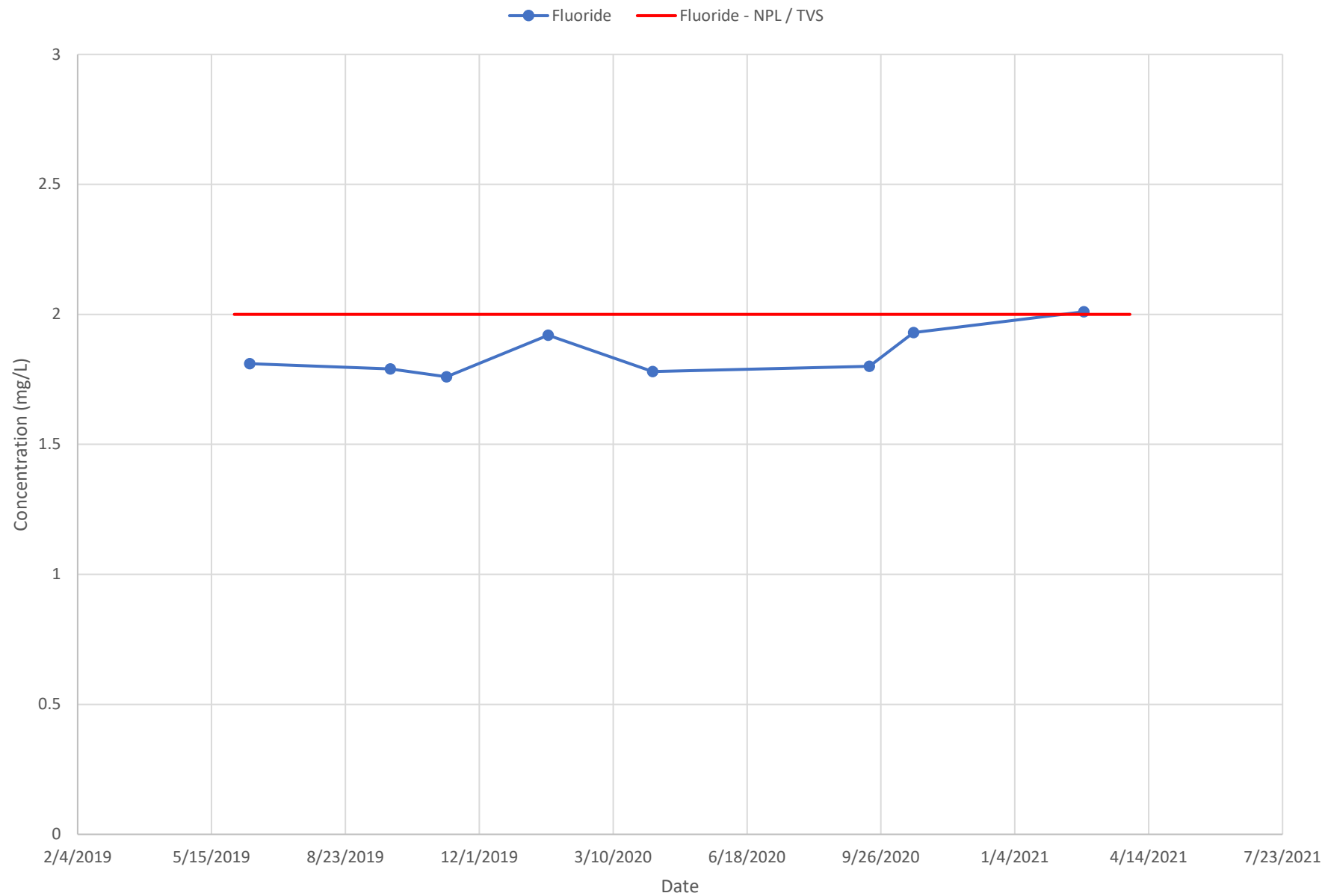




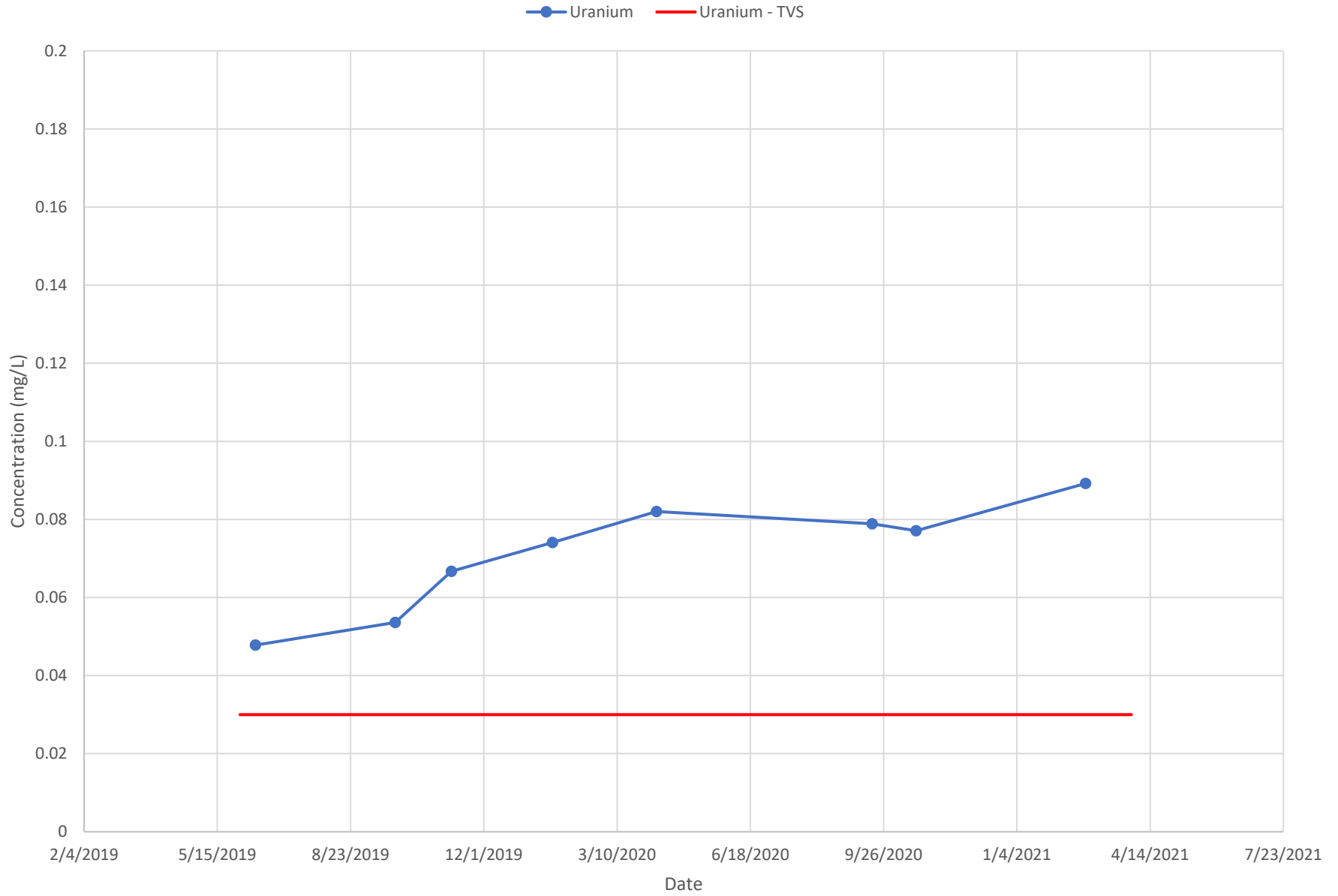
GVMW-22A



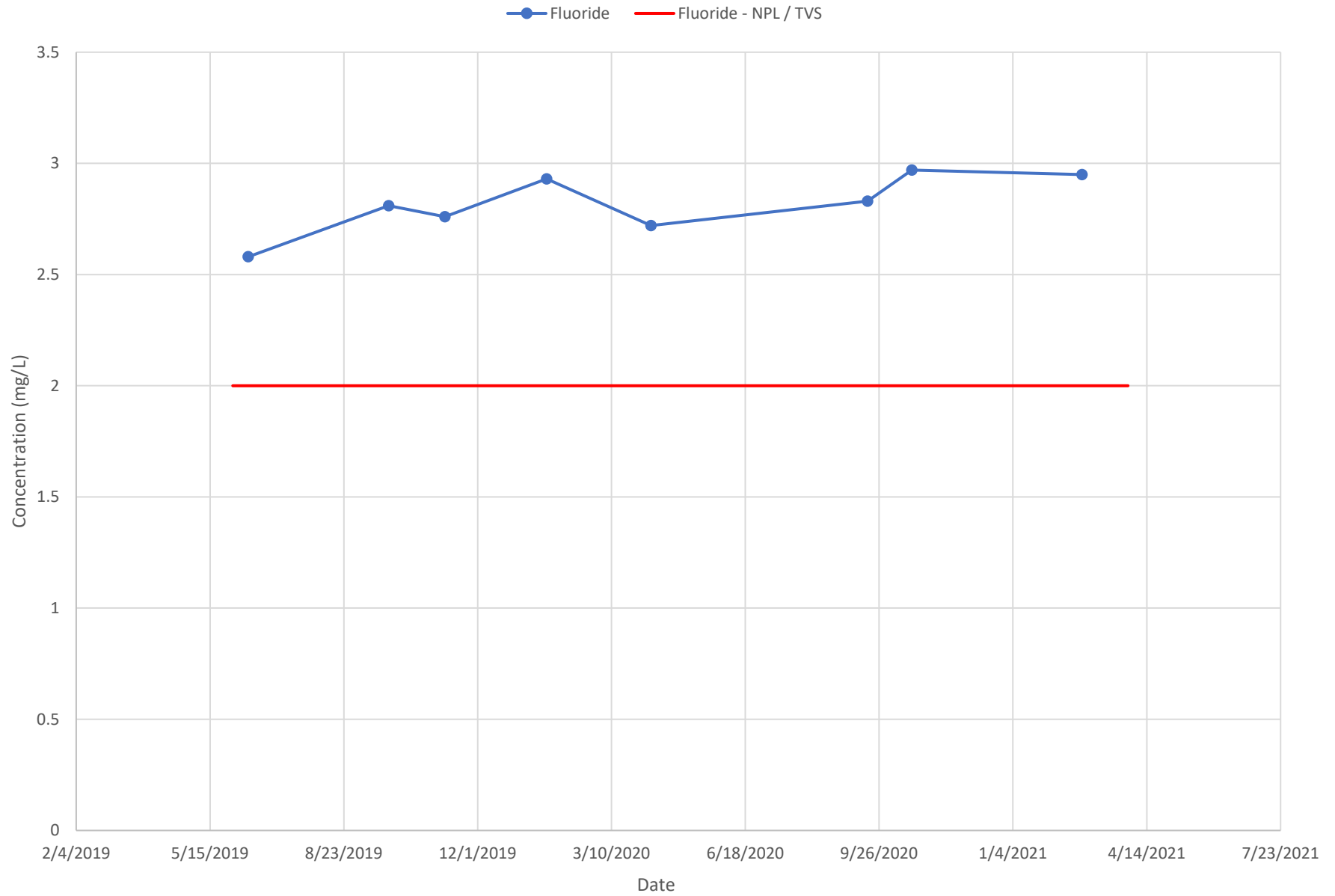
CRMW-5A



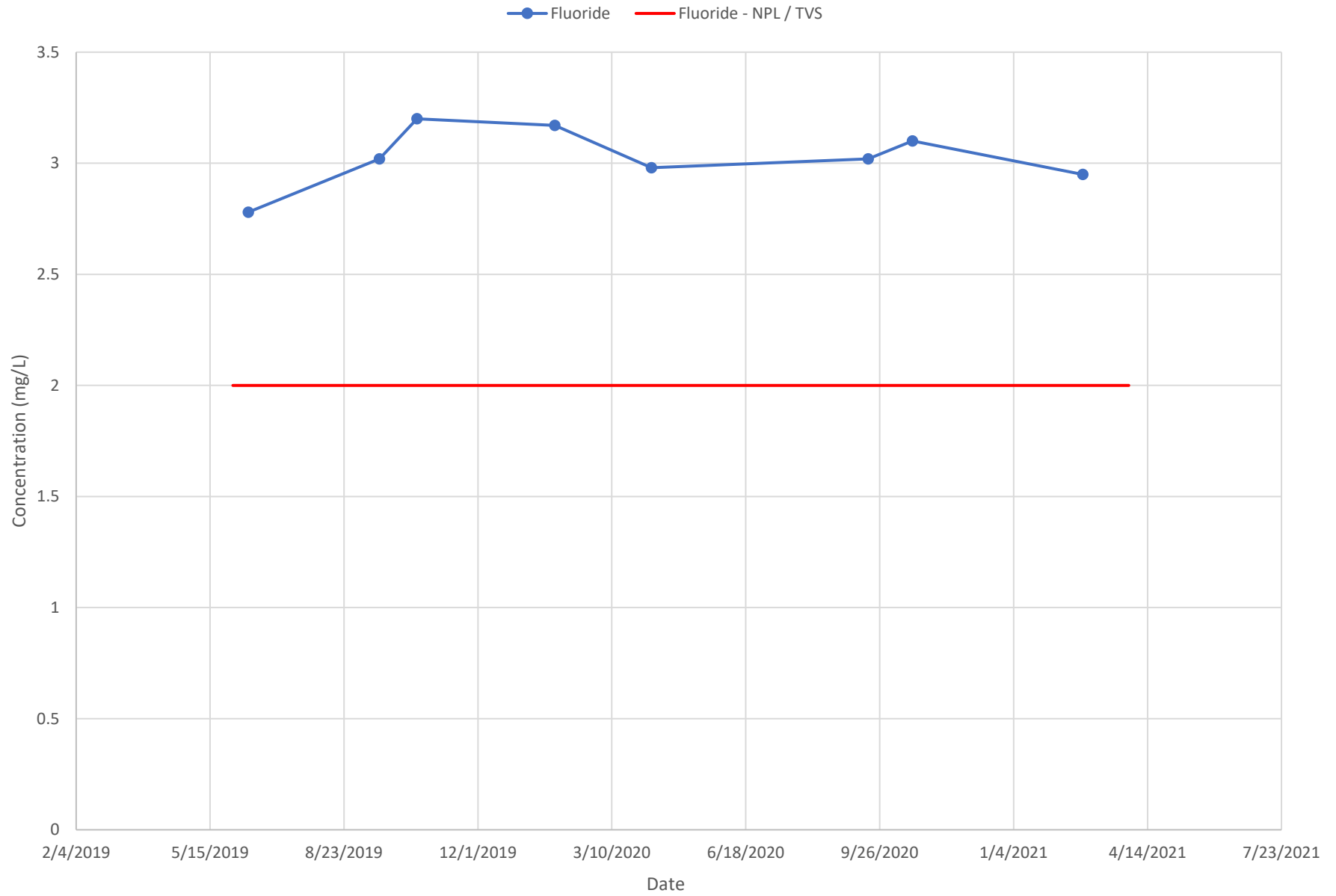
CRMW-5A



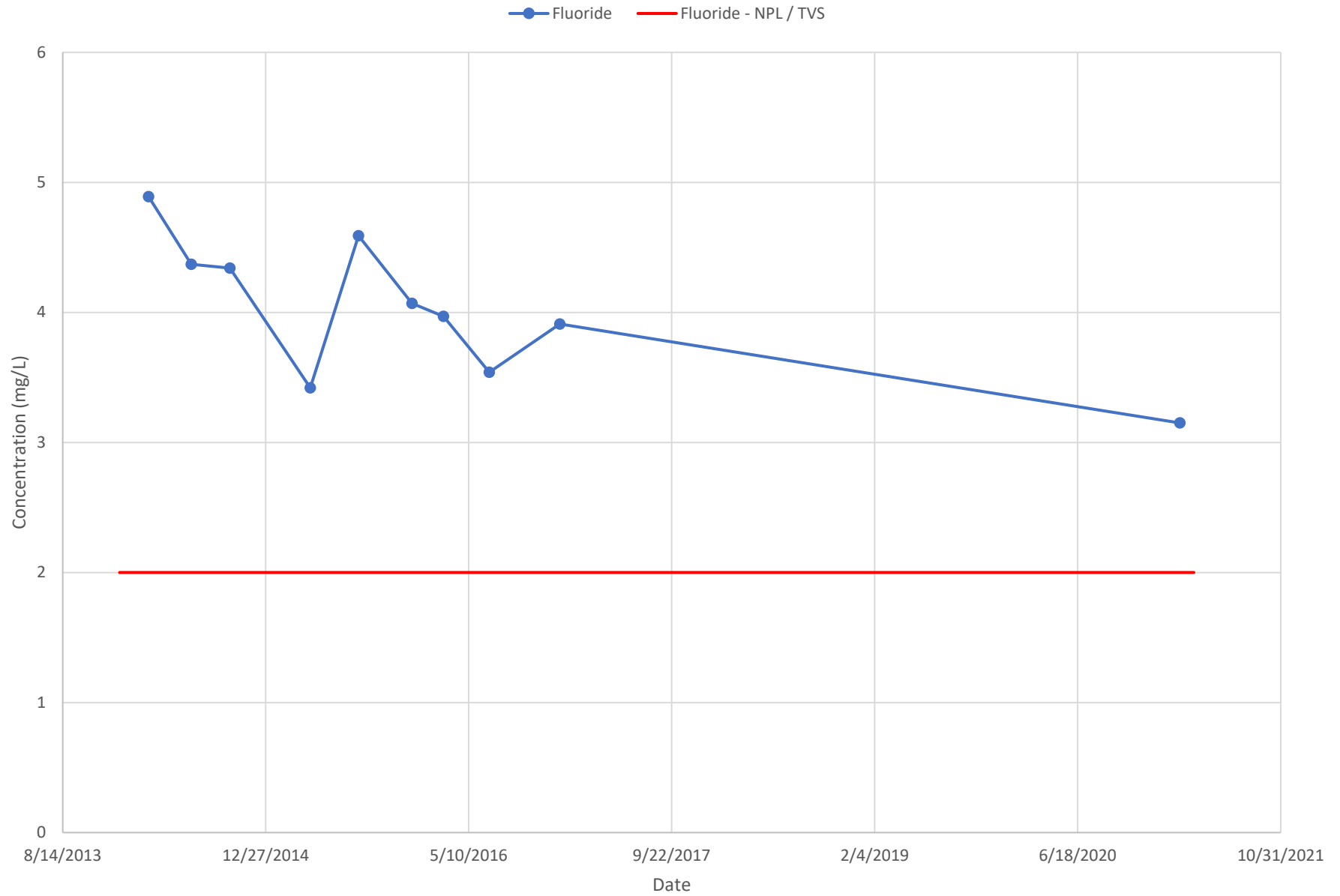
CRMW-5B



CRMW-5C

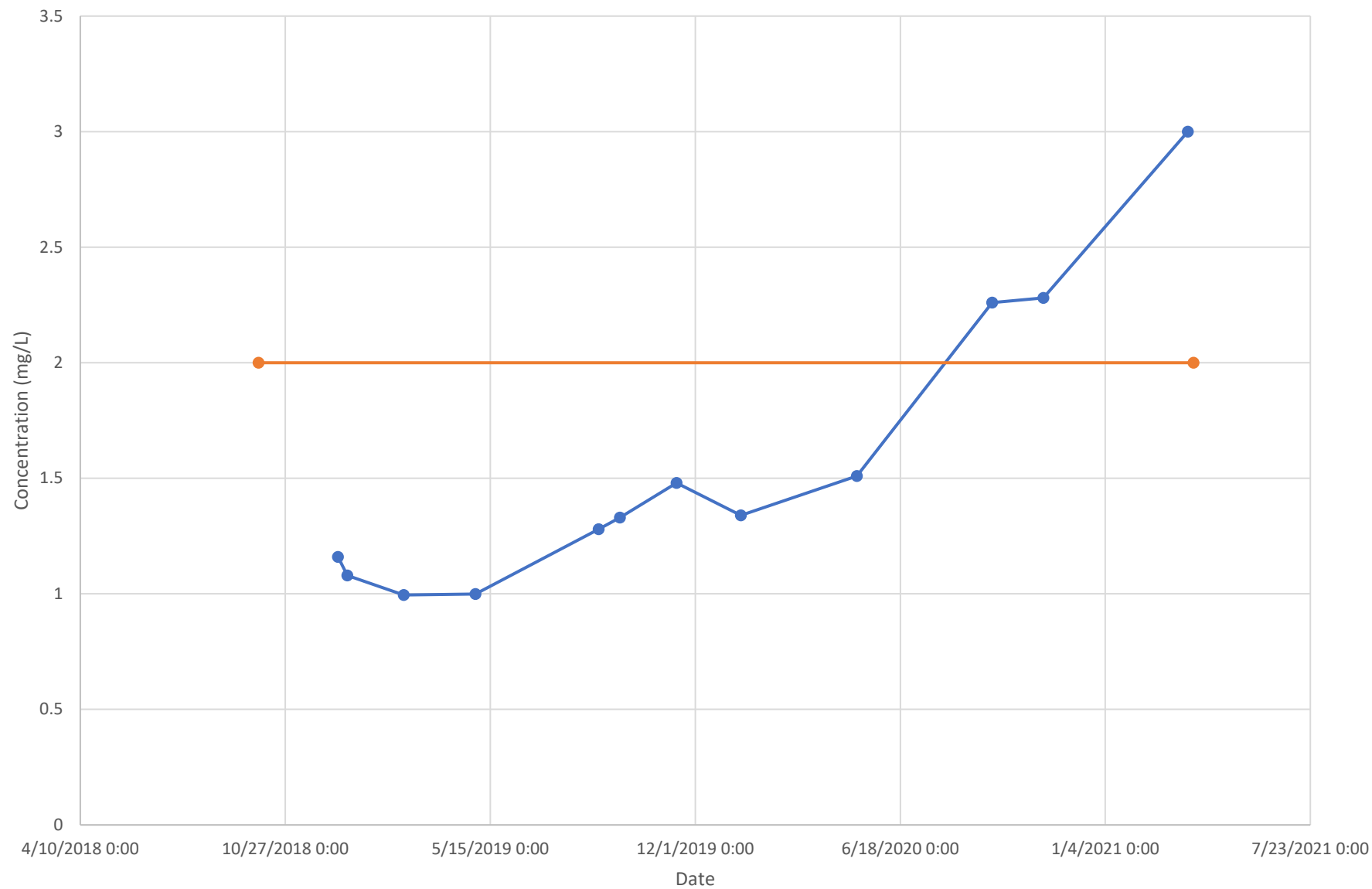


CRMW-5D



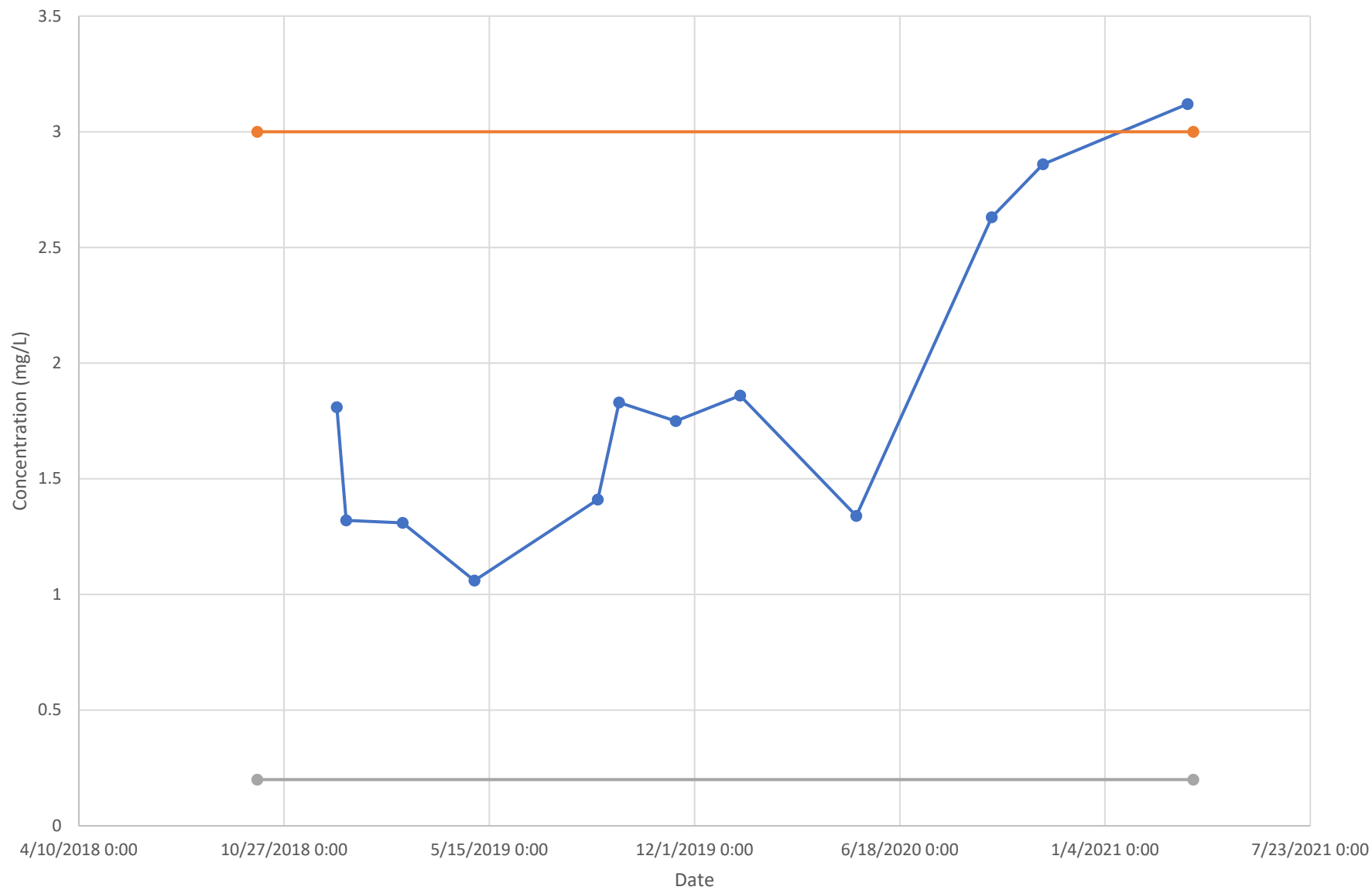
CRMW-3C

Fluoride Fluoride - NPL / TVS



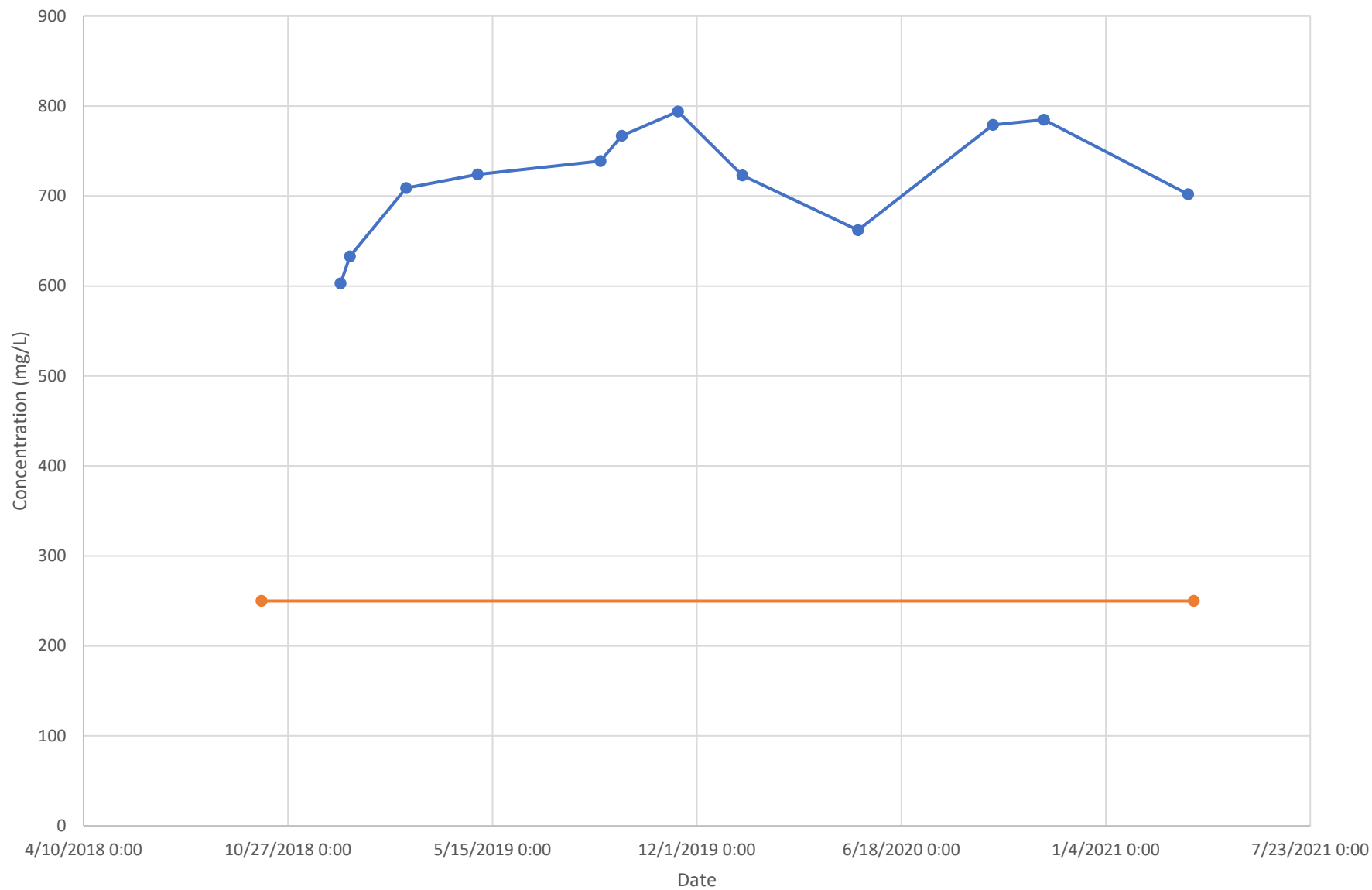
CRMW-3C

Manganese Manganese - NPL Manganese - TVS

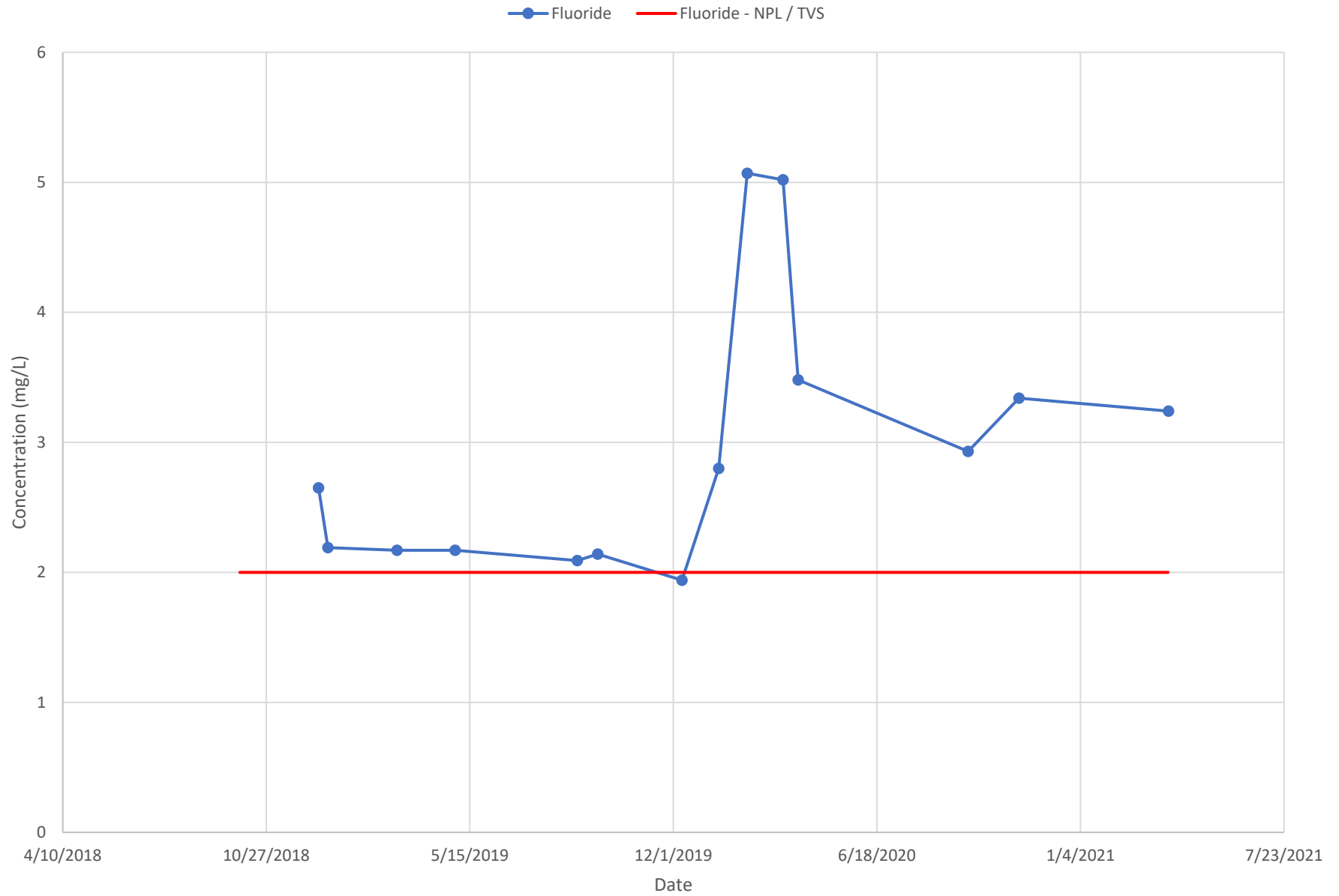


CRMW-3C

Sulfate Sulfate - TVS

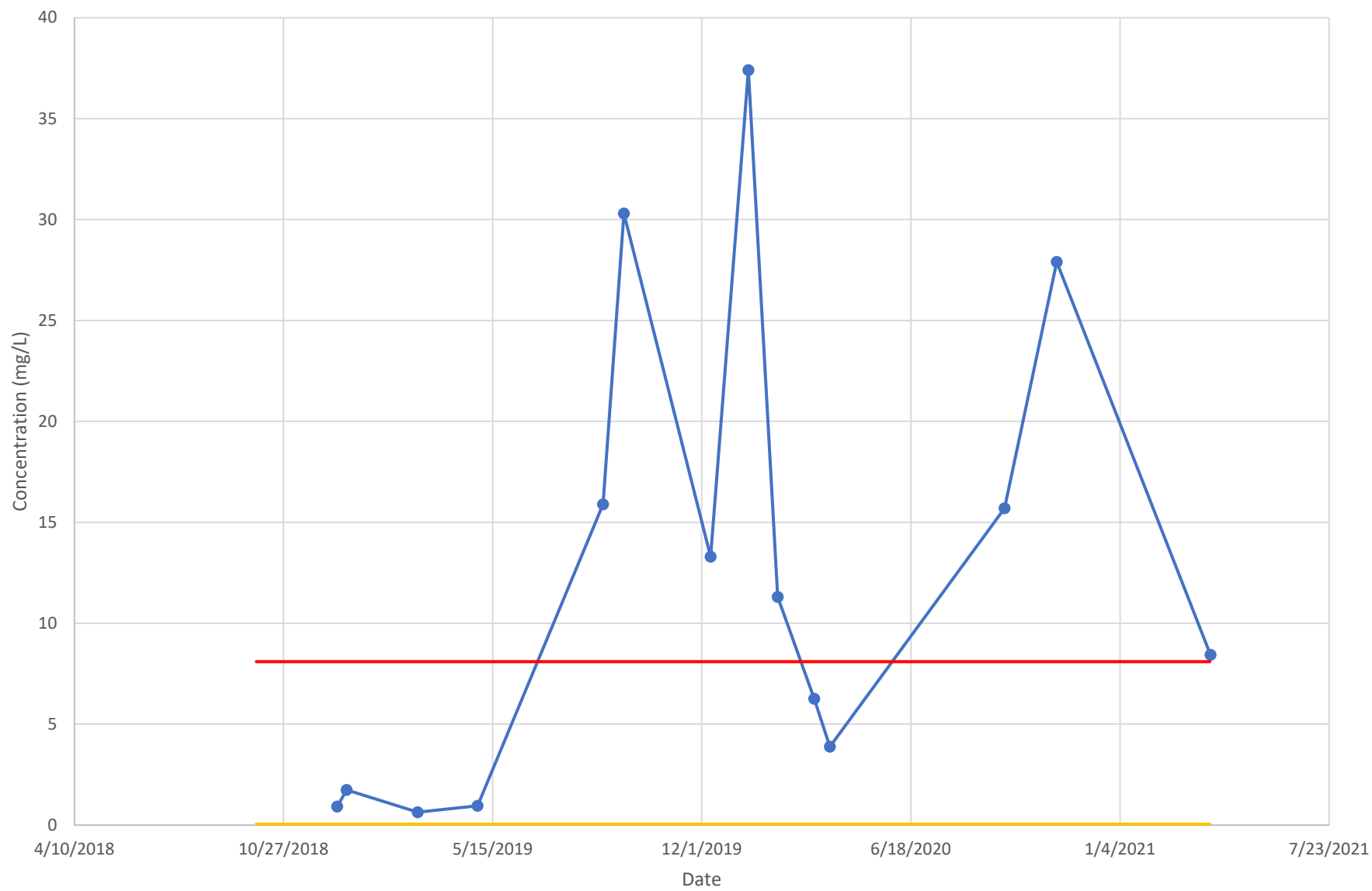


CRMW-3B

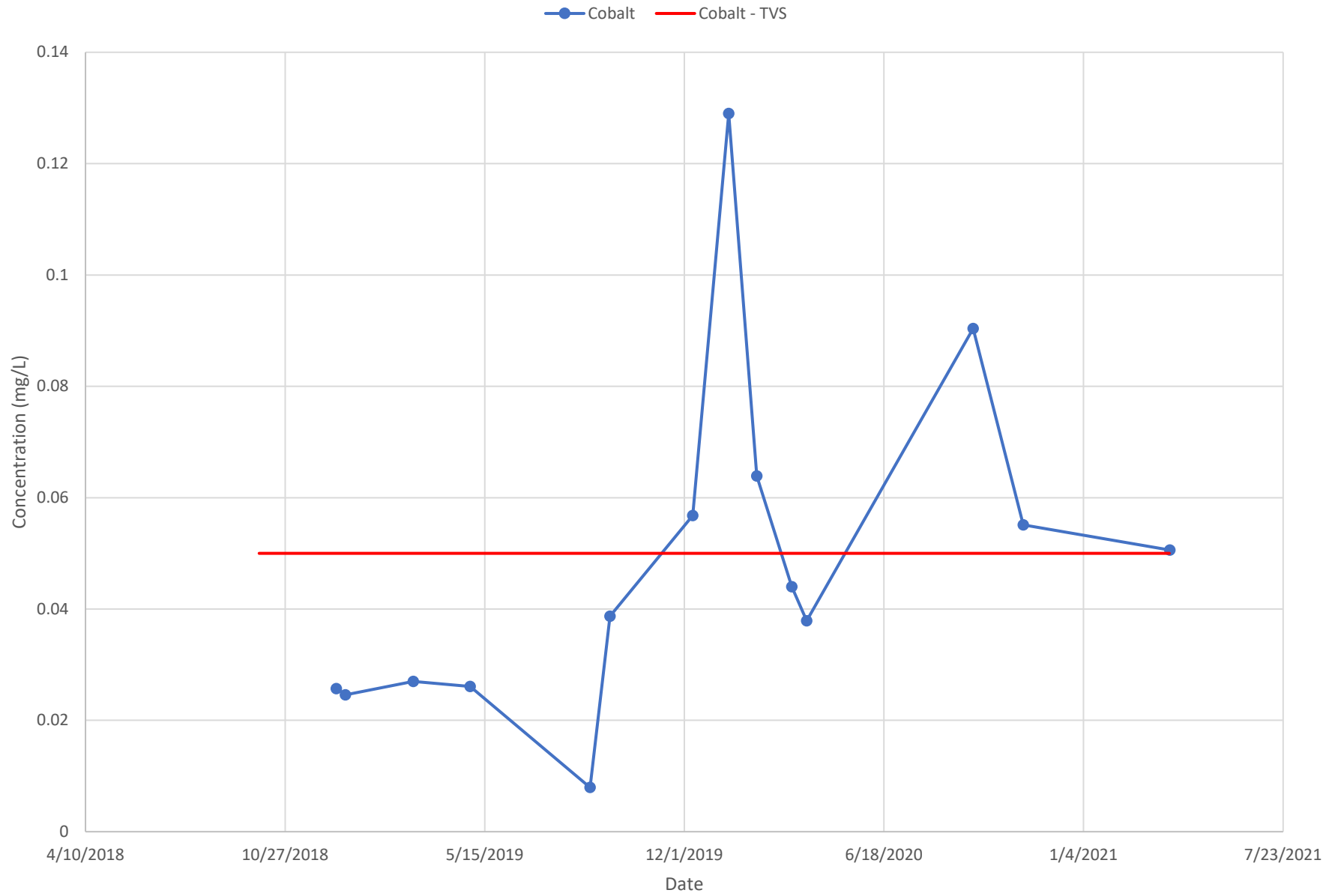


CRMW-3B

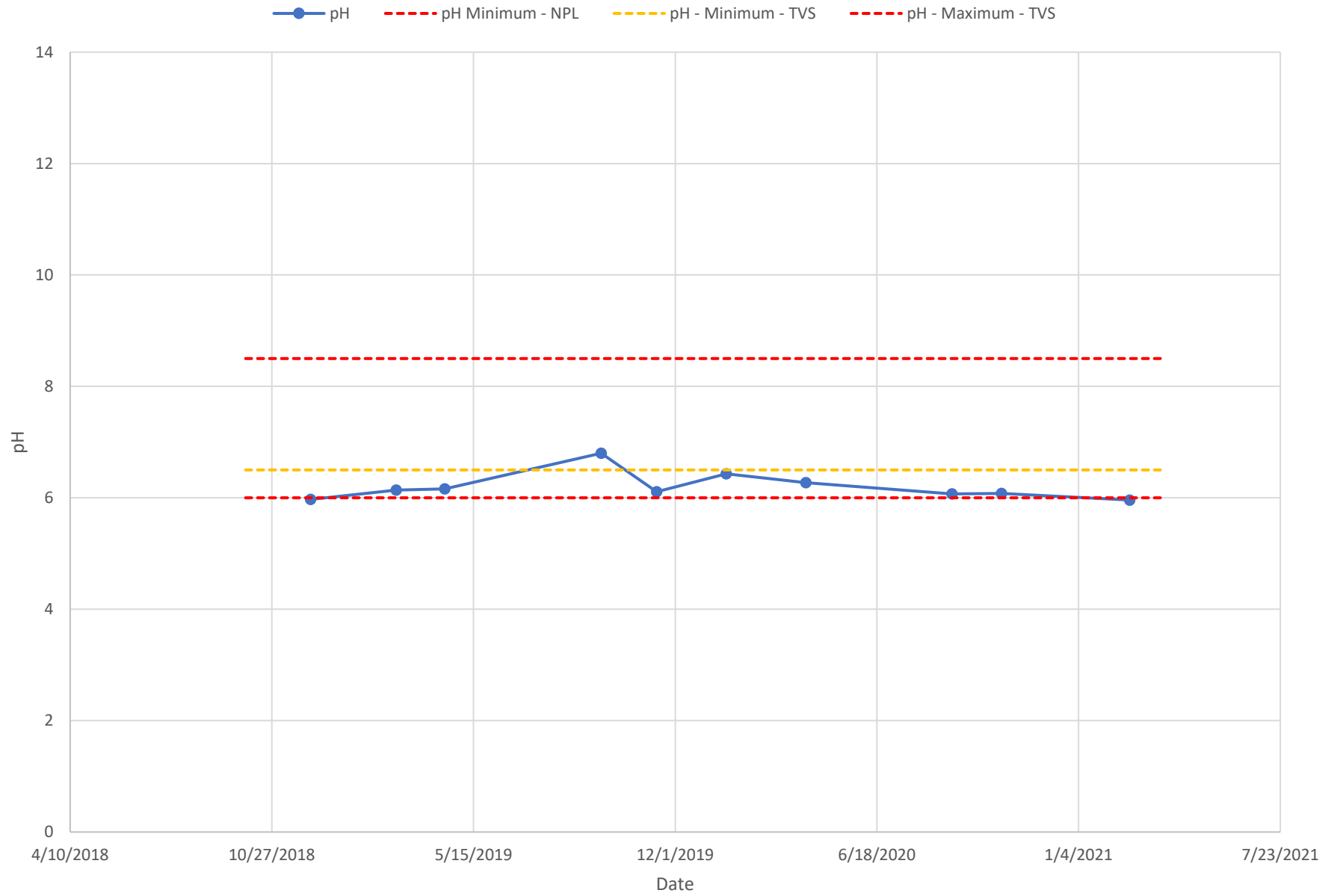
Manganese Manganese - NPL Manganese - TVS



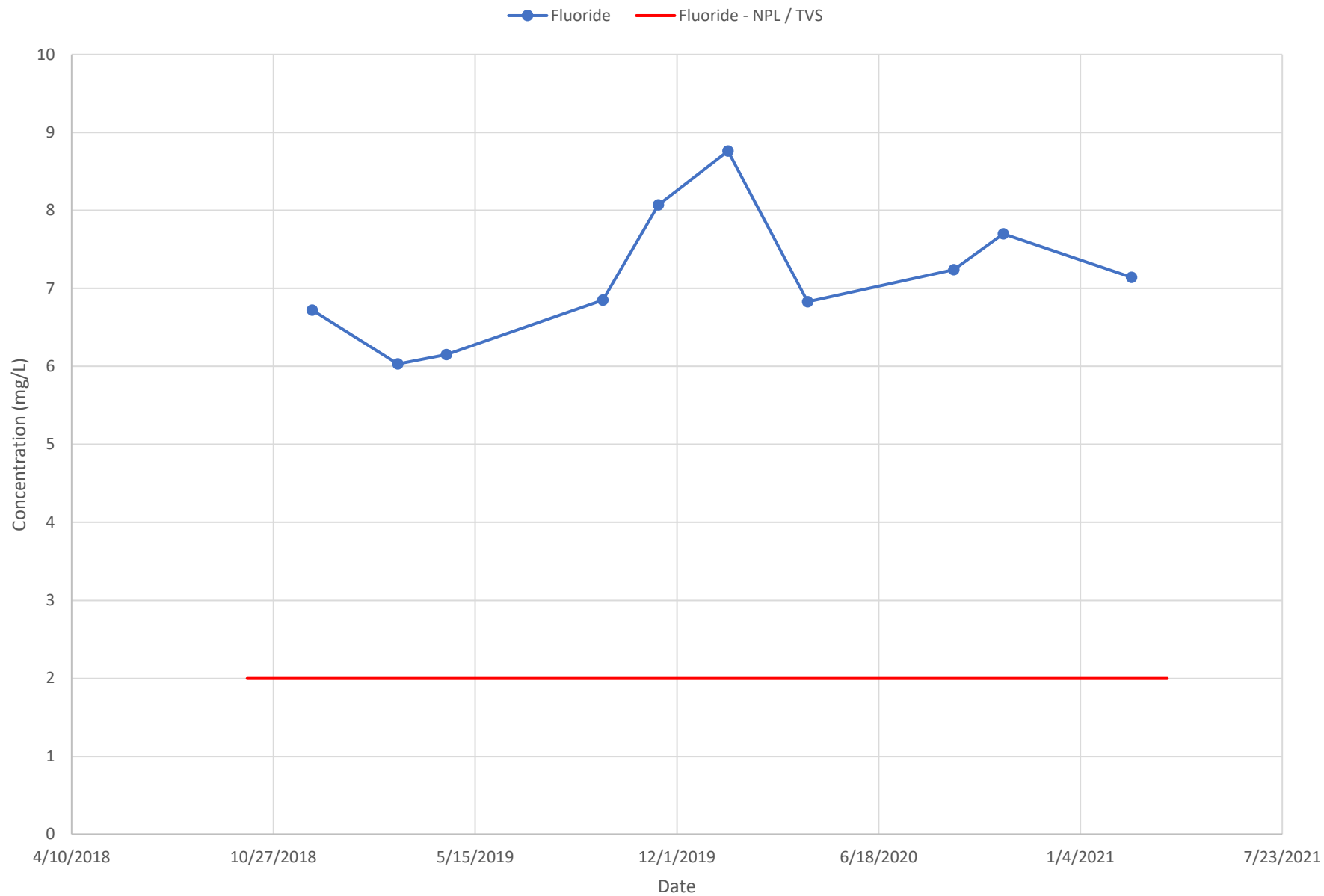
CRMW-3B



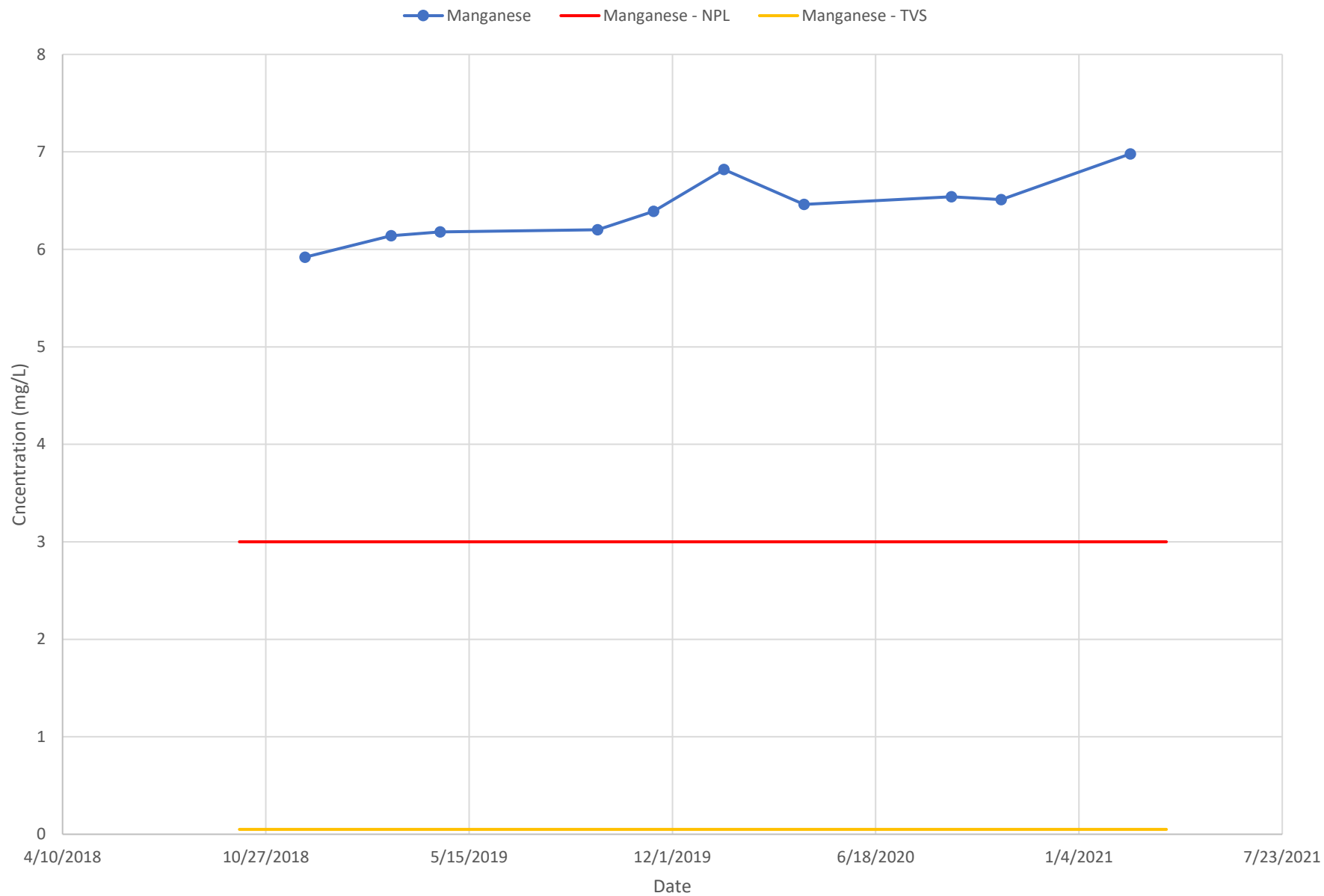
SGMW-6B



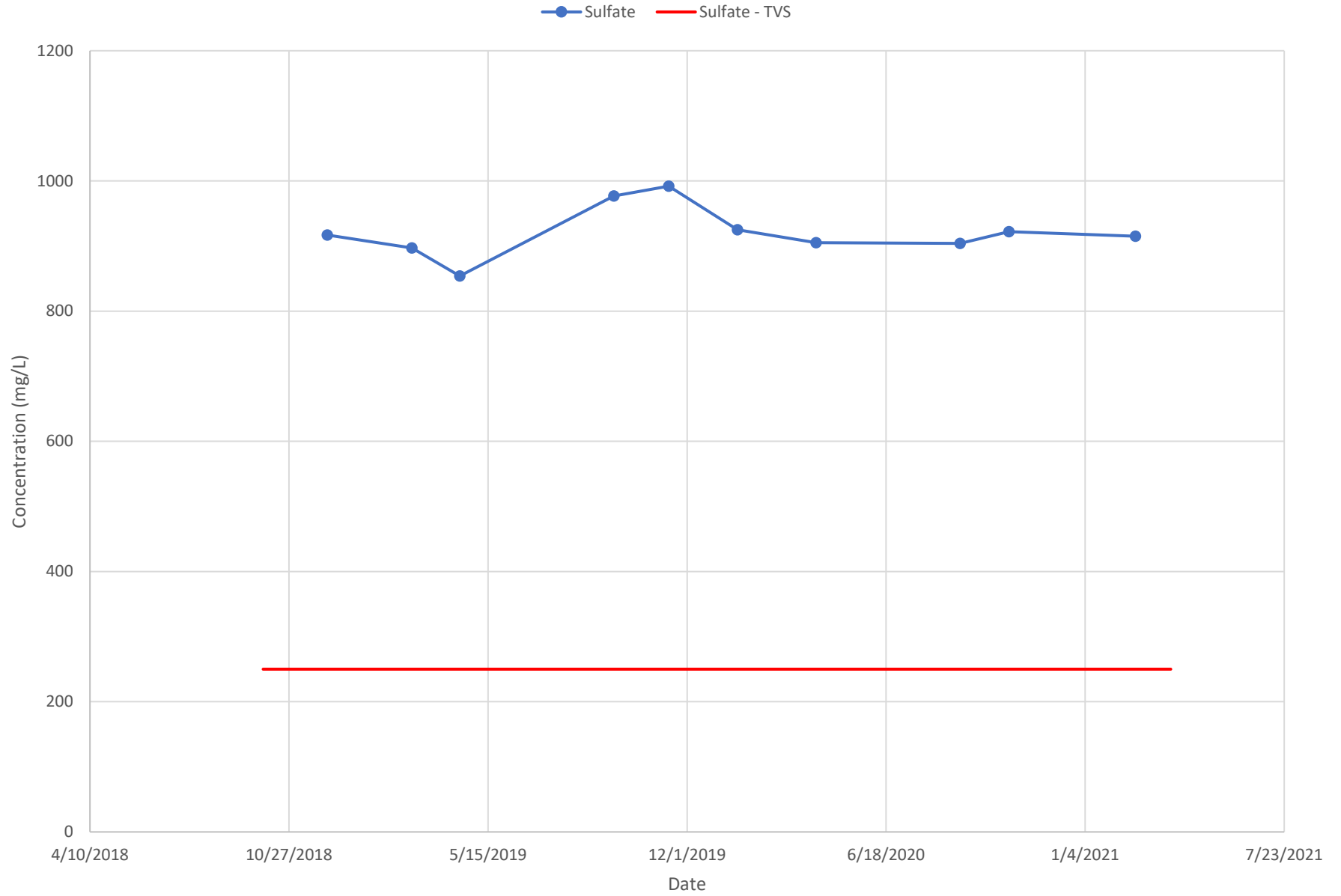
SGMW-6B



SGMW-6B



SGMW-6B



QA/QC

SAMPLE LOCATION : CC&V Blank SampleCollar Elv (ft) : N/AReporting Period 3000 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr	
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X1C0465-03	X1D0009-01RE1
Sample Date	-	03/25/2021	03/31/2021
Lab Test Date	-	04/09/2021	04/14/2021
Sampled By	-	GM	GM

Aluminium - Dissolved (mg/L)	7.00	<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)	2.000	0.0130	0.0160
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)	---	5.16	4.57
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	0.0102	0.0116
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
Fluoride - Total F (mg/L)	2.000	2.16	2.30
Iron - Dissolved (mg/L)	14.000	<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	0.0102	<0.0080
Mercury - Dissolved (mg/L)	0.0020	<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)	10.000	0.240	0.260
Nitrite + Nitrate as Nitrogen (mg/L)	11.000	0.240	0.260
Nitrite as Nitrogen (mg/L)	1.0000	<0.050	<0.050
pH Lab (pH unit)	6.0 – 8.5	7.9	7.7
Selenium - Dissolved (mg/L)	0.0240	<0.00300	<0.00300
Silver - Dissolved (mg/L)	0.0500	<0.0050	<0.0050
Sodium - Dissolved (mg/L)	---	22.0	20.3
Sulfate - Total (mg/L)	250.00	4.95	5.18
Thallium - Dissolved (mg/L)	0.0020	<0.00100	<0.00100
Total Dissolved Solids (mg/L)	---	89	80
Total Suspended Solids (mg/L)	---	<5.0	<5.0
Uranium - Dissolved (mg/L)	0.0300	<0.00100	<0.00100
Vanadium - Dissolved (mg/L)	0.1000	<0.0050	<0.0050
Zinc - Dissolved (mg/L)	2.000	<0.0100	<0.0100

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: QA/QC

SAMPLE LOCATION : VIN-2B_Duplicate

Collar Elv (ft) : N/A

Reporting Period 3000 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X1C0531-02
Sample Date	-	03/29/2021
Lab Test Date	-	04/09/2021
Sampled By	-	

pH Field (pH unit)	6.50 – 8.50	7.08
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	0.0087
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)	---	9.62
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)	2.000	0.141
Iron - Dissolved (mg/L)	14.000	0.695
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	4.0000	3.24
Mercury - Dissolved (mg/L)	0.0020	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.000	<0.100
Nitrite as Nitrogen (mg/L)	1.000	<0.050
pH Lab (pH unit)	6.50 – 8.50	7.5
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	713
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1000
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

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 first quarter, 2021 CC&V submitted duplicate samples for monitoring well VIN-2B, collected on 3-29-2021. 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. 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

Parameter	VIN-2B Sample	VIN-2B Duplicate	Relative Percent Difference (RPD)
pH Field (pH unit)	7.08	7.08	0
Barium - Dissolved (mg/L)	0.0091	0.0087	4.49
Chloride - Total (mg/L)	9.42	9.62	2.10
Cobalt - Dissolved (mg/L)	0.0066	0.006	9.52
Fluoride - Total F (mg/L)	0.148	0.141	4.84
Iron - Dissolved (mg/L)	0.673	0.695	3.22
Manganese - Dissolved (mg/L)	3.24	3.24	0.00
Sodium - Dissolved (mg/L)	34.3	34.1	0.58
Sulfate - Total (mg/L)	708	713	0.70
Total Dissolved Solids (mg/L)	1040	1000	3.92

Indicates that reporting limit used for calculation