



M-1980-244 Q1 2023 Surface & Groundwater Monitoring Report

1 message

Antonio Matarrese <Antonio.Matarrese@newmont.com>

Thu, Apr 27, 2023 at 4:26 PM

To: "Russell - DNR, Elliott" <elliott.russell@state.co.us>

Cc: Patrick Lennberg - DNR <patrick.lennberg@state.co.us>, Michael Cunningham <michaela.cunningham@state.co.us>, Katie Blake <Katie.Blake@newmont.com>, Johnna Gonzalez <Johnna.Gonzalez@newmont.com>

Elliott –

Please see the attached CC&V (Permit No. M-1980-244) Q1 2023 Surface and Groundwater Monitoring Report.

Best Regards,

Tony





Antonio Matarrese

ENVIRONMENTAL COORDINATOR


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 **M-1980-244_Q12023_Surface_&_Groundwater_Report_042723.pdf**
19484K



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SENT VIA ELECTRONIC MAIL

April 27, 2023

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 2023
Surface Water Monitoring Data: 1st Quarter 2023

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) 2023.

In the 1st quarter, CC&V monitored all specified groundwater wells and collected all possible groundwater samples as outlined in Permit No. M-1980-244. During the quarter CC&V was unable to collect water samples at: Arequa Gulch monitor well CRMW-5A and ESPMW-1 as there was insufficient water to collect a sample; Poverty Gulch monitoring wells PGMW-2 and PGMW-4 as they were reported dry; Maize Gulch monitoring wells SGMW-5, SGMW-6A, SGMW-7A, and SGMW-7B as they were reported dry; Wilson Creek well WCMW-6 as it was inaccessible due to heavy snow; and Grassy Valley well GVMW-22A as it was reported to be frozen.

In the 1st quarter, CC&V monitored all accessible surface water monitoring locations as specified in Permit No. M-1980-244. Surface water sampling locations in Vindicator Valley (T-2) and Grassy Valley (GV-02) had no flow and were reported dry. Surface water sampling location at Wilson Creek was inaccessible due to heavy snow.

CC&V Collected 7 QA/QC samples in Q1, 2023. Two duplicate samples were collected in Q1, one duplicate sample from monitoring well CRMW-5C was collected on 1/24/2023 and the second duplicate sample was collected from surface monitoring location AG-2.0 on 1/24/2023. Five rinse blanks were collected this quarter and were sent with samples to the analytical laboratory. Rinse blanks were collected during quarterly, and grassy valley sample collections. Rinse blanks were collected on 1/24/2023, 1/25/2023, 1/26/2023, 2/7/2023, and 3/8/2023. Relative percent difference calculations completed for the duplicate monitoring well samples are included within the QA/QC section.

First quarter exceedances recorded in the Grassy Valley drainage were from monitoring wells GVMW-8B and GVMW-25 and from surface water monitoring location GV-03. Exceedances for monitoring well GVMW-8B pertained to the analyte fluoride, whereas exceedances for monitoring well GVMW-25 pertained to analytes aluminum, beryllium, cadmium, cobalt, fluoride, manganese, nickel, pH,



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sulfate, uranium, and zinc. GVMW-25 exceedances were reported to the Division in the monthly grassy valley report updates. First quarter 2023 concentrations from monitoring location GVMW-25 continued on a mostly downward trend from the fourth quarter 2022 concentrations. An anomalous ammonia concentration was identified in the GVMW-25 sample from February. The anomaly was not replicated in the duplicate sample from February nor was it identified in the reanalysis of the GVMW-25 sample from March. Ammonia concentrations will continue to be closely monitored. Exceedances for surface water monitoring location GV-03 pertain to Arsenic (Total Recoverable) and Zinc (Dissolved).

First quarter exceedances recorded in the Arequa Gulch drainage were from monitoring wells CRMW-3A, CRMW-3B, CRMW-3C, CRMW-5B, CRMW-5C, and CRMW-5D. Monitoring wells CRMW-3A, CRMW-3B, CRMW-3C, CRMW-5B, CRMW-5C, and CRMW-5D exceeded for fluoride, monitoring wells CRMW-3A and CRMW-3C exceeded for sulfate, and monitoring well CRMW-3C exceeded for Manganese. All exceedances recorded within the Arequa Gulch drainage for fluoride and sulfate are consistent with previously reported concentrations. Exceedances related to manganese are hypothesized to be associated with pump back pumping rate slow down. CC&V has removed the pumps in monitoring wells CRMW-3B and CRMW-3C for evaluation and maintenance and began performing maintenance on the pumps in March 2023. Maintenance is anticipated to be completed with both pumps back up and running in the second quarter.

Exceedances recorded in the Maize Gulch drainage from samples collected in the first quarter from monitoring well SGMW-6B pertain to beryllium, fluoride, manganese, and sulfate. The observed concentrations are consistent with previously recorded concentrations.

Exceedances recorded in the Poverty Gulch drainage from samples collected in the first quarter from monitoring well PGMW-3 pertain to aluminum, cadmium, copper, fluoride, manganese, cobalt, and sulfate. First quarter 2023 Poverty Gulch concentrations are generally consistent with previously reported concentrations. No new or anomalous concentrations are reported for this drainage.

Exceedances recorded in the Vindicator valley drainage from samples collected in the first quarter from monitoring well VIN-2A pertain to sulfate. First quarter 2023 vindicator valley concentrations are generally consistent with previously reported concentrations. No new or anomalous concentrations are reported for this drainage.

There were no exceedances recorded in the Wilson Creek drainage from samples collected in the first quarter from monitoring well WCMW-3. No new or anomalous concentrations are reported for this drainage.

As reported on February 15, 2023, CC&V collected first quarter compliance groundwater samples from monitoring wells SGMW-6B on January 23, 2023, monitoring wells CRMW-5B, CRMW-5C, and CRMW-5D on January 24, 2023, monitoring well PGMW-3 on January 25, 2023, and monitoring well GVMW-8B on January 26, 2023. Upon review of received analytical reports, CC&V determined monitoring well SGMW-6B exceeded established numeric protection levels for Fluoride and Manganese and the established table value standards for Beryllium and Sulfate. Monitoring wells CRMW-5B, CRMW-5C, and CRMW-5D exceeded established numeric protection levels for fluoride. Monitoring well PGMW-3 exceeded established numeric protection levels for Aluminum, Cadmium, Copper, Fluoride, and Manganese and the established table value standards for Cobalt and Sulfate. Monitoring well GVMW-8B exceeded the established numeric protection levels for Fluoride. Table 1 below lists these exceedances by the location and the associated parameter.

Table 1.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Value Standard (mg/L)
SGMW-6B	1/23/2023	Fluoride	7.97	2	2
SGMW-6B	1/23/2023	Manganese	8.39	3	0.05
SGMW-6B	1/23/2023	Beryllium	0.0817	0.004	0.004
SGMW-6B	1/23/2023	Sulfate	1110	250	250
CRMW-5B	1/24/2023	Fluoride	2.94	2	2
CRMW-5C	1/24/2023	Fluoride	3.19	2	2
CRMW-5D	1/24/2023	Fluoride	3.32	2	2
PGMW-3	1/25/2023	Aluminum	15.1	7	5
PGMW-3	1/25/2023	Cadmium	0.0138	0.005	0.005
PGMW-3	1/25/2023	Copper	0.622	0.2	0.2
PGMW-3	1/25/2023	Fluoride	3.33	2	2
PGMW-3	1/25/2023	Manganese	12.6	3	0.05
PGMW-3	1/25/2023	Cobalt	0.0555	0.05	0.05
PGMW-3	1/25/2023	Sulfate	592	250	250
PGMW-3	1/25/2023	pH	4.45	6	6.5
GVMW-8B	1/26/2023	Fluoride	2.32	2	2

As reported on March 14, 2023, CC&V collected first quarter compliance groundwater samples from monitoring wells CRMW-3A, CRMW-3B, and CRMW-3C on February 20, 2023. Upon review of received analytical reports, CC&V determined monitoring well CRMW-3A exceeded established numeric protection levels for Fluoride and the table value standard for Sulfate. Monitoring well CRMW-3B exceeded the established numeric protection level for Fluoride. Monitoring well CRMW-3C exceeded the established numeric protection level for Fluoride and Manganese and the table value standard for Sulfate. Table 2 below lists these exceedances by the location and the associated parameter.

Table 2.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Value Standard (mg/L)
CRMW-3A	2/20/2023	Fluoride	3.07	2	2
CRMW-3A	2/20/2023	Sulfate	1100	250	250
CRMW-3B	2/20/2023	Fluoride	3.33	2	2
CRMW-3C	2/20/2023	Fluoride	2.99	2	2
CRMW-3C	2/20/2023	Manganese	3.82	3	0.05
CRMW-3C	2/20/2023	Sulfate	842	250	250

As reported on April 3, 2023, CC&V collected first quarter compliance groundwater sample from monitoring well VIN-2A and first quarter compliance surface water sample from GV-03 on March 15, 2023. Upon review of received analytical reports, CC&V determined monitoring well VIN-2A exceeded the table value standard for Sulfate. Surface water location GV-03 exceeded the site specific (COARUA24) value for Arsenic in Colorado Regulation Number 32 – Classification and Numeric



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Standards for Arkansas River Basin and the TVS for Zinc in Colorado Regulation Number 31 – The Basic Standards and Methodologies for Surface Water. Table 3 below lists these exceedances by the location and the associated parameter.

Table 3.

Groundwater					
Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Value Standard (mg/L)
VIN-2A	3/15/2023	Sulfate	687	-	250

Surface Water					
Location	Sample Date	Parameter	Value (mg/L)	5 CCR 1002-31 Value (mg/L)	5 CCR 1002-32 Value (mg/L)
GV-03	3/15/2023	Arsenic (Total Recoverable)	0.00118		0.00002
GV-03	3/15/2023	Zinc (Dissolved)	0.0239	0.02302	

Should you require additional information please do not hesitate to contact Antonio Matarrese at 719.851.4185 or Antonio.Matarrese@Newmont.com or myself at 719.689.4048 or Katie.Blake@Newmont.com

Sincerely,

DocuSigned by:

Katie Blake

5A3D013B629844B...

Katie Blake
Sustainability & External Relations Manager
Cripple Creek & Victor Gold Mining Company

EC: P. Lennberg
M. Cunningham
K. Blake
R. Parratt
A. Matarrese
N. Townley

File: "C:\Users\19012214\Newmont USA Limited\CC&V – S&ER Environmental - Environmental Compliance\Water\DRMS\Quarterly\Q1\Final Report"



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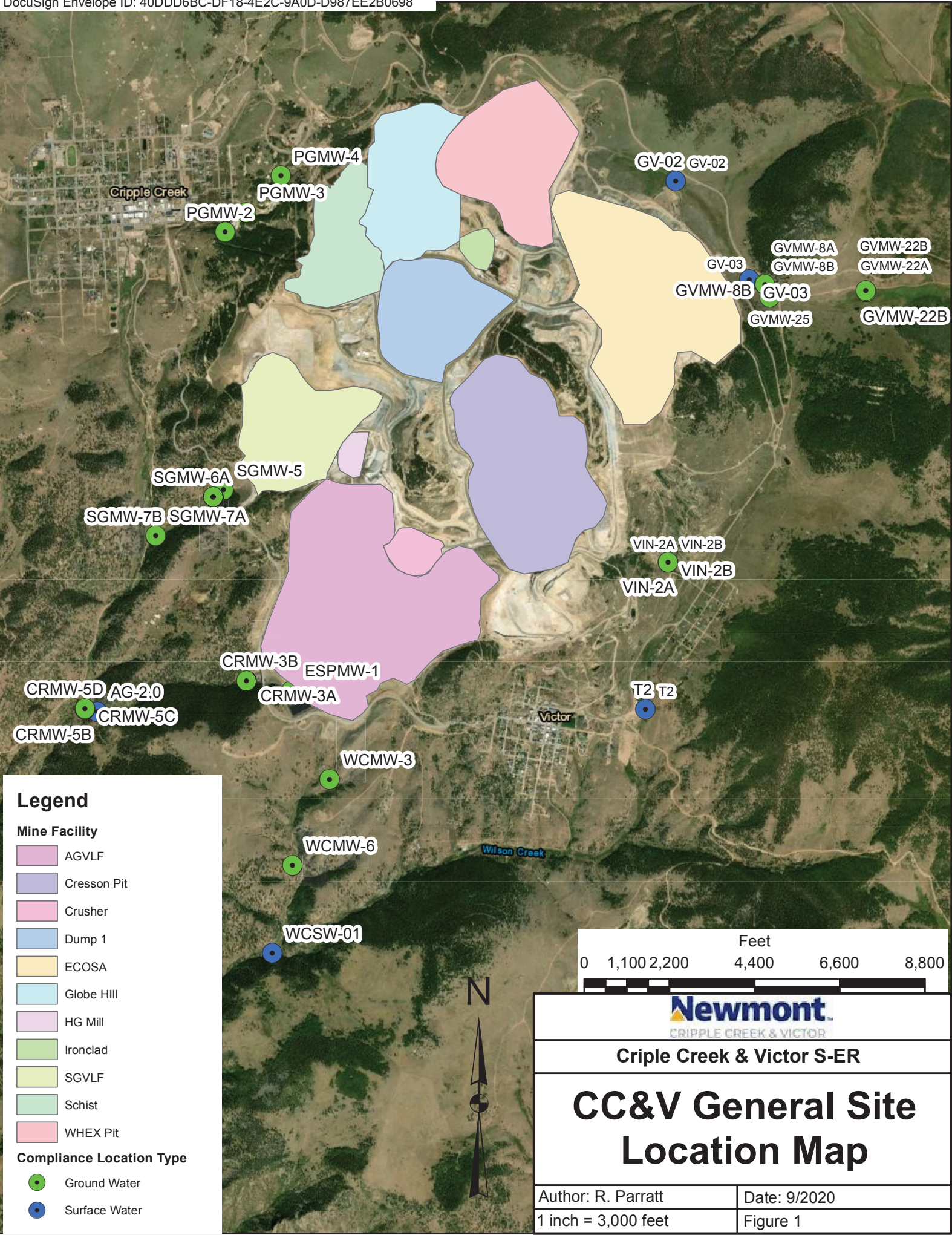
Appendix A

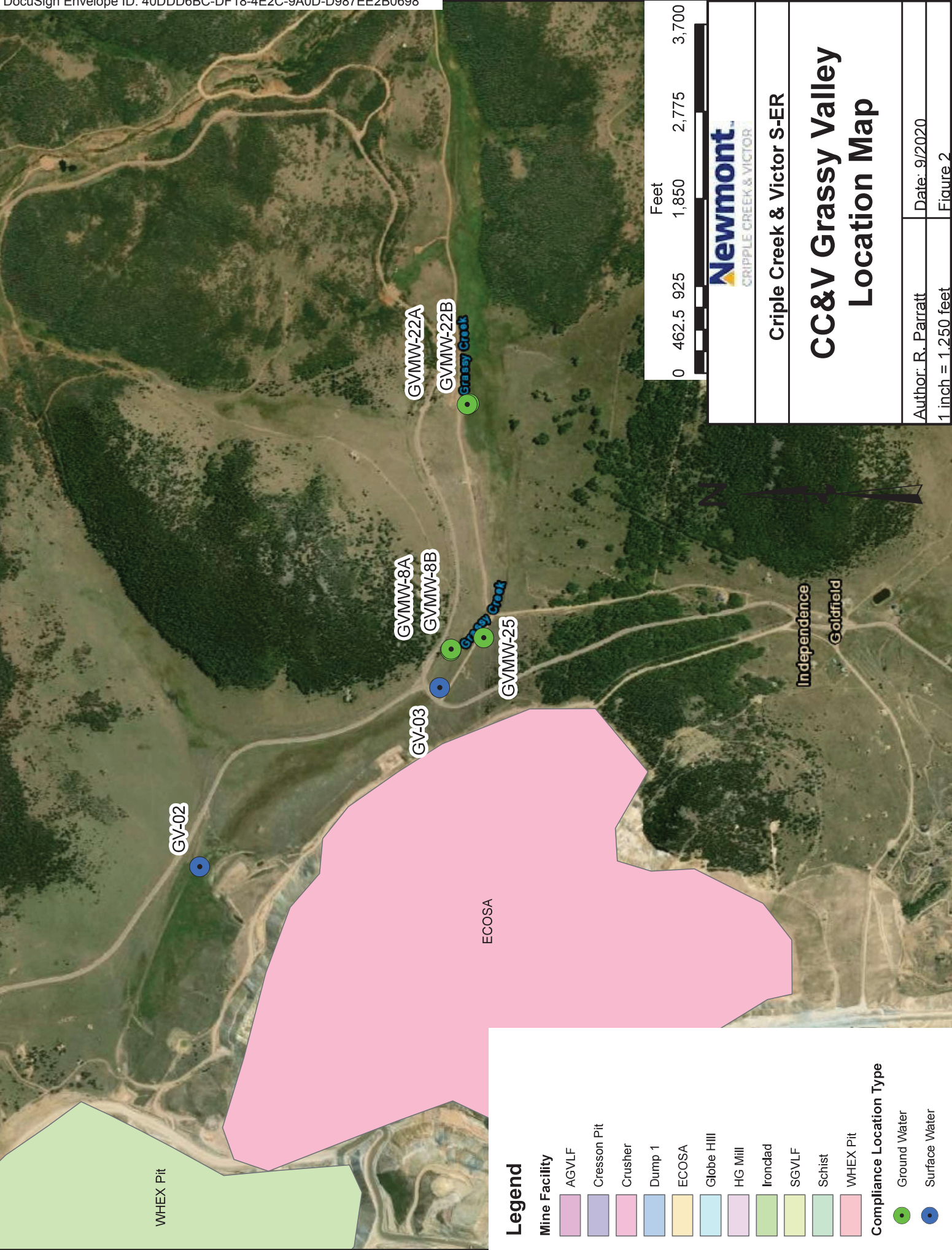


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Location Maps





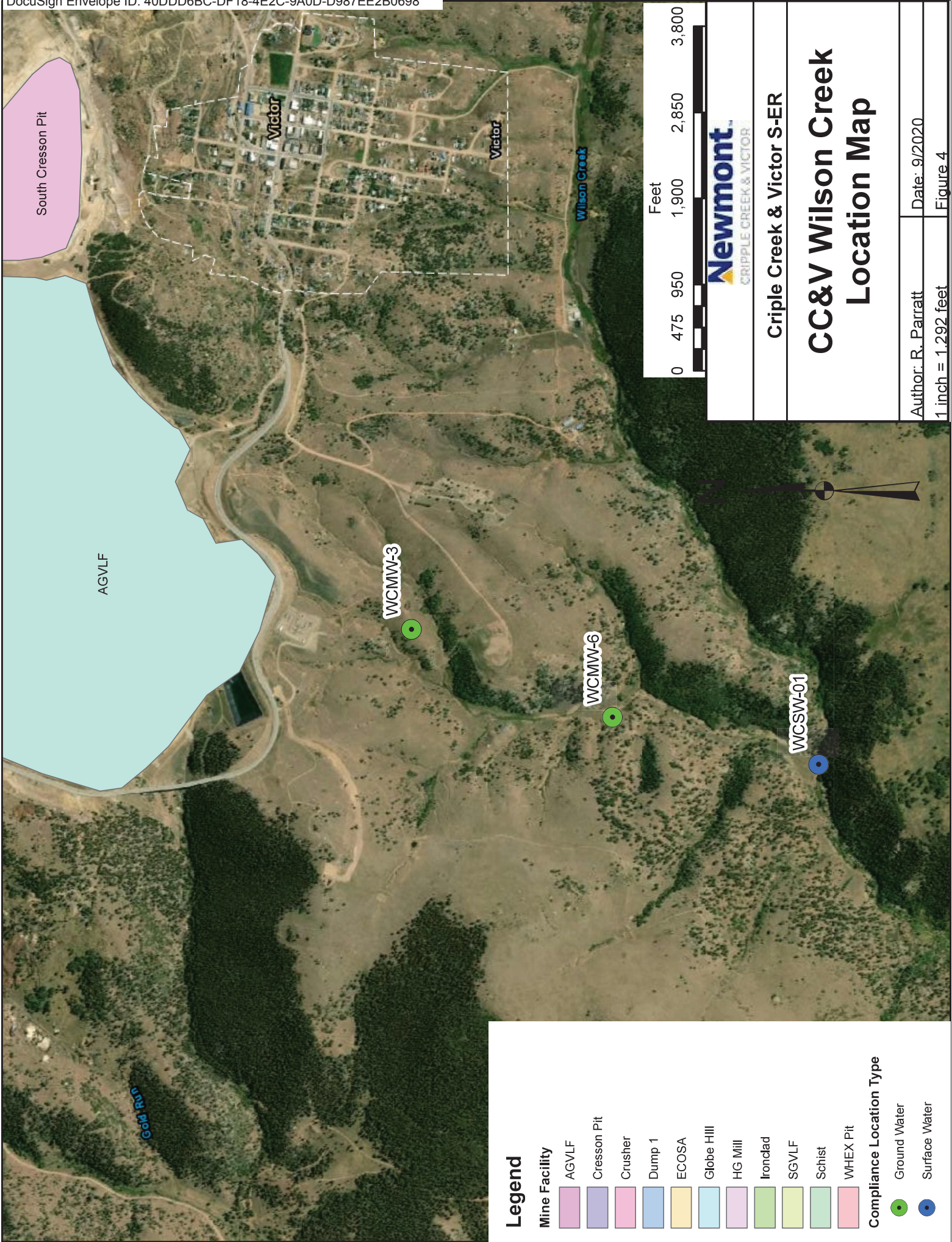


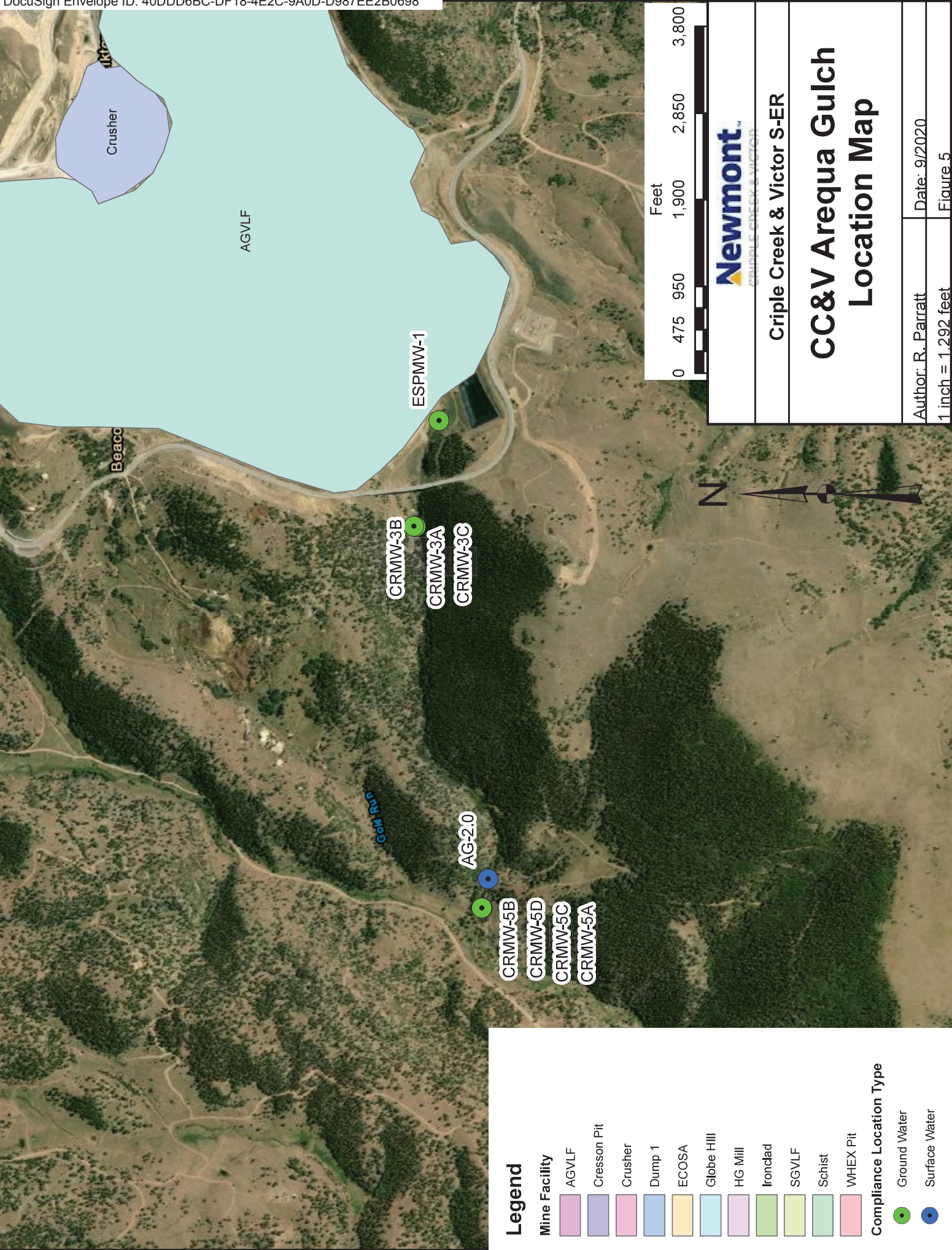
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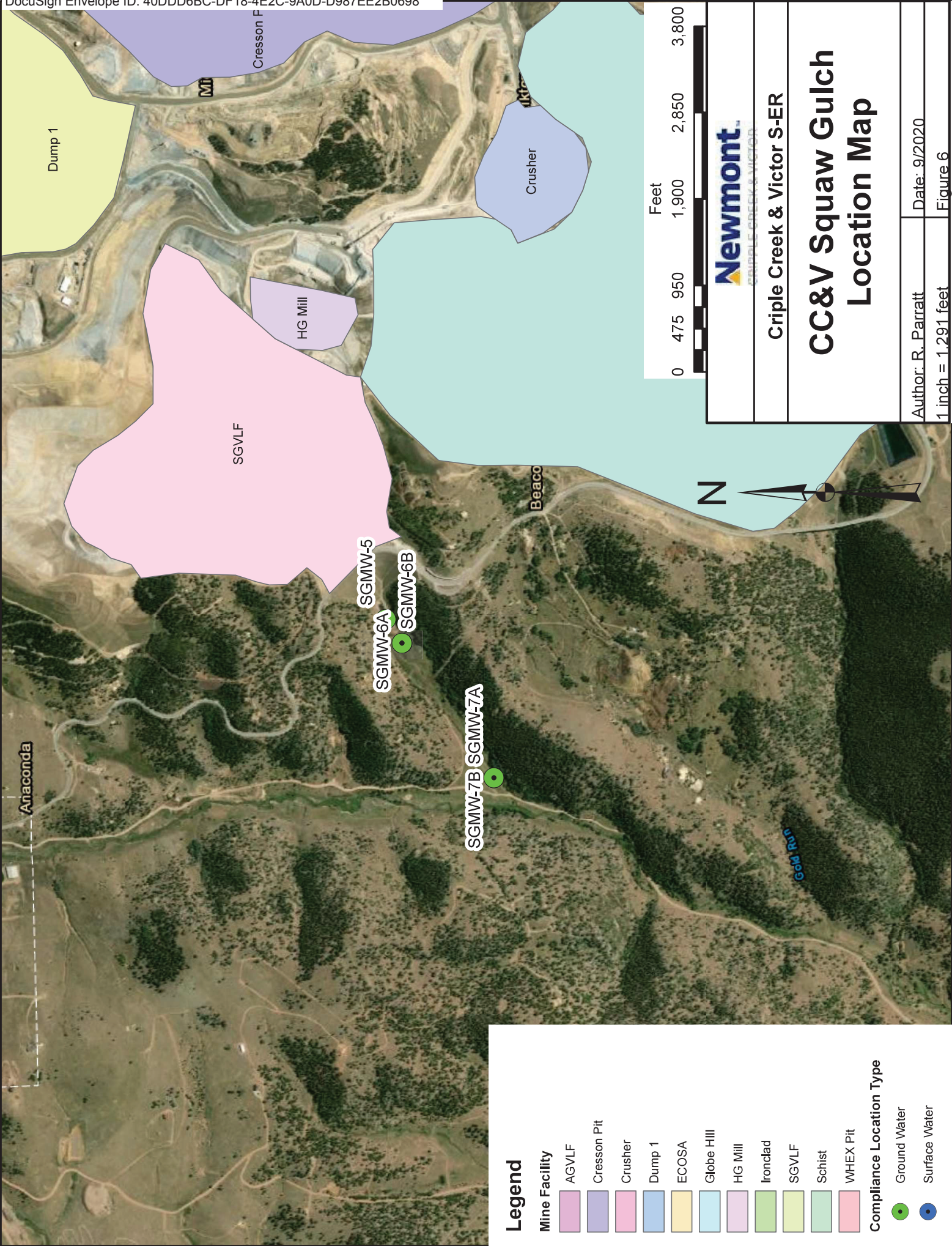
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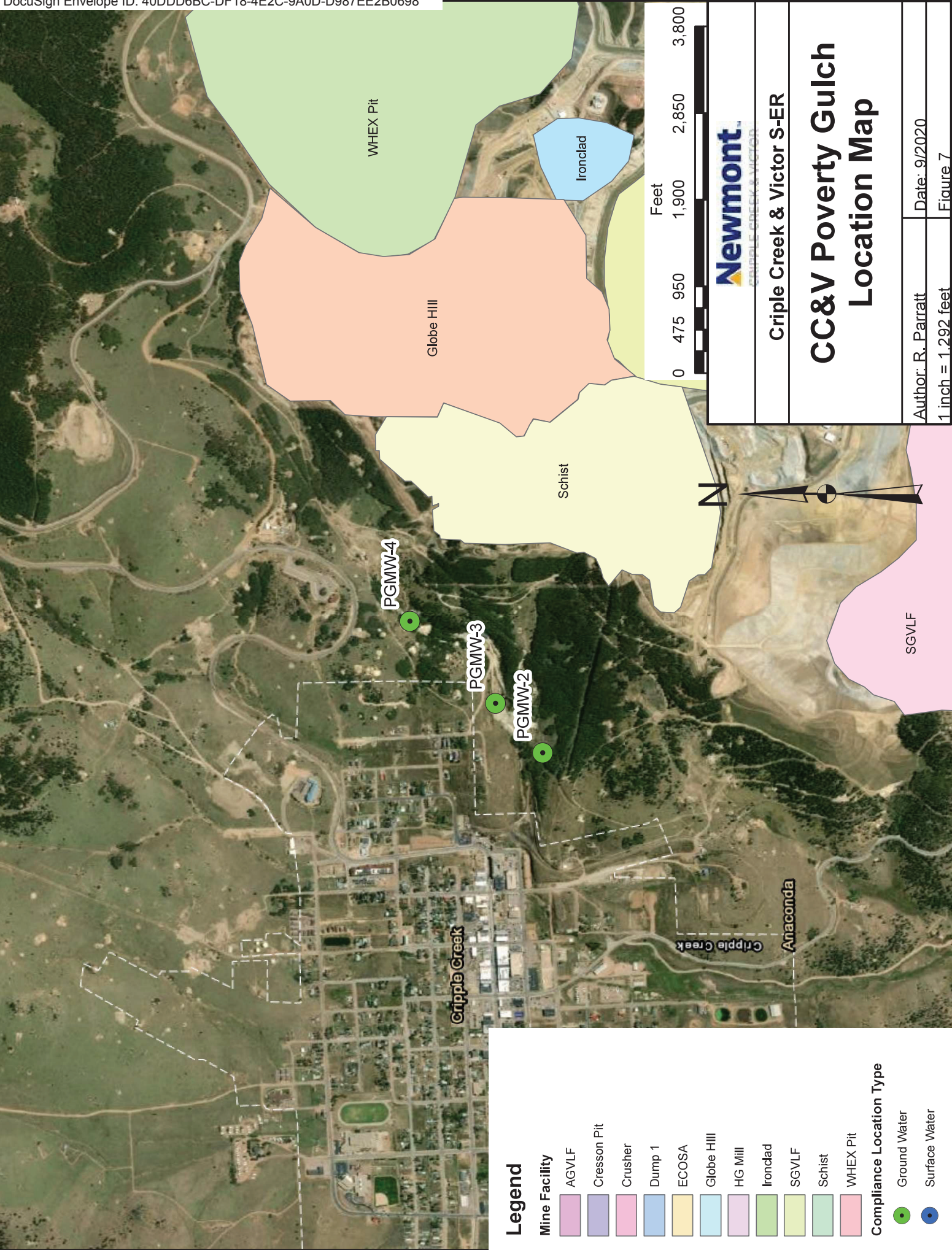
CC&V Vindicator Valley Location Map

Author: R. Parratt	Date: 9/2020
1 inch = 1,250 feet	
Figure 3	











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Field Sheets

O/G visible: Y/N
Equipment Decontaminated: Y/N
Decontamination procedure used: Tap water 19 min @ 2000 psi
Signature: [Signature]
Weather: Clear, 25°F

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Groundwater Sampling Log

Location:

Aragua Gulch

Date:

2-20-2023

Technician:

D. O. N. G.

Quarter:

1st

Static Water Level (DTW):

28

Well ID:

CRMW-3A

Is well Dry?

No

If so Dry at:

Well Depth:
feet

35

	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
29.2	2:15pm	1.2	6.95	2641	8.4	6 L/min Smelly
30.7	2:25	2.7	6.76	2674	8.3	6.5 L/min
29.6	2:35	1.6	6.82	2693	8.8	6.5 L/min
29.5	2:45	1.5	6.87	2686	8.7	2 L/min
29.5	2:50	1.5	6.83	2679	8.7	2 L/min

Sample Method: Low flow Rate (gpm): 0.5 Time Start: 2:15pm Time End: 2:50pm

Final Parameters	Stabilization Guidance	Met?	Comments
pH	6.83	0.1	Y/N
Conductivity	2679	3%	Y/N
Temp@	8.7	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 pump rinsed with ligand

Signature:

Weather:

Clear windy 40°F

3" pipe

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Groundwater Sampling Log

Location: Arizona GulchDate: 2-20-2023Technician: DoeringQuarter: 1stStatic Water Level (DTW): 30Well ID: CRMW-3BIs well Dry? NoIf so Dry at: — feetWell Depth: 63

	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
31.4	1:15 pm	1.4	7.52	2397	8.5	4 L/min
32.9	1:25	2.9	7.1	2366	8.6	
33.2	1:35	3.2	7.04	2472	8.6	3.5 L/min
33.5	1:45	3.5	7.12	2557	8.6	
33.6	1:55	3.6	7.09	2565	8.6	

Sample Method: Low Flow Rate (gpm): 0.95 Time Start: 1:15 pm Time End: 1:55 pm

Final Parameters	Stabilization Guidance	Met?	Comments
pH	7.09	0.1	<input checked="" type="checkbox"/> N
Conductivity	2565	3%	<input checked="" type="checkbox"/> N
Temp@	8.6	10%	<input checked="" type="checkbox"/> N
Final H2O level	33.6	feet	

O/G visible: ☒ N Turbid? ☒ N
 Equipment Decontaminated: ☒ N
 Decontamination procedure used: Deployable Pump mixed with Uglyrox

Signature: RLRWeather: Clear ~ 40°F Windy

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Groundwater Sampling Log

Location: Argona Gulch Date: 2-20-2023
 Technician: Doering Quarter: ~~1st~~ 1st
 Static Water Level (DTW): Can't measure with the Pump back Well ID: CRMW-3C
 Is well Dry? No If so Dry at: — Well Depth: 124 feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
1:40 pm		7.68	2377	8.7	

Sample Method: Continuous Pump Back Rate (gpm): ~2.5 Time Start: 1:40 pm Time End: 1:40 pm

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: Dedicated Pump

Signature: Weather: Cloud / windy

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Groundwater Sampling Log

Location :

Aregua Gulch

Date:

1/24/23

Technician:

LB/KR (Greosyntec)

Quarter:

1

Static Water Level:

20369

Well ID:

CRMW-5A

Is well Dry?

No

If so Dry at:

N/A

feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
<u>10:30</u>					<u>N/A - pumped dry</u>
					<u>insufficient</u>
					<u>volume to sample</u>

Sample Method:

Rate (gpm):

Time Start:

Time End:

Final Parameters	Stabilization Guidance	Met?	Comments
pH	<u>N/A; dry</u>	0.1	Y/N
Conductivity	<u>2</u>	3%	Y/N
Temp@	<u>↓</u>	10%	Y/N
Final H2O level		feet	

O/G visible:

Y/N

Turbid?

Y/N

Equipment Decontaminated:

Y/N N/A

Decontamination procedure used:

Ded. Pump used: DI water

Signature:

Weather:

LB/KR
Clear, 050°

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Groundwater Sampling Log

Location: Anequa Gulch Date: 1/24/24
 Technician: UB/KR (Geosyntec) Quarter: 1
 Static Water Level: 29.12 Well ID: CRMW-SB
 Is well Dry? No If so Dry at: N/A feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
0931	29.53	7.66	326.1	6.1	
0935	29.43	7.82	314.2	6.8	
0939	29.46	7.92	296.2	6.8	
0943	29.51	7.95	291.5	7.3	
0947	29.51	7.98	290.0	7.4	

Sample Method: Pump Rate (gpm): 400 Time Start: 0928 Time End: 0950

Final Parameters	Stabilization Guidance	Met?	Comments
pH	<u>7.98</u>	0.1	<u>Y/N</u>
Conductivity	<u>290.0</u>	3%	<u>Y/N</u>
Temp@	<u>7.4</u>	10%	<u>Y/N</u>
Final H2O level	<u>29.51</u>	feet	

O/G visible: Y/N Turbid? Y/N
 Equipment Decontaminated: Y/N N/A
 Decontamination procedure used: Dedicated pump used; WL meter
decontaminated with DI water
 Signature: [Signature]
 Weather: Clear, 0s of

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Groundwater Sampling Log

Location :

Aregua Gulch

Date:

24th
1/23/23

Technician:

LB/KR (Geosyntec)

Quarter:

1

Static Water Level:

29.24

Well ID:

CRMW-5C
CRMW-105H
(duplicate)

Is well Dry?

No

If so Dry at:

N/A

feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
0821	29.50	6.91	179.6	10.7	
0825	29.63	7.05	179.3	9.1	
0829	29.65	6.90	177.5	9.3	
0833	29.68	6.90	177.3	9.1	
0837	29.69	6.89	176.4	9.1	

Sample Method:

Pump

Rate (gpm):

225 mL/min

Time Start:

0815

Time End:

0840

Final Parameters	Stabilization Guidance	Met?	Comments
pH	6.89	0.1	Y/N
Conductivity	176.4	3%	Y/N
Temp@	9.1	10%	Y/N
Final H2O level	29.69	feet	

O/G visible:

Y/N?

Turbid?

Y/N?

Equipment Decontaminated:

Y/N with

Decontamination procedure used:

N/A - dedicated equipment;

Signature:

Weather:

1.11.01 101 meter
1.12.01 101 meter
1.13.01 101 meter
1.14.01 101 meter
1.15.01 101 meter
1.16.01 101 meter
1.17.01 101 meter
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1.81.01 101 meter
1.82.01 101 meter
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1.87.01 101 meter
1.88.01 101 meter
1.89.01 101 meter
1.90.01 101 meter
1.91.01 101 meter
1.92.01 101 meter
1.93.01 101 meter
1.94.01 101 meter
1.95.01 101 meter
1.96.01 101 meter
1.97.01 101 meter
1.98.01 101 meter
1.99.01 101 meter
1.100.01 101 meter

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Groundwater Sampling Log

Location : Arequa Gulch Date: 1/24/23
 Technician: LB/KR (Geosyntec) Quarter: 1
 Static Water Level: 18.11 Well ID: CRMW-5P
 Is well Dry? No If so Dry at: N/A feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
1049	18.76	7.21	108.2	6.7	difficultly stabilization flow
1053	18.72	7.11	109.3	6.4	
1100	18.55	6.88	108.3	7.5	flow stopped prior to measurement; had to adjust
1104	18.49	6.95	113.8	10.6	
1108	18.48	6.90	113.7	10.9	
1112	18.45	6.89	113.5	11.6	

Sample Method: Pump Rate (gpm): 400 Time Start: 1045 Time End: 1113

Final Parameters	Stabilization Guidance	Met?	Comments
pH	<u>6.89</u>	0.1	<u>Y/N</u>
Conductivity	<u>113.5</u>	3%	<u>Y/N</u>
Temp@	<u>11.6</u>	10%	<u>Y/N</u>
Final H2O level	<u>18.45</u>	feet	

O/G visible: Y/N Turbid? Y/N
 Equipment Decontaminated: Y/N N/A
 Decontamination procedure used: Decon. pump used; decont. w/ meter w/ DI water
 Signature: [Signature]
 Weather: clear, 10.5°F

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Groundwater Sampling Log

Location : ESP MW 1Date: 3/14/23Technician: P. Brinella / B. DoeringQuarter: 1Static Water Level (DTW): —Well ID: ESP MW 1Well Depth: —Is well Dry? yes ~~fluctuating~~If so Dry at: 164 ft feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
12:12	—	—	—	—	Dry bottom out at 164 ft

Sample Method: None Rate (gpm): — Time Start: — Time End: —

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

O/G visible: Y/NTurbid? Y/NEquipment Decontaminated: Y/NDecontamination procedure used: —Signature: Weather: —

DRY

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location :

LBKLR (Grassy Valley)

Date:

1/25/23 - 1/26/23

Technician:

Grassy Valley

Quarter:

1

Static Water Level:

156.18

Well ID:

GVWM-8A

Is well Dry?

No

If so Dry at:

N/A

feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
0945					Tubing not sealing
1037	156.74	8.18	474.0	5.7	water leaking @
1042	156.75	7.68	469.4	10.8	top of casing
1046	156.73	7.24	451.5	7.4	and not through
1050	156.62	7.07	449.1	10.2	tubing return
1054	—	7.06	456.6	6.7	with different
1135	156.60	7.28	440.6	5.3	tubing
1139	156.52	7.22	432.7	5.7	
1143	156.57	7.17	439.5	5.7	
1147	156.59	7.10	443.2	5.8	
1151	156.62	7.06	452.4	7.1	
1154	156.61	7.07	455.5	6.9	
1157	156.62	7.05	454.8	7.2	

Sample Method:

N/A Pump

Rate (gpm):

300 mV

Time Start: 0945

Time End:

N/A - no

1/25/23

pumping on

Final Parameters	Stabilization Guidance	Met?	Comments
pH	7.05	0.1	Y/N
Conductivity	454.8	3%	Y/N
Temp@	7.2	10%	Y/N
Final H2O level	156.62	feet	

O/G visible:

Y/N

Turbid?

Y/N

Equipment Decontaminated:

Y/N N/A

Decontamination procedure used:

Dedicate & pump & decon WL

Signature:

Weather:

1/25/23 1158

Time End 1/26/23: 1158

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location :

Grassy Valley

Date:

1/25/23

Technician:

LB/LR (Geosyntec)

Quarter:

1

Static Water Level:

42.33

Well ID:

GrVMW-8B

Is well Dry?

No

If so Dry at:

N/A

feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
0905	43.97	7.41	419.3	8.3	
0909	44.96	7.10	414.7	9.3	Flow is fluctuating, 3' lift
0913	45.13	7.15	415.9	8.9	to stabilize
0917	46.90	7.12	415.6	12.58	Temp fluctuating, not stabilize
					Flow
					well dry upon
					collection attempt;
					will return to
					collect sample
					1/26/23

Sample Method:

Pump

Rate (gpm):

400 ml

Time Start:

0900

Time End:

0908211/25/231/26/23

Final Parameters	Stabilization Guidance	Met?	Comments
pH	7.12	0.1	Y/N
Conductivity	415.6	3%	Y/N
Temp@	9.9	10%	Y/N
Final H2O level	46.90	feet	

O/G visible:

Y/N

Turbid?

Y/N

Equipment Decontaminated:

Y/N N/A

Decontamination procedure used:

Dead pump; WI meter decon

Signature:

Weather:

wt DI water
partly cloudy, windy, 05°F

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Grassy Valley Date: 1/25/23
 Technician: LB/KR (Geosynke) Quarter: 1
 Static Water Level: thick ice Well ID: GVMW-22A
 Is well Dry? No If so Dry at: N/A feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
0715					unable to obtain w/ measurements; ~2w inches of ice at top of water column; return with slug to break through

Sample Method: N/A 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	
Final H2O level	feet		

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

Equipment Decontaminated: Y/N

Decontamination procedure used: N/A

Signature: _____

Weather: cloudy, 63°F

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Grassy valleyDate: 3/14/23Technician: P. Barela / B. DoeringQuarter: 1Static Water Level (DTW): 2.8Well ID: GVMW2AIs well Dry? NOIf so Dry at: feetWell Depth: 70

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
9:21 am	—	—	—	—	Frozen at 2.8 feet

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

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

O/G visible: Y/NTurbid? Y/NEquipment Decontaminated: Y/NDecontamination procedure used: Signature: Weather: cold, partly cloudy

Frozen

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location :

Grassy Valley

Date:

1/25/23

Technician:

LB/KR (Grossinger)

Quarter:

1

Static Water Level:

4.15

Well ID:

GVMW-22B

Is well Dry?

No

If so Dry at:

N/A feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
0751	5.15	6.87	430.3	5.3	Pump controller on / lower
0755	5.22	6.85	429.9	5.4	minimum rate
0759	5.19	6.90	427.7	5.4	
0803	5.14	6.91	421.3	5.4	

Sample Method:

Pump

Rate (gpm):

300 ml/min

Time Start:

0748

Time End:

0805

Final Parameters	Stabilization Guidance	Met?	Comments
pH	6.91	0.1	Y/N
Conductivity	421.3	3%	Y/N
Temp@	5.4	10%	Y/N
Final H2O level	5.14	feet	

O/G visible:

Y/N

Turbid?

Y/N

Equipment Decontaminated:

Y/N

Decontamination procedure used:

Triple rinse pump w/ at 100% liquor x 5
DI water, decon w/ water w/ DI water

Signature:

Weather:

Clear, 65°F

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Grassy ValleyDate: 1-16-2023Technician: DocringQuarter: 1stStatic Water Level (DTW): 55.85Well ID: GUM-25Is well Dry? NoIf so Dry at: feetWell Depth: 79'

	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
65.7	9:25 AM	9.85	4.88	2700	5.8	
66.4	9:35 AM	10.55	5.07	2354	5.8	
66.5	9:45 AM	10.65	4.93	1911	5.8	
66.8	9:55 AM	10.95	4.91	1755	5.8	4 liters per min
66.9	10:00 AM	11.05	4.87	1791	5.8	
66.9	10:05 AM	11.05	4.81	1832	5.8	
66.9	10:10 AM	11.05	4.76	1870	5.8	4 L/min

Sample Method: Low Flow Rate (gpm): 1 Time Start: 9:25 AM ^{10:10} Time End: 10:10

Final Parameters	Stabilization Guidance		Met?	Comments
pH	4.76	0.1	<u>Y/N</u>	
Conductivity	1870	3%	<u>Y/N</u>	
Temp@	5.8	10%	<u>Y/N</u>	
Final H2O level	66.9	feet		

O/G visible: Y/NTurbid? Y/NEquipment Decontaminated: Y/NDecontamination procedure used: New filter and tubing used. Equipment
cleaned with WindexSignature: [Signature]Weather: clear / cold / windy 22°F

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Grassy Valley

Date: 2-7-2023

Technician: Doering

Quarter: 1st

Static Water Level (DTW): 66.65

Well ID: GUMW-25

Is well Dry? No

If so Dry at: _____ feet

Well Depth: _____

67.5
67.7
68
68.05

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
11:40	23.67 .85	4.81	2367	6.8	3L/m
11:50	1.05	4.58	2082	6.9	
12:00	1.35	4.62	1679	7.0	
12:05	1.4	4.61	1678	6.9	

Sample Method: Low Flow Stabilization Rate (gpm): .8 Time Start: 11:40 Time End: 12:05

Final Parameters	Stabilization Guidance	Met?	Comment
pH	4.61	0.1	Y/N
Conductivity	1678	3%	Y/N
Temp@	6.9	10%	Y/N
Final H2O level	68.05	feet	

O/G visible:

Y/N

Turbid?

Y/N

Equipment Decontaminated:

Y/N

Decontamination procedure used:

Rinsed with Ligumox and collected

a blank

Signature:

Weather:

Sunny Windy Cold

Duplicate
Collected

GUMW-125

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Grassy Valley

Date: 3/8/23

Technician: P. Barela / B. Doering

Quarter: 1

Static Water Level (DTW): 68.4

Well ID: GVMW-25

Is well Dry? NO

If so Dry at: —

Well Depth: 79
feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
11:42	.3	4.37	2054	5.9	3L/min
11:55	4.9	5.25	1523	6	
12:05	7.9	5.12	1873	6	.7L/min
12:15	8	5.08	1938	7	
12:20	9.1	5.13	1927	6.6	
12:29	—	—	—	—	Dry at 77 Ft
1:42	6.6	5.16	1938	6.7	

73.3

76.3

76.4

77.5

75

Sample Method: Purged & Return Rate (gpm): .7 Time Start: 11:42 Time End: 1:42

Final Parameters	Stabilization Guidance	Met?	Comments
pH	<u>5.16</u>	0.1	<u>Y/N</u>
Conductivity	<u>1728</u>	3%	<u>Y/N</u>
Temp°C	<u>6.7</u>	10%	<u>Y/N</u>
Final H2O level		feet	

O/G visible: Y/N

Turbid?

Y/N

— slight discoloration

Equipment Decontaminated: Y/N

Decontamination procedure used:

triple rinse with Liquinox

Signature: [Signature]

Weather: Overcast / windy / cold

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Powertr Gulch

Date: 3/15/23

Technician: P. Banerla

Quarter: 1

Static Water Level (DTW): —

Well ID: PGMW 2

Is well Dry? yes

If so Dry at: 220 feet

Well Depth: —

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
<u>10:10 am</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>Dry at 220</u>

Sample Method: — Rate (gpm): — Time Start: — Time End: —

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

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: used

Signature: [Signature]

Weather:

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Poverty Gulch Date: 1/25/23
 Technician: W/H R (Greasyhoke) Quarter: 1
 Static Water Level: 50.04 Well ID: PGMW-3
 Is well Dry? No If so Dry at: N/A feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
1351	50.72	4.83	1176	5.8	d. difficulty stabilizing flow
1355	50.97	4.73	1131	6.3	
1359	51.41	4.46	1196	6.5	
1403	51.94	4.43	1197	6.5	
1407	52.23	4.45	1201	6.5	

Sample Method: Pump Rate (gpm): 400 ^{ml/min} Time Start: 1348 Time End: 1410

Final Parameters	Stabilization Guidance	Met?	Comments
pH	<u>4.45</u>	0.1	<u>Y/N</u>
Conductivity	<u>1201</u>	3%	<u>Y/N</u>
Temp@	<u>6.5</u>	10%	<u>Y/N</u>
Final H2O level	<u>52.23</u>	feet	

O/G visible: Y/N Turbid? Y/N
 Equipment Decontaminated: Y/N
 Decontamination procedure used: Decont pump (triple rinse with 1 gallon DI water) ; decan w/ meter with DI water
 Signature: [Signature]
 Weather: Snow, Dst, wind

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Poverty Gulch Date: 1/25/23
 Technician: LB/KR (Cressyville) Quarter: 1
 Static Water Level: 39.16 Well ID: PGMW-1
 Is well Dry? No If so Dry at: N/A feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
1230					Insufficient to pump

Sample Method: N/A 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	
Final H2O level	feet		

O/G visible: N/A Turbid? N/A
 Equipment Decontaminated: Y/N
 Decontamination procedure used: Decon w/ meter w/ DI water
 Signature: [Signature]
 Weather: snow, wind, 05°F

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : SGMW-5 Matze Gulch Date: 1/23/23
 Technician: LB/KR (Geosenter) Quarter: 1
 Static Water Level: 26^{ft} N/A Well ID: SGMW-5
 Is well Dry? Yes If so Dry at: 256 feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
1150					Dry; TD=256'

Sample Method: N/A Rate (gpm): _____ Time Start: _____ Time End: _____

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

O/G visible: Y/N N/A Turbid? Y/N
 Equipment Decontaminated: Y/N
 Decontamination procedure used: DS water to decon WD meter

Signature: [Signature]
 Weather: cloudy, snow, 10s °F

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Marze GulchDate: 1/23/23Technician: LPB/KRQuarter: 1Static Water Level: N/AWell ID: SG MW-6AIs well Dry? Yes If so Dry at: 400 feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
1215					Dry, TD = 400'

Sample Method: N/A 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	
Final H2O level	feet		

O/G visible: Y/N N/A Turbid? Y/NEquipment Decontaminated: Y/NDecontamination procedure used: Dr water for WL meterSignature: [Signature]Weather: cloudy snow, 15°F

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location :

813
S Maize Gulch

Date:

1/23/23

Technician:

LB/KR

Quarter:

1

Static Water Level:

48.51 2659

Well ID:

SGMW-63

Is well Dry?

No

If so Dry at:

N/A

feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
1254	27.55	6.67	2460	12.3	
1258	27.76	6.59	2447	12.0	
1302	27.93	6.60	2444	11.9	
1307	28.03	6.61	2449	11.8	

Sample Method:

820 Pump

Rate (gpm):

~500 mL/min

Time Start: 1250

Time End: 1310

Final Parameters	Stabilization Guidance	Met?	Comments
pH	6.61	0.1	Y/N
Conductivity	2449	3%	Y/N
Temp@	11.8	10%	Y/N
Final H2O level	28.03	feet	

O/G visible:

Y/N

Equipment Decontaminated:

Turbid?

Y/N

Decontamination procedure used:

Y/N N/A - dedicated equipment
DI water for DC meter

Signature:

[Signature]

Weather:

Partly cloudy, flurries, 10s of

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Maize Gulch Date: 1/23/23
 Technician: LB/KR Cressyler Quarter: 1
 Static Water Level: 404.90 Well ID: SGMW-7A
 Is well Dry? Yes If so Dry at: 404.4 feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
1345					Dry, TD = 404.4

Sample Method: N/A 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	
Final H2O level	feet		

O/G visible: Y/N Turbid? Y/N
 Equipment Decontaminated: Y/N
 Decontamination procedure used: N/A water for WL meter

Signature: [Signature]
 Weather: partly sunny, 10s °F

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Maize GulchDate: 1/23/23Technician: LB/KR (Geosyntec)Quarter: 1Static Water Level: 59.43Well ID: SGMW-4BIs well Dry? NIf so Dry at: N/A feetNot enough to pump

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
1355					

Sample Method: N/A 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	
Final H2O level	feet		

O/G visible: Y/N N/A Turbid? Y/NEquipment Decontaminated: Y/NDecontamination procedure used: DI water for WL metersSignature: [Signature]Weather: partly sunny, 105°F

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location: Vindicator ValleyDate: 3/15/23Technician: A. Barela / B. DeeringQuarter: 1Static Water Level (DTW): 253.5Well ID: VIN 2AWell Depth: 270Is well Dry? NOIf so Dry at: — feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
12:16	—	—	—	—	Started discharging
12:28	0.1	7.15	1280	8.1	
12:38	0.6	7.7	1267	9.3	
12:48		7.86	1265	8.3	
12:58		8.04	1255	8.8	
1:08		8.04	1257	7.2	
1:18		8.06	1251	7.2	

253.6

254.1

254.2

254.8

254.1

254.3

Sample Method: LOW FLOW Rate (gpm): .025 Time Start: 12:16 Time End: 1:18

Final Parameters	Stabilization Guidance	Met?	Comments
pH	<u>8.06</u>	0.1	<u>Y/N</u>
Conductivity	<u>1251</u>	3%	<u>Y/N</u>
Temp@	<u>9.2</u>	10%	<u>Y/N</u>
Final H2O level	feet		

O/G visible: Y/NTurbid? Y/NEquipment Decontaminated: Y/N dedicated pump.

Decontamination procedure used: _____

Signature: _____

Weather: Sunny, windy, cold

Clear, windy, 050°

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location :

WCMW-3 ^{JB} Wilson Creek

Date:

1/24/23

Technician:

LB/KR (Geosyntec)

Quarter:

1

Static Water Level:

64.14

Well ID:

WCMW-3

Is well Dry?

No

If so Dry at:

N/A

feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
1324	65.43	7.79	429.7	6.2	
1328	65.42	7.90	426.0	7.0	
1332	65.44	7.92	426.3	7.2	
1336	65.46	7.92	426.8	7.4	

Sample Method:

Pump

Rate (gpm):

400 ^{ml}/_{min}

Time Start:

1320

Time End:

1337

Final Parameters	Stabilization Guidance	Met?	Comments
pH	<u>7.92</u>	0.1	<u>Y/N</u>
Conductivity	<u>426.8</u>	3%	<u>Y/N</u>
Temp@	<u>7.4</u>	10%	<u>Y/N</u>
Final H2O level	<u>65.46</u>	feet	

O/G visible:

Y/N

Turbid?

Y/N

Equipment Decontaminated:

Y/N

Decontamination procedure used:

Alcon & DI water decon for
deployable pump; DI water for w/ notes
partly cloudy, 105°F

Signature:

Weather:

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Wilson Creek

Date: 3/15/23

Technician: P. Banella

Quarter: 1

Static Water Level (DTW):

Well ID: WCMW-6

Is well Dry?

If so Dry at: feet

Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
11:00am	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Inaccessible

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

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

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: Road is still full of snow. unable to drive w/out getting stuck

Signature: *[Signature]*

Weather:

NO access. TOO much snow

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location :

jm
~~Ag~~ Aragua Gulch
 AG-2.0, AG-102E

Date:

1/24/23

Technician:

LB/LR (Geosyntec)

GPS Coordinates:

Time	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
1145	7.81	83.22		0.0	Black of ice at bottom of flume; see photo

Sample Method:

Grab

Sample Depth

Surface, from weir

Turbid

[Y/N]

Clear

[Y/N]

Weather:

Clear, 0sf

Signature:

Comments:

Collected duplicate AG-102E

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: GV-02Date: 2-21-2023Technician: DoeringQuarter: 1st

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
2:53 pm				

Sample
Method:No Sample

Oil/Gas visible

[Y/N] ☒

Turbid

[Y/N] ☒

Clear

[Y/N] ☒

Weather:

clear / cold / windy

Signature:

[Signature]

Comments:

No flow. Snow drifts present

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: GV-03Date: 1/26/23Technician: LB/KR (Geosyntec)

GPS Coordinates: _____

Time	pH (S.U.)	Cond. (uS/cm)	DO (%/mg/L)	Temp. (°C)	Notes
0820					see comments

Sample Method: N/A

Sample Depth: _____

Turbid [Y/N]

Clear [Y/N]


Weather: Snow, wind, 0s°FSignature: [Signature]

Comments:

flume filled w/ snow? ice ; no visible flow

Newmont Mining Co**Cripple Creek & Victor Gold Mining Co****Surface Water Sampling Log****Location :** GV#03**Date:** 3/15/23**Technician:** P. Barila**Quarter:** 1

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
1:49 pm	8.25	90.71	3.4	.1 ^{0P} 05 ft Flow

Sample Method: Grab**Oil/Gas visible** [Y/☒N]**Turbid** [☒Y/N]**Clear** [Y/☒N]**Weather:** Sunny, windy, cold**Signature:** **Comments:**Snow melt

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: T-2Date: 2-21-2023Technician: DoeringQuarter: 1st

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
2:44 pm	—	—	—	—

Sample

Method:

No Sample

Oil/Gas visible

[Y/N]

Turbid

[Y/N]

Clear

[Y/N]

Weather:

Clear / cold / windy

Signature:

[Signature]

Comments:

No flow . snow present



Cripple Creek & Victor
Gold Mining Company
100 North 3rd Street
P.O. Box 191
Victor, Colorado 80860

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newmont.com

Groundwater

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244****SAMPLE LOCATION :** CRMW 3A-35**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr	
Name of Certified Lab	(mg/L)*	Field	SVL Analytical, Inc.
Lab Reference #	-		X3B0276-03
Sample Date	-	1/26/2023	2/20/2023
Lab Test Date	-		3/9/2023
Sampled By	-		BOD

Aluminium - Dissolved (mg/L)	7.0000		<0.080
Ammonia (mg/L)	---		0.085
Antimony - Dissolved (mg/L)	0.0060		<0.00100
Arsenic - Dissolved (mg/L)	0.0100		<0.00100
Barium - Dissolved (mg/L)	2.0000		0.0331
Beryllium - Dissolved (mg/L)	0.0040		<0.00200
Boron - Dissolved (mg/L)	0.7500		0.0864
Cadmium - Dissolved (mg/L)	0.0050		<0.0020
Calcium - Dissolved (mg/L)	---		392
Chloride - Total (mg/L)	---		304
Chromium - Dissolved (mg/L)	0.1000		<0.0060
Cobalt - Dissolved (mg/L)	0.0500		0.0291
Copper - Dissolved (mg/L)	0.2000		<0.0100
Cyanide - Free (mg/L)	0.2000		<0.0050
Cyanide - Total (mg/L)	---		0.0310
Cyanide - WAD (mg/L)	0.2000		<0.0050
Fluoride - Total F (mg/L)	2.0000		3.07
Iron - Dissolved (mg/L)	14.0000		0.147
Lead - Dissolved (mg/L)	0.0500		<0.0075
Lithium - Dissolved (mg/L)	2.5000		0.130
Manganese - Dissolved (mg/L)	3.0000		0.0599
Mercury - Dissolved (mg/L)	0.00200000		<0.000200
Molybdenum - Dissolved (mg/L)	0.2100		0.0457
Nickel - Dissolved (mg/L)	0.2000		<0.0100
Nitrate as Nitrogen (mg/L)	10.0000		7.47
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000		7.49
Nitrite as Nitrogen (mg/L)	1.0000		<0.050
pH Field (pH unit)	6.00-8.50		6.83
Selenium - Dissolved (mg/L)	0.0240		<0.0100
Silver - Dissolved (mg/L)	0.0500		<0.0050
Sodium - Dissolved (mg/L)	---		101
Sulfate - Total (mg/L)	250.00		1100
Thallium - Dissolved (mg/L)	0.0020		<0.00100
Total Dissolved Solids (mg/L)	---		1910
Total Suspended Solids (mg/L)	---		<5.0
Uranium - Dissolved (mg/L)	0.0300		0.0118
Vanadium - Dissolved (mg/L)	0.1000		<0.0050
Zinc - Dissolved (mg/L)	2.0000		0.0101
No Sample Reason	---	Equipment Failure	

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244****SAMPLE LOCATION :** CRMW 3B-63**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3B0276-02
Sample Date	-	2/20/2023
Lab Test Date	-	3/9/2023
Sampled By	-	BOD

Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	<0.00100
Barium - Dissolved (mg/L)	2.0000	0.0150
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	0.0832
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Calcium - Dissolved (mg/L)	---	368
Chloride - Total (mg/L)	---	316
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0341
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	0.0061
Cyanide - WAD (mg/L)	0.2000	<0.0050
Fluoride - Total F (mg/L)	2.0000	3.33
Iron - Dissolved (mg/L)	14.0000	0.250
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	0.107
Manganese - Dissolved (mg/L)	8.1000	5.15
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	2.03
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	2.05
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-9.00	7.09
Selenium - Dissolved (mg/L)	0.0240	<0.0100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	102
Sulfate - Total (mg/L)	1070.00	961
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1760
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.0237
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.0816

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244****SAMPLE LOCATION :** CRMW 3C-124**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3B0276-01
Sample Date	-	2/20/2023
Lab Test Date	-	3/9/2023
Sampled By	-	BOD

Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	0.189
Antimony - Dissolved (mg/L)	0.0060	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	<0.00100
Barium - Dissolved (mg/L)	2.0000	0.0088
Beryllium - Dissolved (mg/L)	0.0040	0.00220
Boron - Dissolved (mg/L)	0.7500	0.0799
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Calcium - Dissolved (mg/L)	---	355
Chloride - Total (mg/L)	---	304
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0308
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	<0.0050
Fluoride - Total F (mg/L)	2.0000	2.99
Iron - Dissolved (mg/L)	14.0000	0.172
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	0.078
Manganese - Dissolved (mg/L)	3.0000	3.82
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	0.710
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.723
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	7.68
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	88.4
Sulfate - Total (mg/L)	250.00	842
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1620
Total Suspended Solids (mg/L)	---	15.0
Uranium - Dissolved (mg/L)	0.0300	0.0256
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.104

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** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	1/24/2023
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Insufficient
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Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244****SAMPLE LOCATION :** CRMW 5B-143**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0299-03
Sample Date	-	1/24/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	0.053
Antimony - Dissolved (mg/L)	0.0060	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	<0.00100
Barium - Dissolved (mg/L)	2.0000	0.0080
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Calcium - Dissolved (mg/L)	---	42.8
Chloride - Total (mg/L)	---	9.03
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	<0.0050
Fluoride - Total F (mg/L)	2.0000	2.94
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	0.0405
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	0.087
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	7.98
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	8.82
Sulfate - Total (mg/L)	250.00	34.6
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	196
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00726
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244****SAMPLE LOCATION :** CRMW 5C-60**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0299-01
Sample Date	-	1/24/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	7.0000	0.186
Ammonia (mg/L)	---	0.234
Antimony - Dissolved (mg/L)	0.0060	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	<0.00100
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
Calcium - Dissolved (mg/L)	---	20.2
Chloride - Total (mg/L)	---	6.58
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	<0.0050
Fluoride - Total F (mg/L)	2.0000	3.19
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	0.092
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	6.89
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	7.60
Sulfate - Total (mg/L)	250.00	27.8
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	129
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.000378
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244****SAMPLE LOCATION :** CRMW 5D-27**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0299-04
Sample Date	-	1/24/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	7.0000	0.999
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	<0.00100
Barium - Dissolved (mg/L)	2.0000	0.0387
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Calcium - Dissolved (mg/L)	---	12.3
Chloride - Total (mg/L)	---	4.79
Chromium - Dissolved (mg/L)	0.1000	0.0070
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	<0.0050
Fluoride - Total F (mg/L)	2.0000	3.32
Iron - Dissolved (mg/L)	14.0000	0.569
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	0.0198
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.127
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.127
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	6.89
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	5.25
Sulfate - Total (mg/L)	250.00	14.1
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	95
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.000187
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

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

SAMPLE LOCATION : ESPMW **Collar Elv (ft) :** N/A **Reporting Period** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	3/14/2023
Lab Test Date	-	
Sampled By	-	
No Sample Reason	---	Dry

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

SAMPLE LOCATION : GVMW 22A-70 **Collar Elv (ft) :** N/A **Reporting Period** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	3/14/2023
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Frozen
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Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244****SAMPLE LOCATION :** GVMW 22B-30**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0311-01
Sample Date	-	1/25/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	<0.00100
Barium - Dissolved (mg/L)	2.0000	0.0530
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Calcium - Dissolved (mg/L)	---	41.0
Chloride - Total (mg/L)	---	6.52
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	<0.0050
Fluoride - Total F (mg/L)	2.0000	0.435
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	0.0328
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	0.213
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.213
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	6.91
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	28.8
Sulfate - Total (mg/L)	250.00	110
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	220
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00151
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244****SAMPLE LOCATION :** GVMW 8A-250**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0320-02
Sample Date	-	1/26/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	<0.00100
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
Calcium - Dissolved (mg/L)	---	49.1
Chloride - Total (mg/L)	---	69.3
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	<0.0050
Fluoride - Total F (mg/L)	2.0000	1.96
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	1.02
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	1.02
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.50-8.50	7.05
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	24.7
Sulfate - Total (mg/L)	250.00	58.6
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	272
Total Suspended Solids (mg/L)	---	6.0
Uranium - Dissolved (mg/L)	0.0300	0.00457
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

SAMPLE LOCATION : GVMW 8B-50 **Collar Elv (ft) :** N/A **Reporting Period** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0320-01
Sample Date	-	1/26/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	<0.00100
Barium - Dissolved (mg/L)	2.0000	0.0059
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Calcium - Dissolved (mg/L)	---	40.1
Chloride - Total (mg/L)	---	31.1
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	<0.0060
Copper - Dissolved (mg/L)	0.2000	0.0196
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0050
Fluoride - Total F (mg/L)	2.0000	2.32
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	2.07
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	2.07
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	7.12
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	23.7
Sulfate - Total (mg/L)	250.00	102
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	284
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00264
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

SAMPLE LOCATION : GVMW-25 **Collar Elv (ft) :** N/A **Reporting Period** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr		
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X3A0197-02	X3B0099-02RE2	X3C0119-01RE1
Sample Date	-	1/16/2023	2/7/2023	3/8/2023
Lab Test Date	-	1/27/2023	3/8/2023	4/12/2023
Sampled By	-	BOD	ROD	PB

Aluminium - Dissolved (mg/L)	7.0000	29.9	15.2	10.9
Ammonia (mg/L)	---	<0.030	0.069	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00100	<0.00100	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	0.00267	0.00190	<0.00200
Barium - Dissolved (mg/L)	2.0000	0.0102	0.0087	0.0128
Beryllium - Dissolved (mg/L)	0.0040	0.0486	0.0298	0.0223
Boron - Dissolved (mg/L)	0.7500	<0.0400	<0.0400	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	0.104	0.0646	0.0694
Calcium - Dissolved (mg/L)	---	278	229	292
Chloride - Total (mg/L)	---	16.1	14.9	15.7
Chromium - Dissolved (mg/L)	0.1000	<0.0060	<0.0060	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0659	0.0361	0.0313
Copper - Dissolved (mg/L)	0.2000	0.0736	0.0546	0.0501
Cyanide - Free (mg/L)	0.2000	<0.0050	<0.0050	<0.0050
Cyanide - Total (mg/L)	---	<0.0050	<0.0050	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0050	<0.0050	<0.0050
Fluoride - Total F (mg/L)	2.0000	7.97	5.36	4.21
Iron - Dissolved (mg/L)	14.0000	<0.100	0.101	<0.100
Lead - Dissolved (mg/L)	0.0500	<0.0075	<0.0075	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040	<0.040	0.041
Manganese - Dissolved (mg/L)	3.0000	15	8.95	10.1
Mercury - Dissolved (mg/L)	0.00200000	<0.000200	<0.000200	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080	<0.0080	<0.0080
Nickel - Dissolved (mg/L)	0.2000	0.219	0.145	0.157
Nitrate as Nitrogen (mg/L)	10.0000	2.01	1.85	1.98
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	2.01	1.85	1.98
Nitrite as Nitrogen (mg/L)	1.0000	<0.050	<0.050	<0.050
pH Field (pH unit)	6.00-8.50	4.76	4.61	5.16
Selenium - Dissolved (mg/L)	0.0240	0.0131	0.0121	0.0100
Silver - Dissolved (mg/L)	0.0500	<0.0050	<0.0050	<0.0050
Sodium - Dissolved (mg/L)	---	30.5	24.4	33.7
Sulfate - Total (mg/L)	250.00	1260	1060	1160
Thallium - Dissolved (mg/L)	0.0020	<0.00100	<0.00100	<0.00100
Total Dissolved Solids (mg/L)	---	2040	1490	1650
Total Suspended Solids (mg/L)	---	5	<5.0	70.0
Uranium - Dissolved (mg/L)	0.0300	0.0702	0.0343	0.0302
Vanadium - Dissolved (mg/L)	0.1000	<0.0050	<0.0050	<0.0050
Zinc - Dissolved (mg/L)	2.0000	3.76	2.13	2.14

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244**

SAMPLE LOCATION : PGMW-3 **Collar Elv (ft) :** N/A **Reporting Period** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0311-02
Sample Date	-	1/25/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	7.0000	15.1
Ammonia (mg/L)	---	0.502
Antimony - Dissolved (mg/L)	0.0060	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	<0.00100
Barium - Dissolved (mg/L)	2.0000	0.0165
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	0.0138
Calcium - Dissolved (mg/L)	---	153
Chloride - Total (mg/L)	---	44.2
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0555
Copper - Dissolved (mg/L)	0.2000	0.622
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	0.2000	<0.0050
Fluoride - Total F (mg/L)	2.0000	3.33
Iron - Dissolved (mg/L)	14.0000	0.123
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	12.6
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	0.114
Nitrate as Nitrogen (mg/L)	10.0000	9.43
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	9.46
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	4.45
Selenium - Dissolved (mg/L)	0.0240	0.00404
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	21.1
Sulfate - Total (mg/L)	250.00	592
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	909
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00138
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	1.62

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

SAMPLE LOCATION : PGMW-4 **Collar Elv (ft) :** N/A **Reporting Period** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	1/25/2023
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Insufficient
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Newmont USA Limited
DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244

SAMPLE LOCATION : SGMW 6A-400 Collar Elv (ft) : N/A Reporting Period 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	1/23/2023
Lab Test Date	-	
Sampled By	-	
No Sample Reason	---	Dry / Insufficient

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244****SAMPLE LOCATION :** SGMW 6B-60**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0270-07
Sample Date	-	1/23/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	7.0000	0.378
Ammonia (mg/L)	---	0.066
Antimony - Dissolved (mg/L)	0.0060	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	0.00189
Barium - Dissolved (mg/L)	2.0000	0.0097
Beryllium - Dissolved (mg/L)	0.0040	0.0817
Boron - Dissolved (mg/L)	0.7500	0.0903
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Calcium - Dissolved (mg/L)	---	455
Chloride - Total (mg/L)	---	144
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0203
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	<0.0050
Fluoride - Total F (mg/L)	2.0000	7.97
Iron - Dissolved (mg/L)	14.0000	13.6
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	0.084
Manganese - Dissolved (mg/L)	3.0000	8.39
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	0.0337
Nitrate as Nitrogen (mg/L)	10.0000	<0.050
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	6.61
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	63.8
Sulfate - Total (mg/L)	250.00	1110
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1950
Total Suspended Solids (mg/L)	---	34.0
Uranium - Dissolved (mg/L)	0.0300	0.00183
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.108

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

SAMPLE LOCATION : SGMW 7A-400 Collar Elv (ft) : N/A Reporting Period 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	1/23/2023
Lab Test Date	-	
Sampled By	-	
No Sample Reason	---	Dry

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

SAMPLE LOCATION : SGMW 7B-60 **Collar Elv (ft) :** N/A **Reporting Period** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	1/23/2023
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Insufficient
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Newmont USA Limited
DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244

SAMPLE LOCATION : SGMW-5 Collar Elv (ft) : N/A Reporting Period 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	1/23/2023
Lab Test Date	-	
Sampled By	-	
No Sample Reason	---	Dry

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244****SAMPLE LOCATION :** VIN 2A-270**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3C0226-02
Sample Date	-	3/15/2023
Lab Test Date	-	3/29/2023
Sampled By	-	

Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00200
Arsenic - Dissolved (mg/L)	0.0100	<0.00200
Barium - Dissolved (mg/L)	2.0000	0.0083
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Calcium - Dissolved (mg/L)	---	211
Chloride - Total (mg/L)	---	7.15
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)	---	0.0057
Cyanide - WAD (mg/L)	0.2000	<0.0050
Fluoride - Total F (mg/L)	2.0000	0.248
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	0.142
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 + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	8.06
Selenium - Dissolved (mg/L)	0.0240	<0.00200
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	22.5
Sulfate - Total (mg/L)	250.00	687
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1030
Total Suspended Solids (mg/L)	---	6.0
Uranium - Dissolved (mg/L)	0.0300	0.00284
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	1.85

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244****SAMPLE LOCATION :** VIN 2B-140**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0320-03
Sample Date	-	1/26/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	<0.00100
Barium - Dissolved (mg/L)	2.0000	0.0055
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Calcium - Dissolved (mg/L)	---	200
Chloride - Total (mg/L)	---	10.5
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0064
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	<0.0050
Fluoride - Total F (mg/L)	2.0000	0.169
Iron - Dissolved (mg/L)	14.0000	0.183
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	4.0000	2.13
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 + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.50-8.50	7.35
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	33.9
Sulfate - Total (mg/L)	800.00	735
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	1070
Total Suspended Solids (mg/L)	---	7.0
Uranium - Dissolved (mg/L)	0.0300	0.000216
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: M-1980-244****SAMPLE LOCATION :** WCMW 3-134**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0295-03
Sample Date	-	1/24/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	---	0.059
Antimony - Dissolved (mg/L)	0.0060	<0.00100
Arsenic - Dissolved (mg/L)	0.0100	<0.00100
Barium - Dissolved (mg/L)	2.0000	0.0662
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Calcium - Dissolved (mg/L)	---	60.5
Chloride - Total (mg/L)	---	1.13
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	<0.0050
Fluoride - Total F (mg/L)	2.0000	0.739
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)	0.5000	0.0157
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 + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-9.00	7.92
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)	---	10.3
Sulfate - Total (mg/L)	250.00	24.9
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)	---	235
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.0300	0.00683
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

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

SAMPLE LOCATION : WCMW 6-234 **Collar Elv (ft) :** N/A **Reporting Period** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	3/15/2023
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Inaccessible
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Surface Water

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:M-1980-244**

SAMPLE LOCATION : AG 2.0 **Collar Elv (ft) :** N/A **Reporting Period** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0295-01
Sample Date	-	1/24/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	11	<0.080
Ammonia (mg/L)	3.14	<0.030
Antimony - Dissolved (mg/L)	---	<0.00100
Arsenic - Dissolved (mg/L)	0.34	<0.00100
Arsenic - Total Recoverable in Water (mg/L)	0.1	<0.00100
Barium - Dissolved (mg/L)	---	0.0219
Beryllium - Dissolved (mg/L)	---	<0.00200
Boron - Total (mg/L)	0.75	<0.0400
Cadmium - Dissolved (mg/L)	0.000276	<0.000100
Calcium - Dissolved (mg/L)	---	8.63
Chloride - Total (mg/L)	---	3.66
Chromium - Dissolved (mg/L)	0.026	<0.00100
Copper - Dissolved (mg/L)	0.003	0.00043
Cyanide - Free (mg/L)	0.005	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	---	<0.0050
Fluoride - Total F (mg/L)	---	2.56
Iron - Dissolved (mg/L)	1	<0.100
Lead - Dissolved (mg/L)	0.0006	<0.00020
Manganese - Dissolved (mg/L)	3.674	<0.0080
Mercury - Dissolved (mg/L)	---	<0.000200
Molybdenum - Dissolved (mg/L)	0.15	<0.0080
Nickel - Dissolved (mg/L)	0.018	<0.0100
Nitrate as Nitrogen (mg/L)	100	0.136
Nitrite + Nitrate as Nitrogen (mg/L)	---	0.136
Nitrite as Nitrogen (mg/L)	0.05	<0.050
pH Field (pH unit)	6.0 - 9.0	7.81
Selenium - Dissolved (mg/L)	0.0046	<0.00100
Silver - Dissolved (mg/L)	0.000036	<0.00008
Sodium - Dissolved (mg/L)	---	4.89
Sulfate - Total (mg/L)	---	7.87
Thallium - Dissolved (mg/L)	---	<0.00100
Total Dissolved Solids (mg/L)	---	49
Total Suspended Solids (mg/L)	---	<5.0
Uranium - Dissolved (mg/L)	0.37	0.000104
Zinc - Dissolved (mg/L)	0.6	<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 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	2/21/2023
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	No flow
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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** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3C0226-01RE2
Sample Date	-	3/15/2023
Lab Test Date	-	4/4/2023
Sampled By	-	PB

Aluminium - Dissolved (mg/L)	---	0.497
Ammonia (mg/L)	1.654	0.106
Antimony - Dissolved (mg/L)	---	<0.00100
Arsenic - Dissolved (mg/L)	0.34	<0.00100
Arsenic - Total Recoverable in Water (mg/L)	0.00002	0.00118
Barium - Dissolved (mg/L)	---	0.0435
Beryllium - Dissolved (mg/L)	---	<0.00200
Boron - Total (mg/L)	0.75	<0.0400
Cadmium - Dissolved (mg/L)	0.00018	<0.000100
Calcium - Dissolved (mg/L)	---	4.54
Chloride - Total (mg/L)	250	11.5
Chromium - Dissolved (mg/L)	0.0166	<0.00100
Copper - Dissolved (mg/L)	0.00188	0.00211
Cyanide - Free (mg/L)	0.005	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	---	<0.0050
Fluoride - Total F (mg/L)	---	0.339
Iron - Dissolved (mg/L)	0.3	0.257
Lead - Dissolved (mg/L)	0.000329	0.00090
Manganese - Dissolved (mg/L)	0.898	0.0585
Mercury - Dissolved (mg/L)	0.00001	<0.000200
Molybdenum - Dissolved (mg/L)	---	<0.0080
Nickel - Dissolved (mg/L)	0.011	<0.0100
Nitrate as Nitrogen (mg/L)	10	0.085
Nitrite + Nitrate as Nitrogen (mg/L)	---	0.102
Nitrite as Nitrogen (mg/L)	0.05	<0.050
pH Field (pH unit)	---	8.25
Selenium - Dissolved (mg/L)	0.0046	<0.00100
Silver - Dissolved (mg/L)	0.000014	<0.00008
Sodium - Dissolved (mg/L)	---	6.48
Sulfate - Total (mg/L)	250	5.09
Thallium - Dissolved (mg/L)	---	<0.00100
Total Dissolved Solids (mg/L)	---	160
Total Suspended Solids (mg/L)	---	34.0
Uranium - Dissolved (mg/L)	0.2	0.000151
Zinc - Dissolved (mg/L)	0.023	0.0239

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

SAMPLE LOCATION : T2 Collar Elv (ft) : N/A Reporting Period 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	2/21/2023
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	No flow
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Newmont USA Limited
DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:M-1980-244

SAMPLE LOCATION : WCSW-01 **Collar Elv (ft) :** N/A **Reporting Period** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	Field
Lab Reference #	-	
Sample Date	-	3/15/2023
Lab Test Date	-	
Sampled By	-	

No Sample Reason	---	Inaccessible
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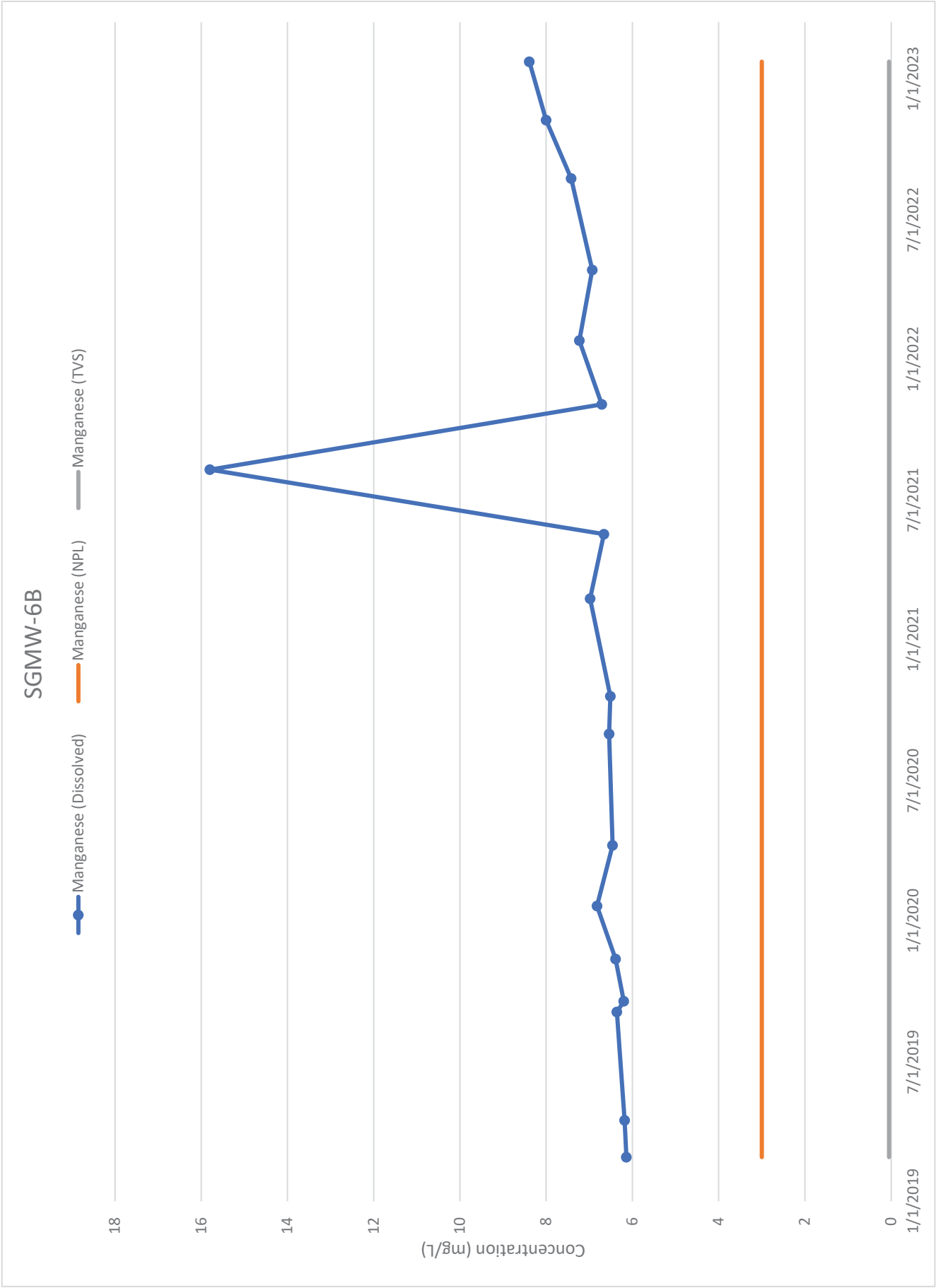


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Graphs

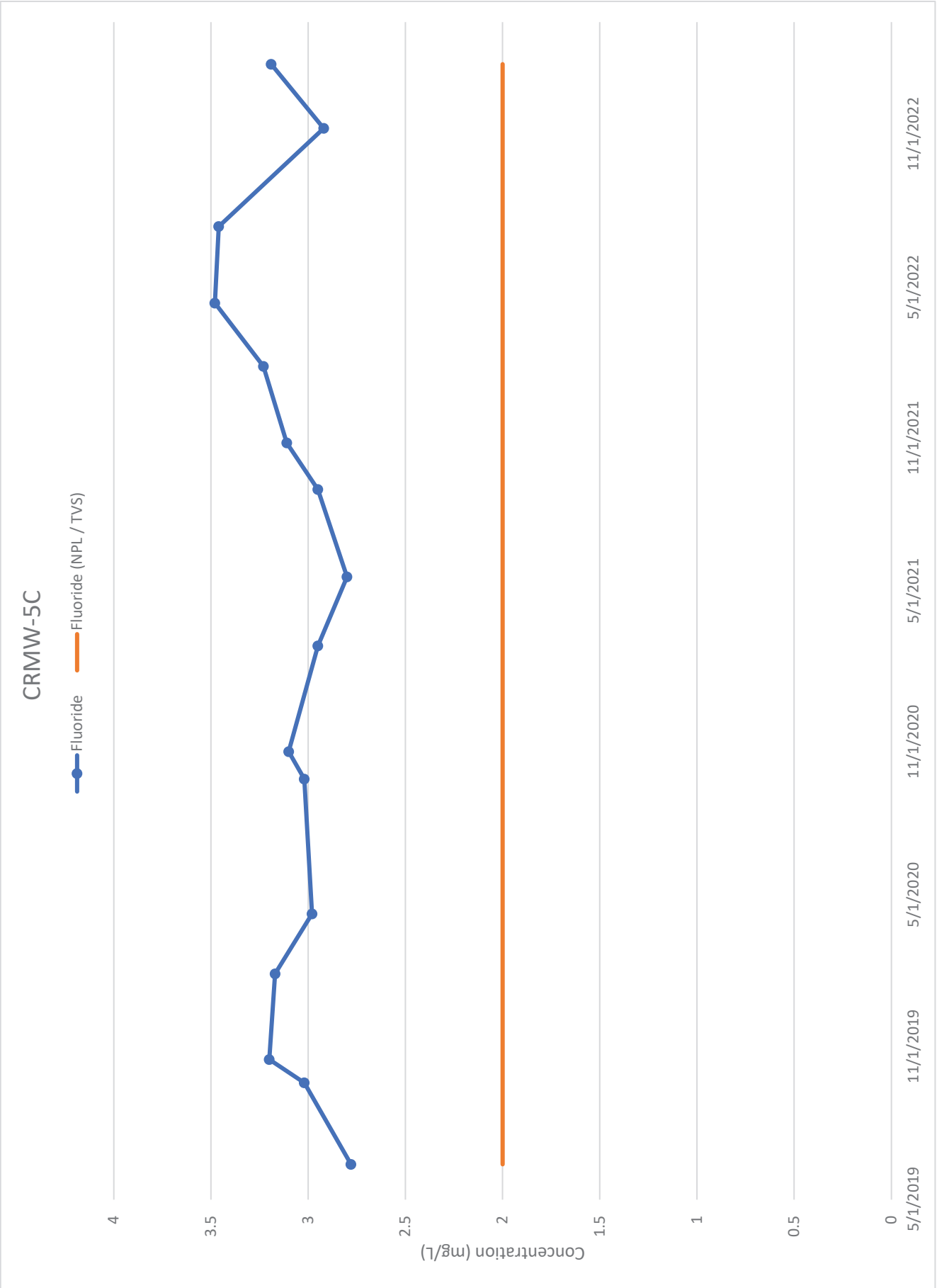


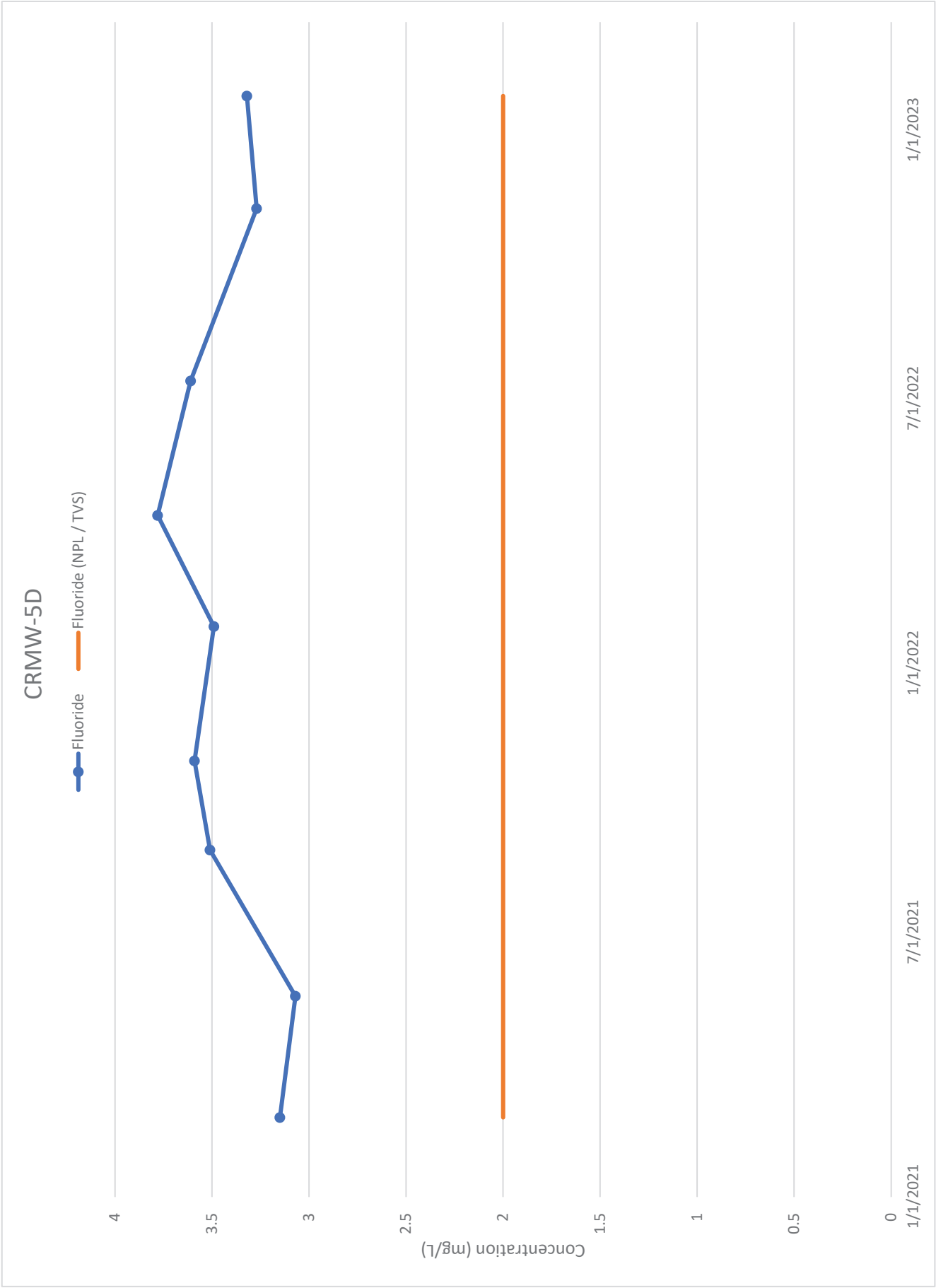




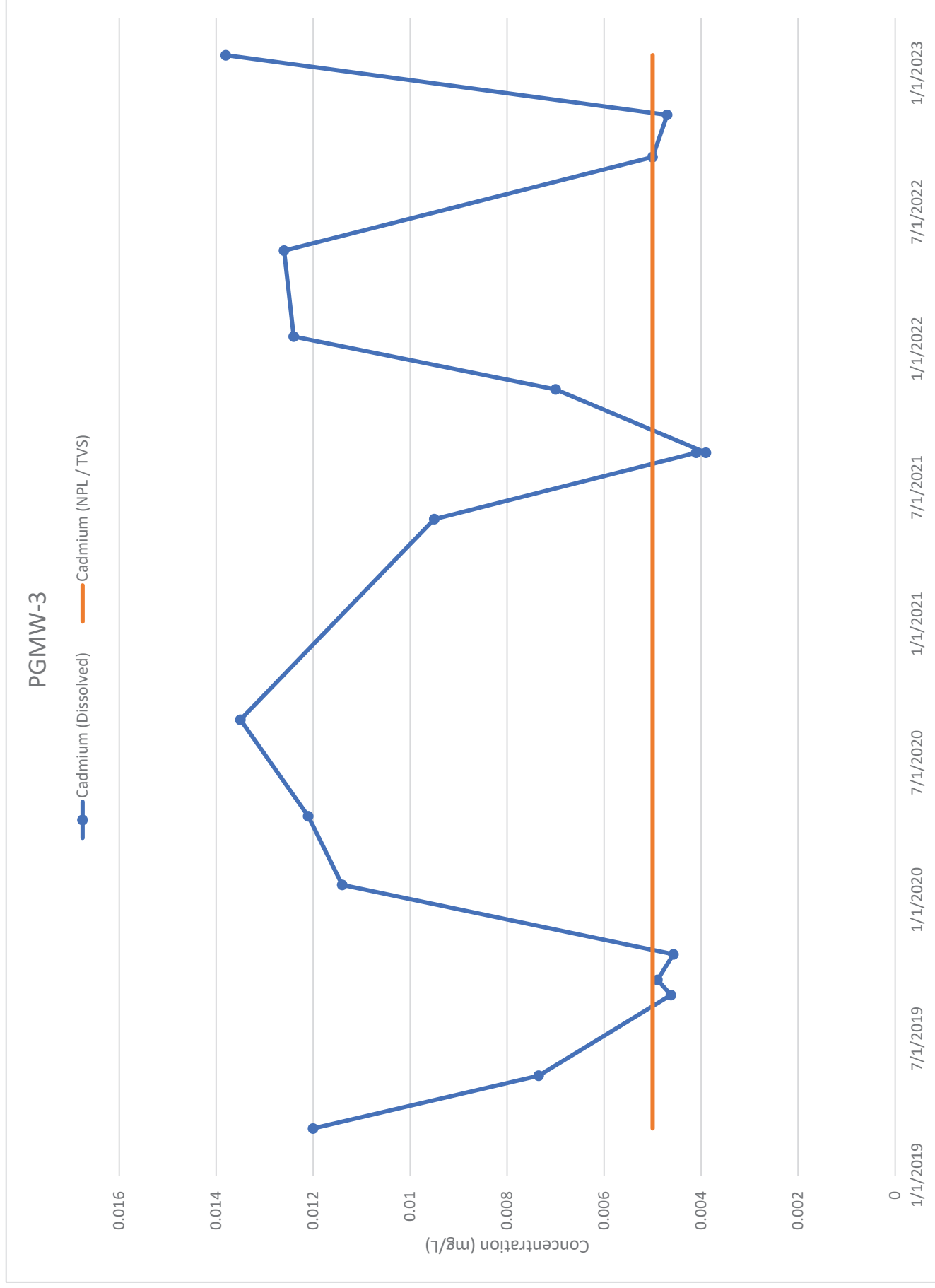






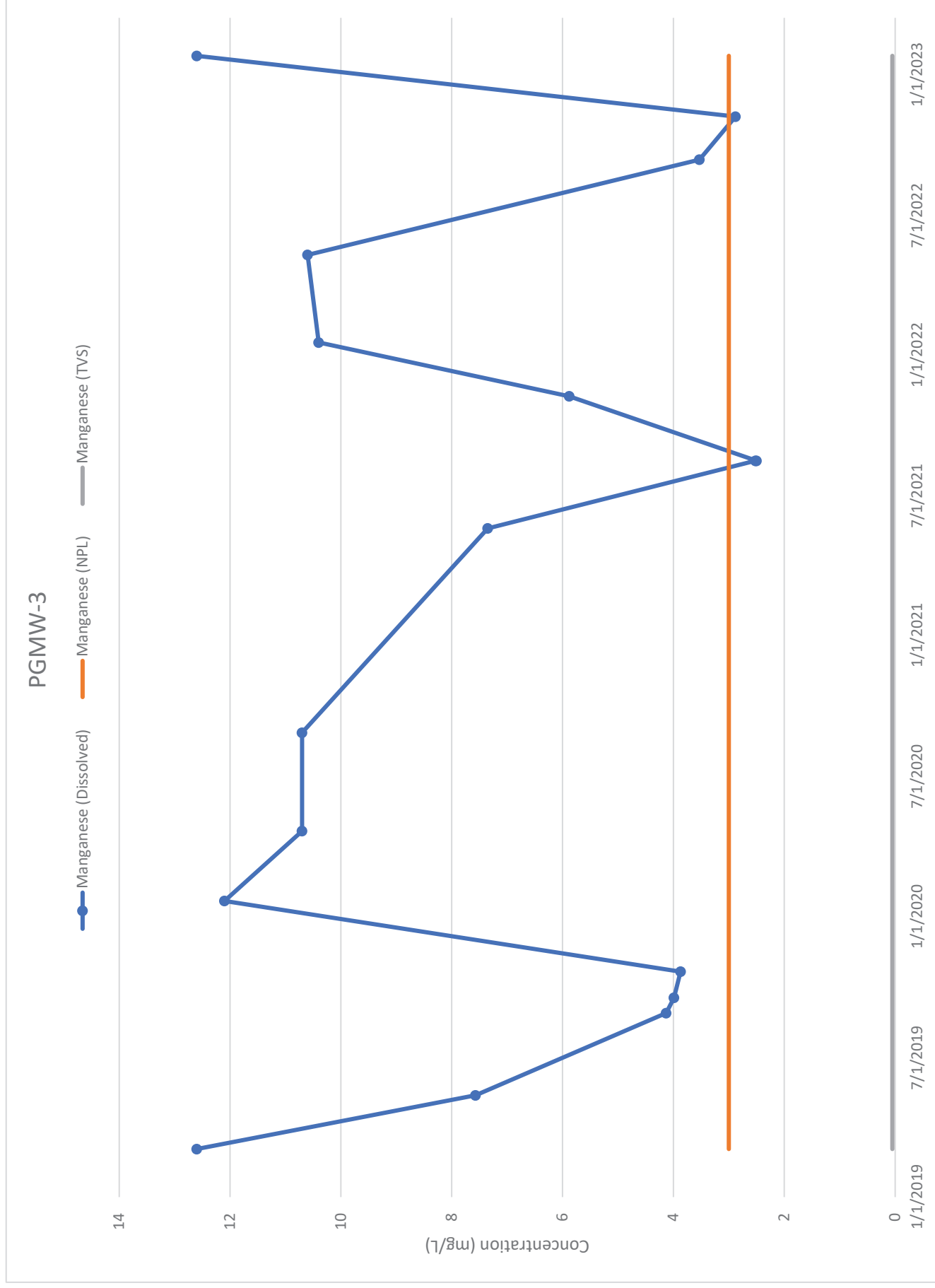




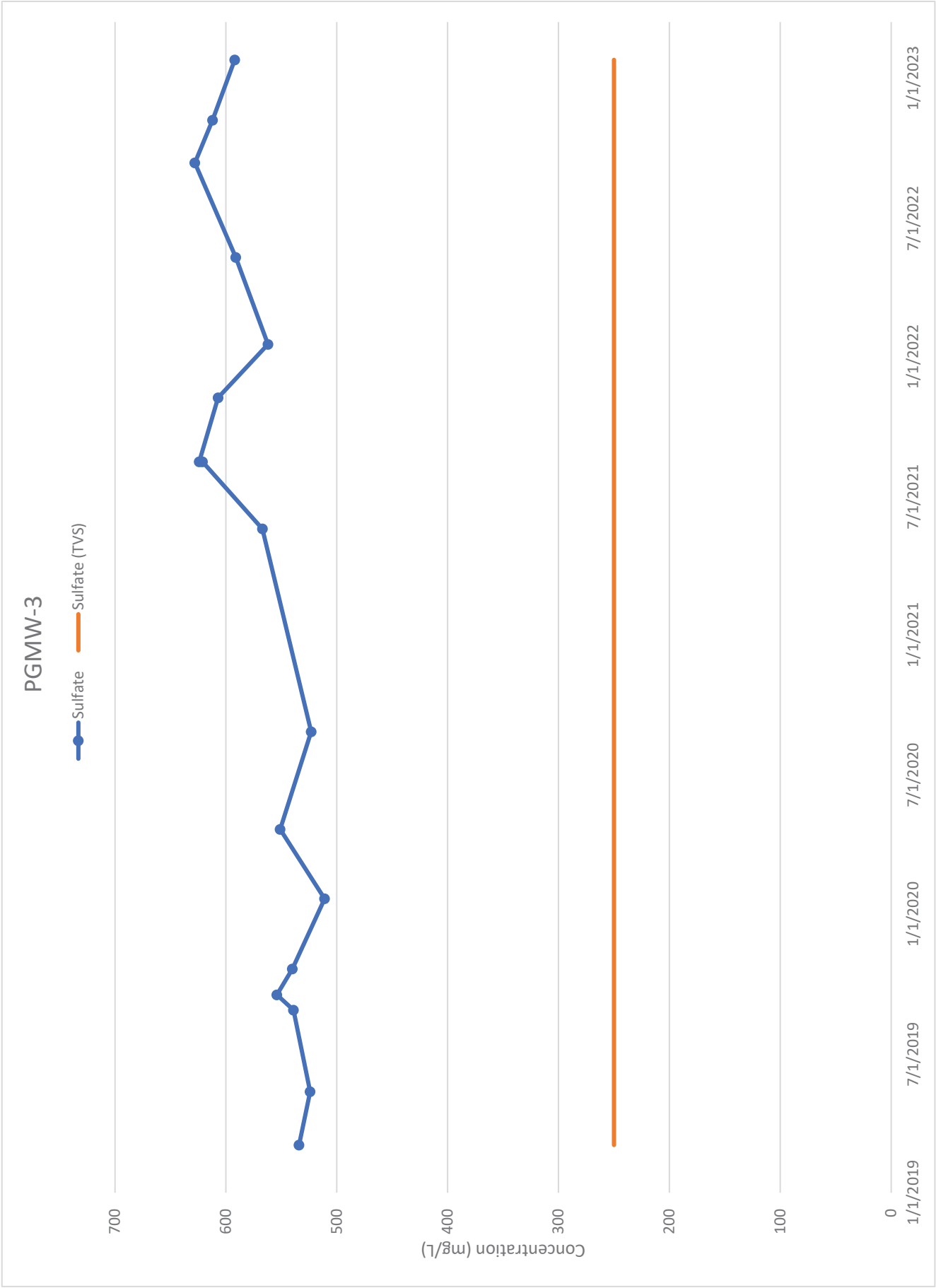




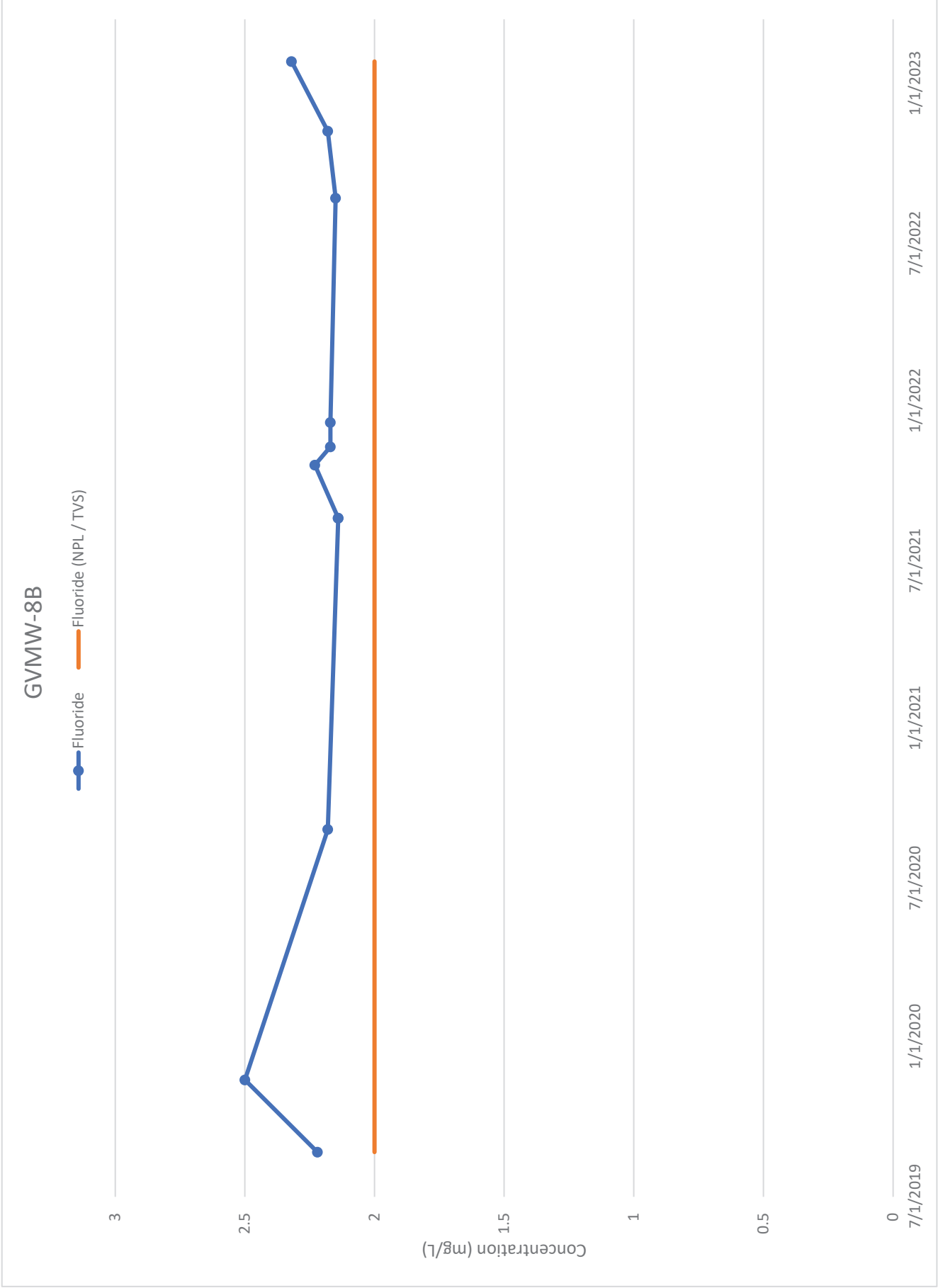


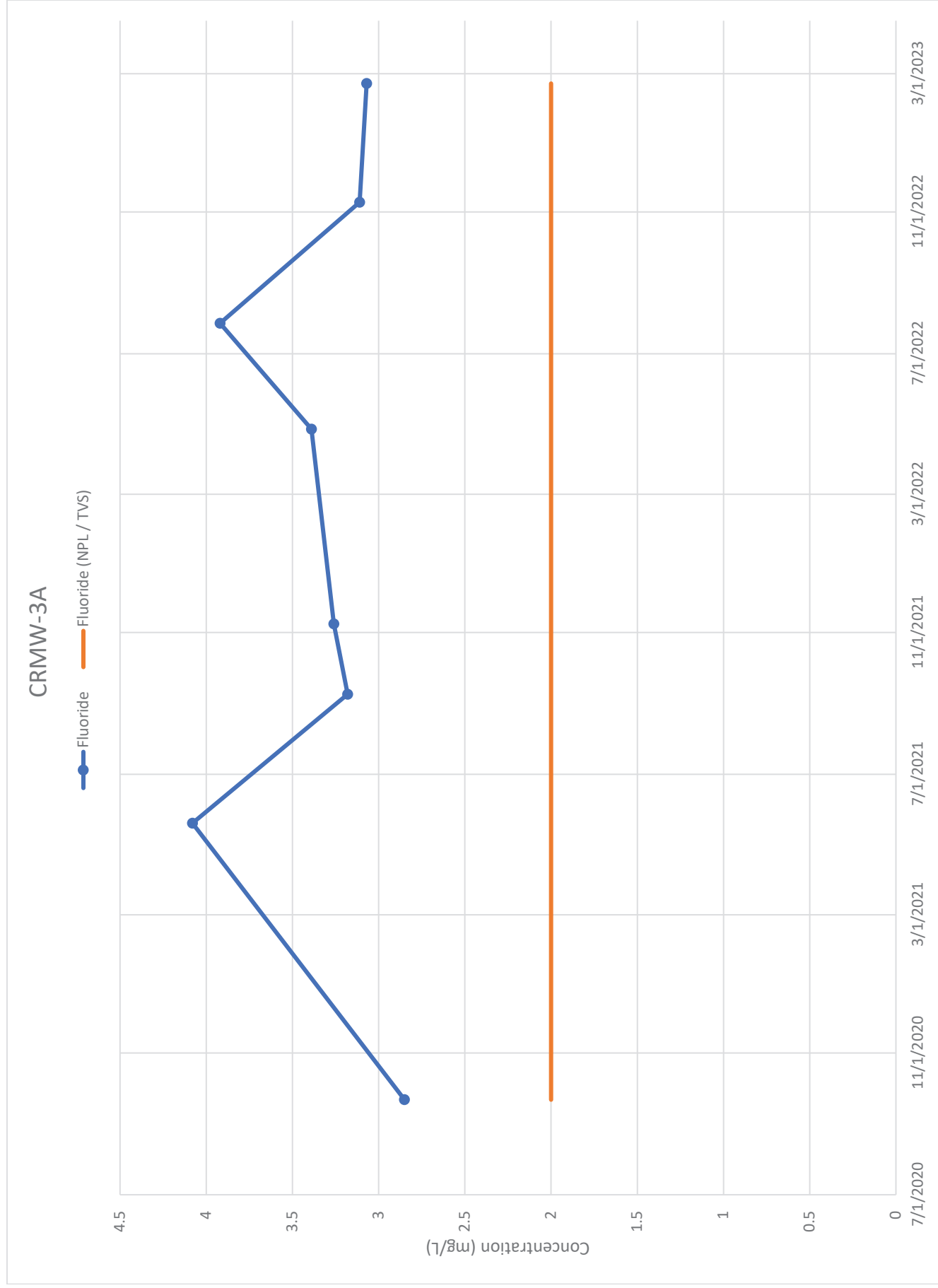


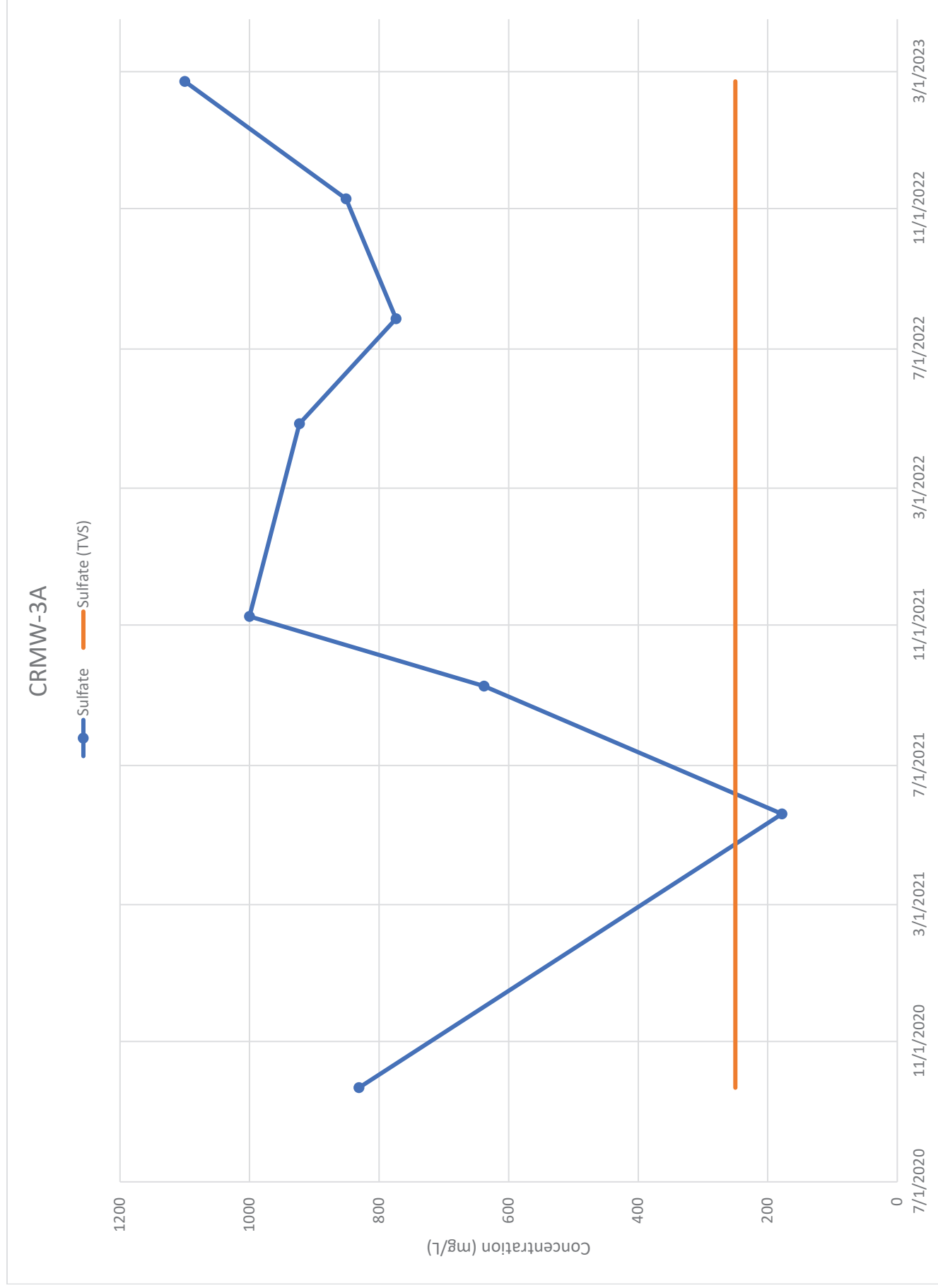


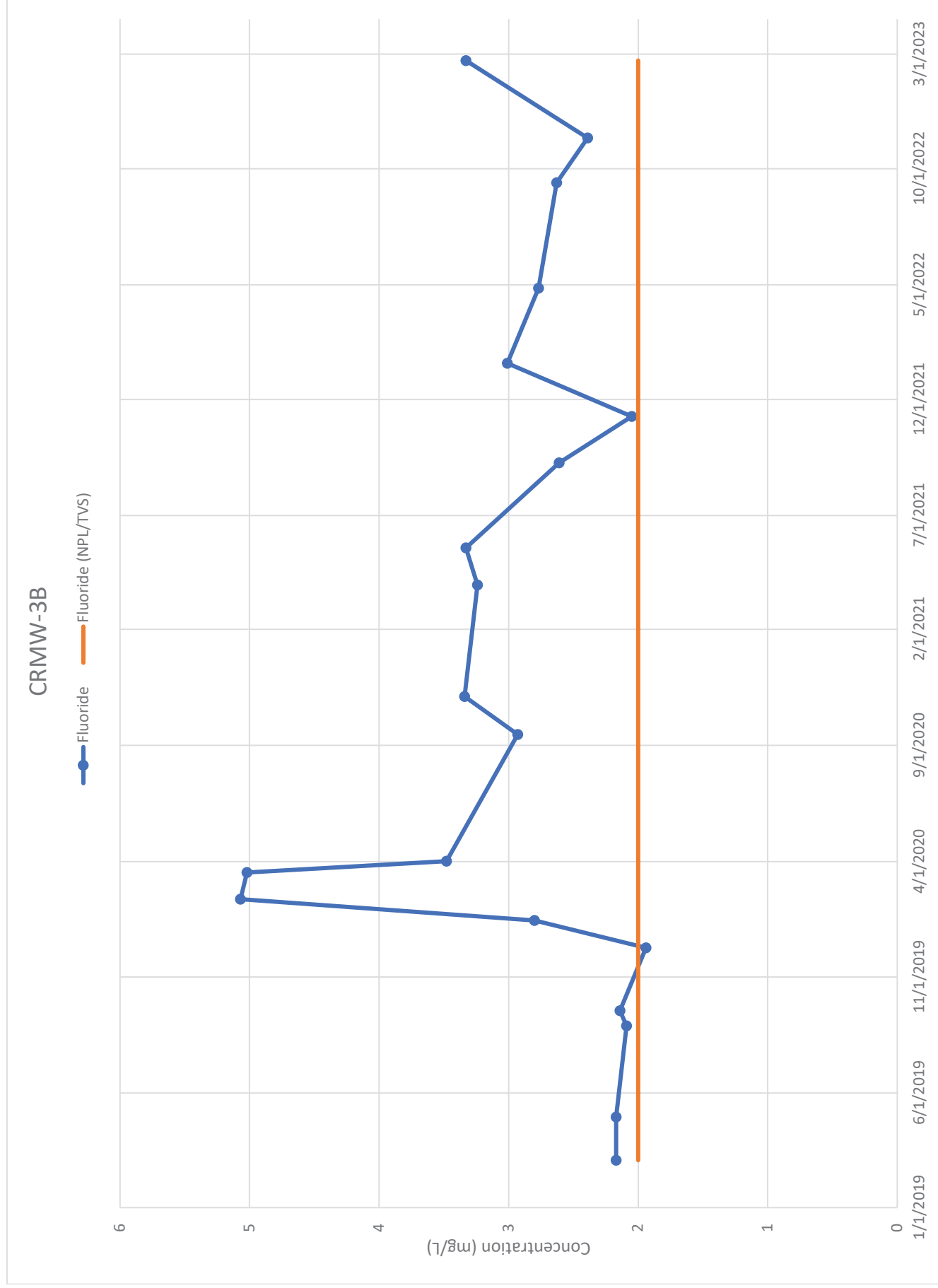


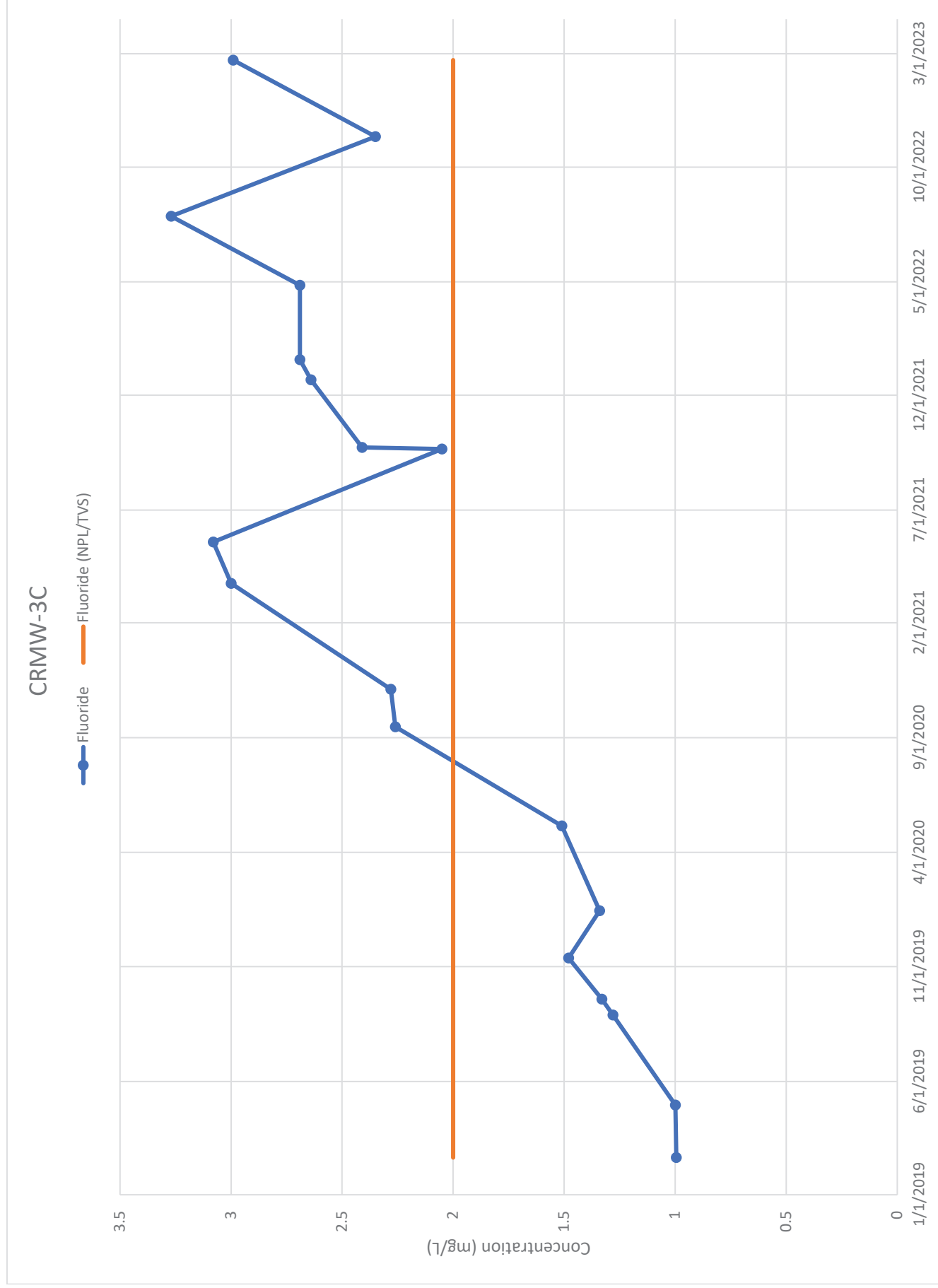


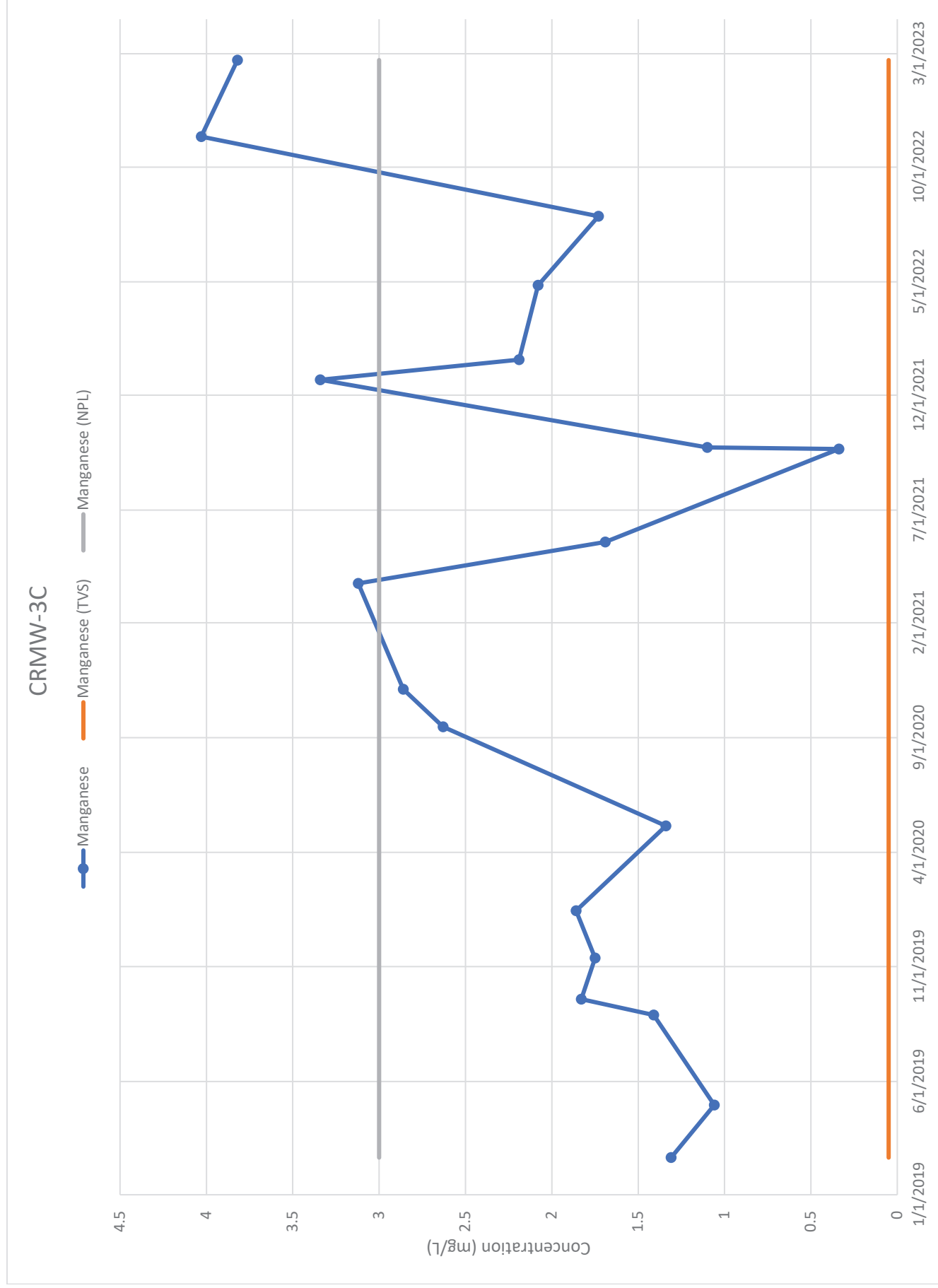


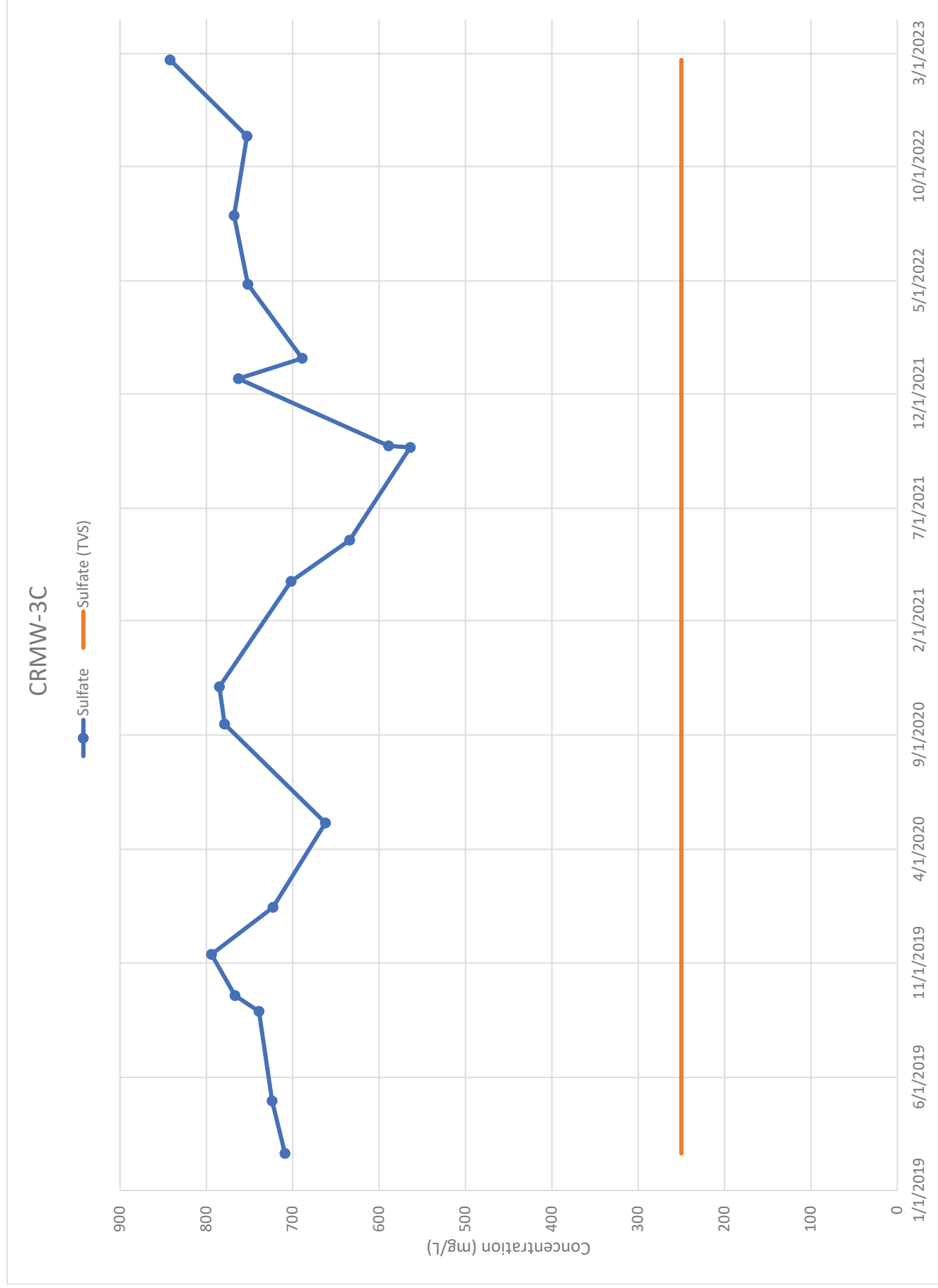




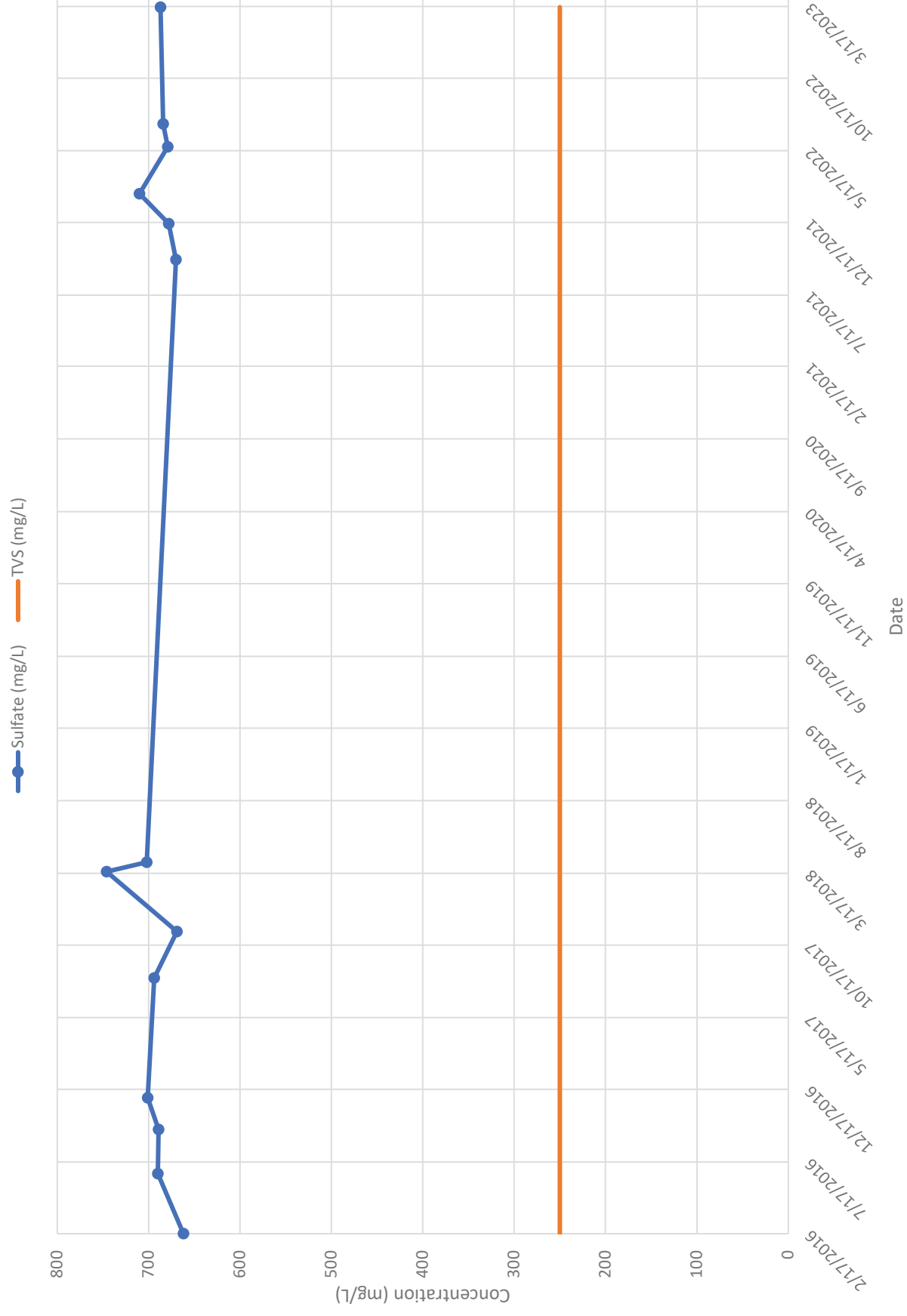




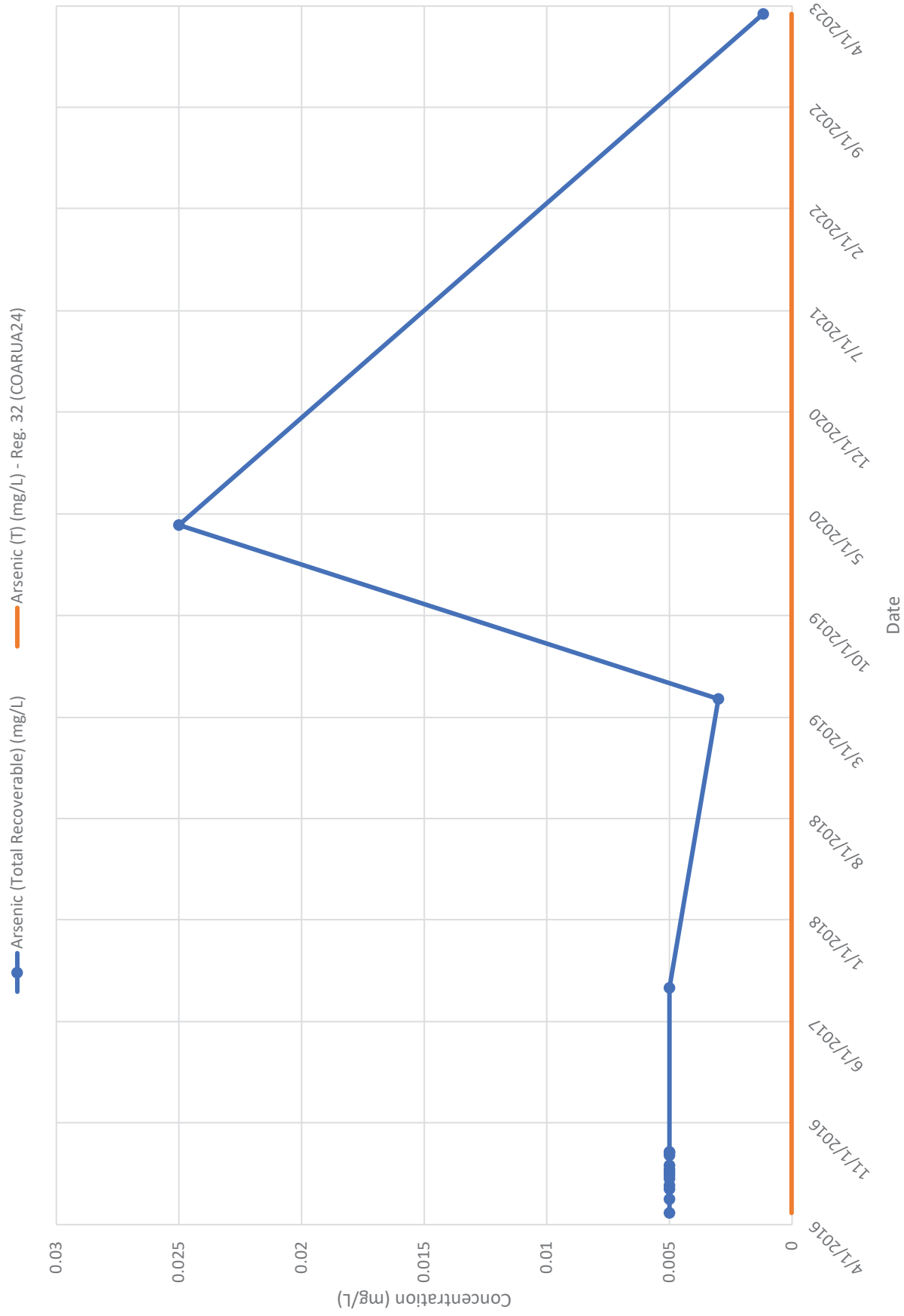


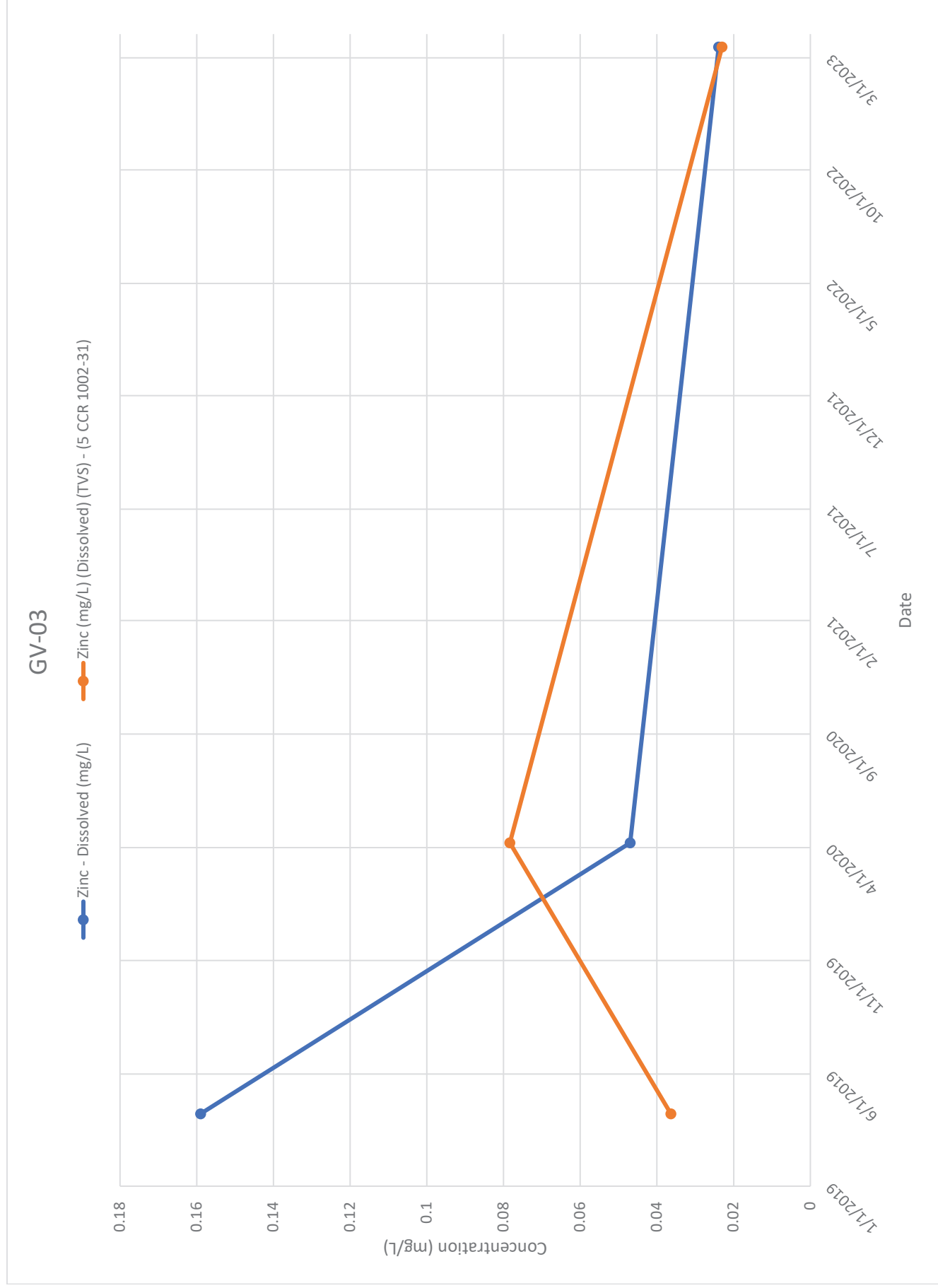


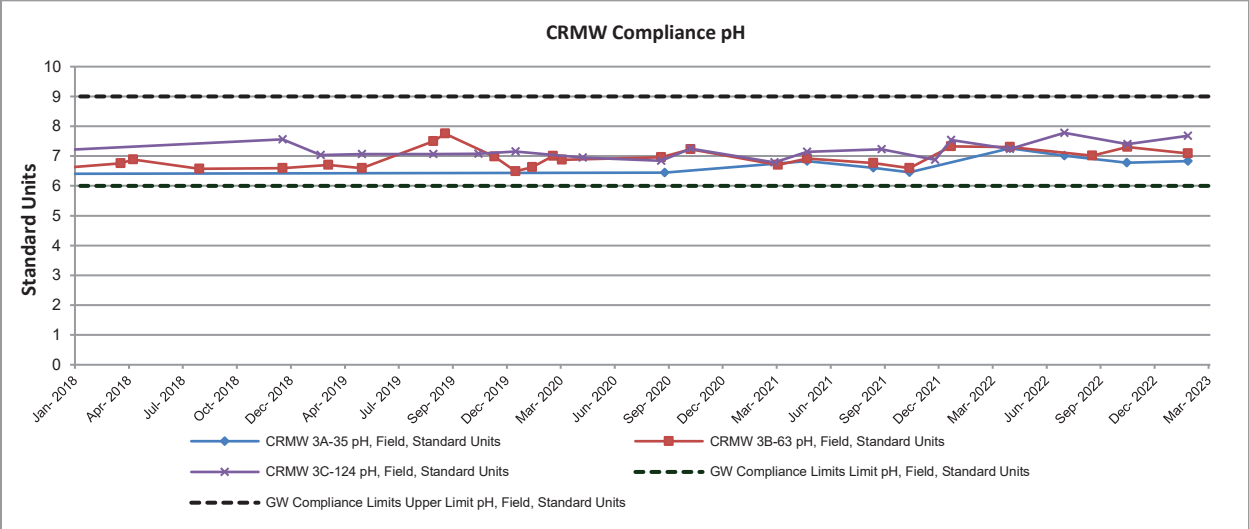
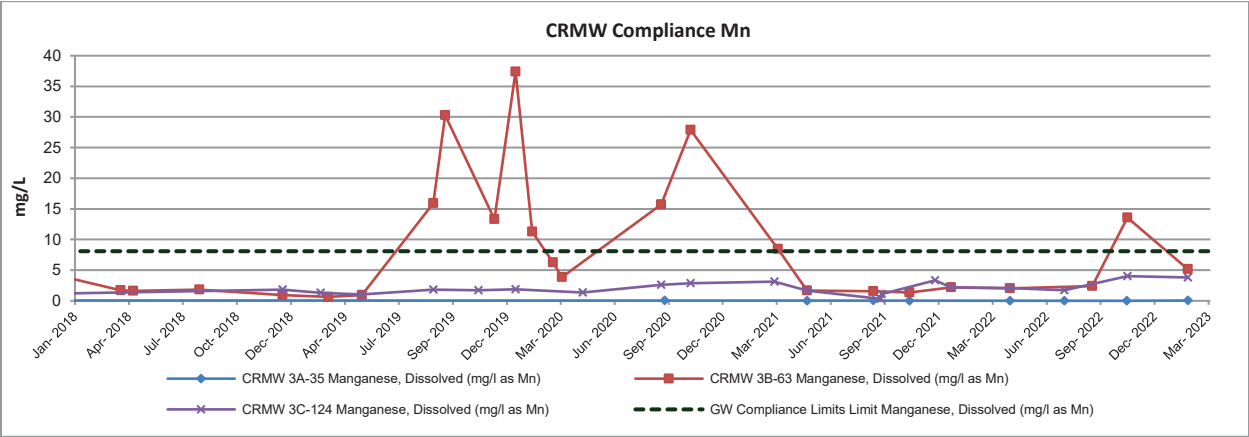
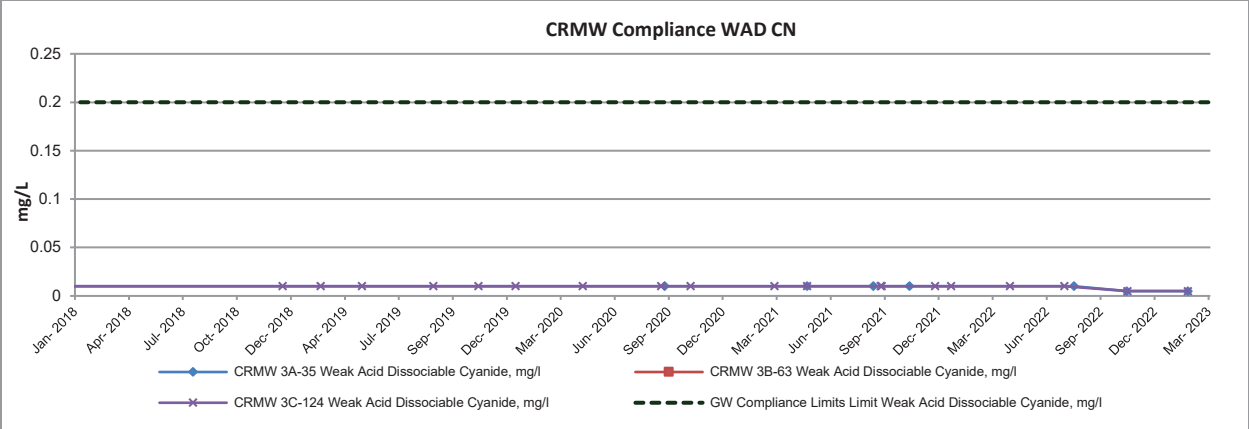
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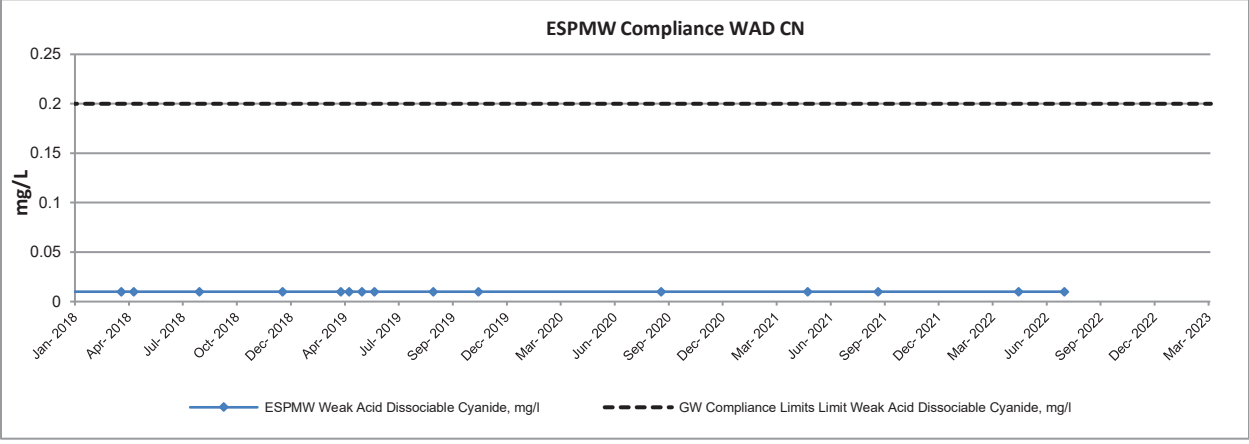
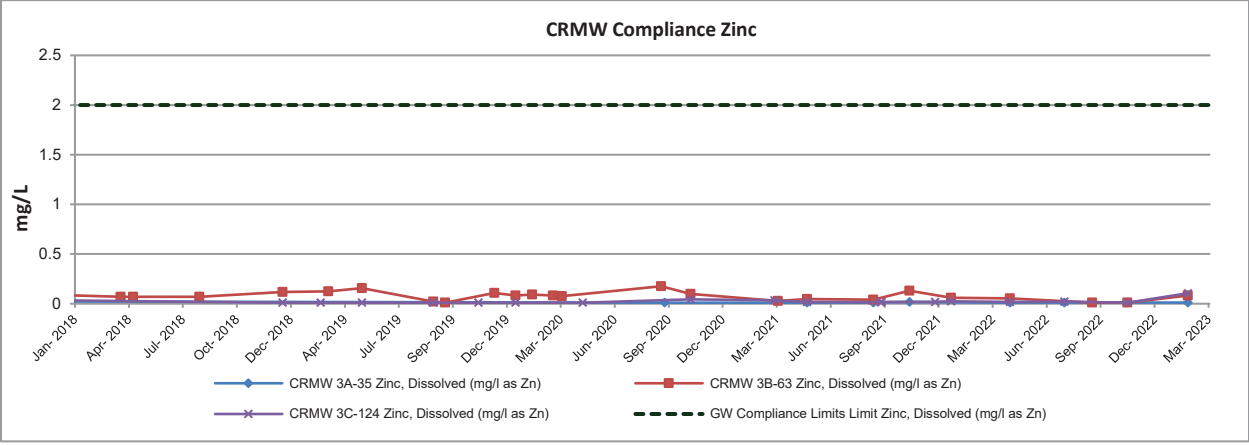
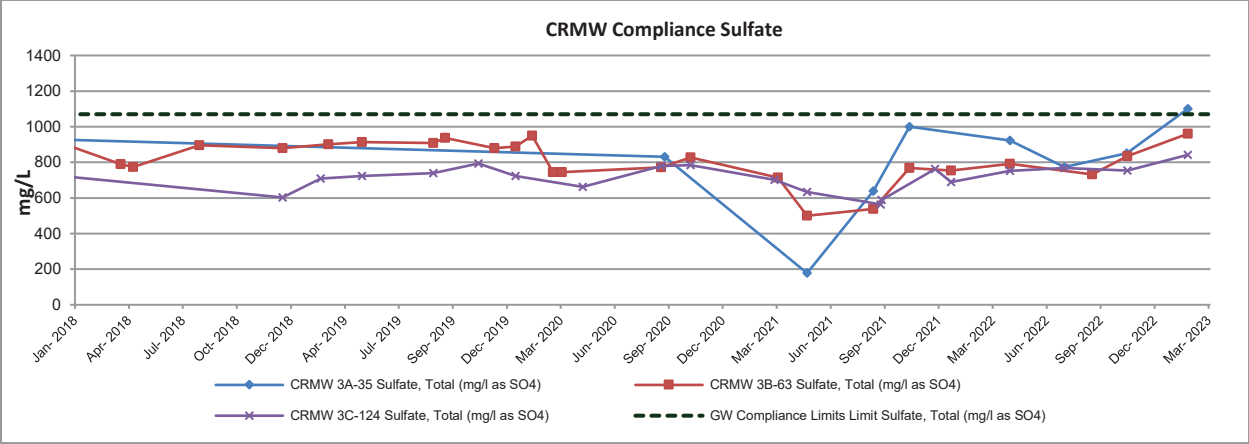


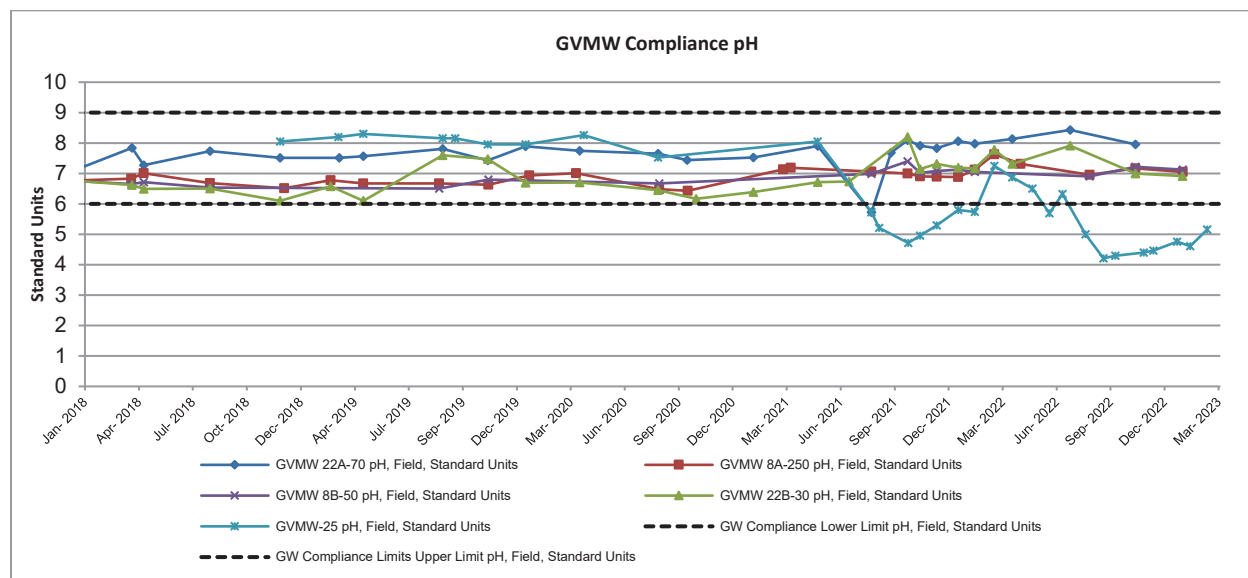
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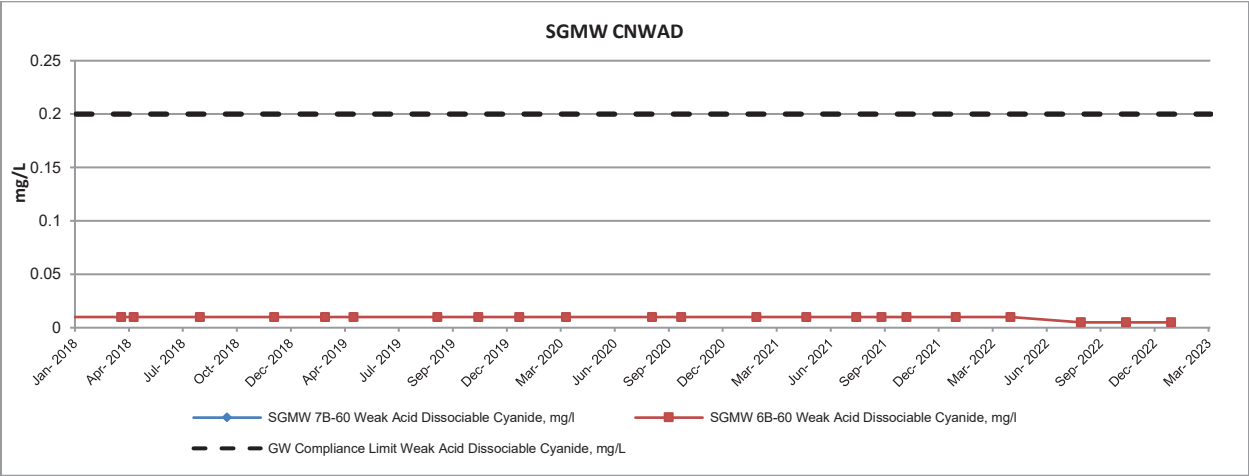
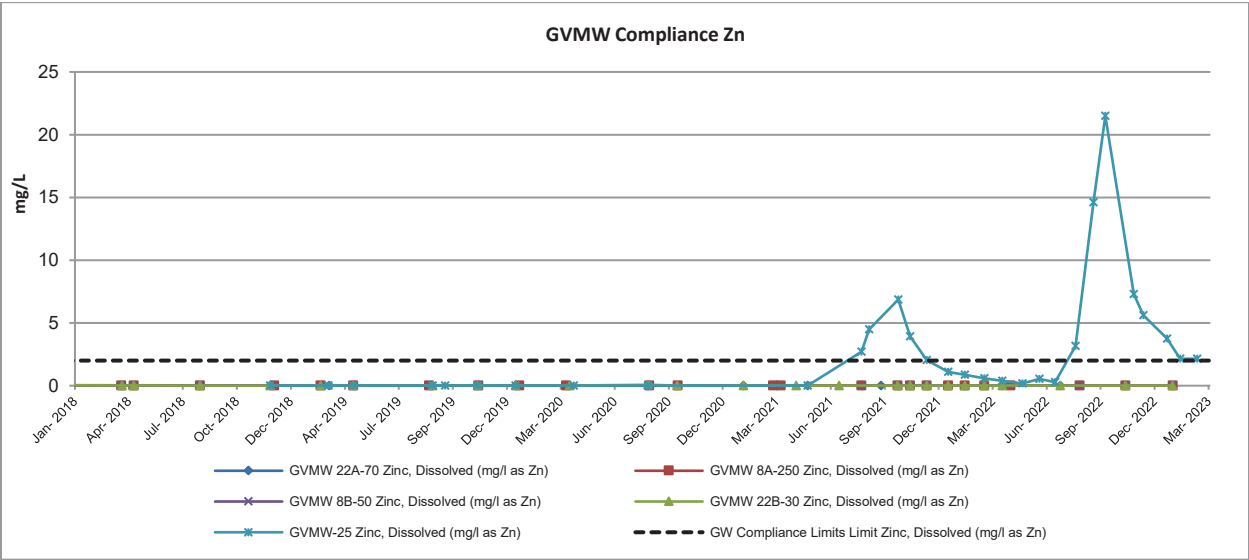
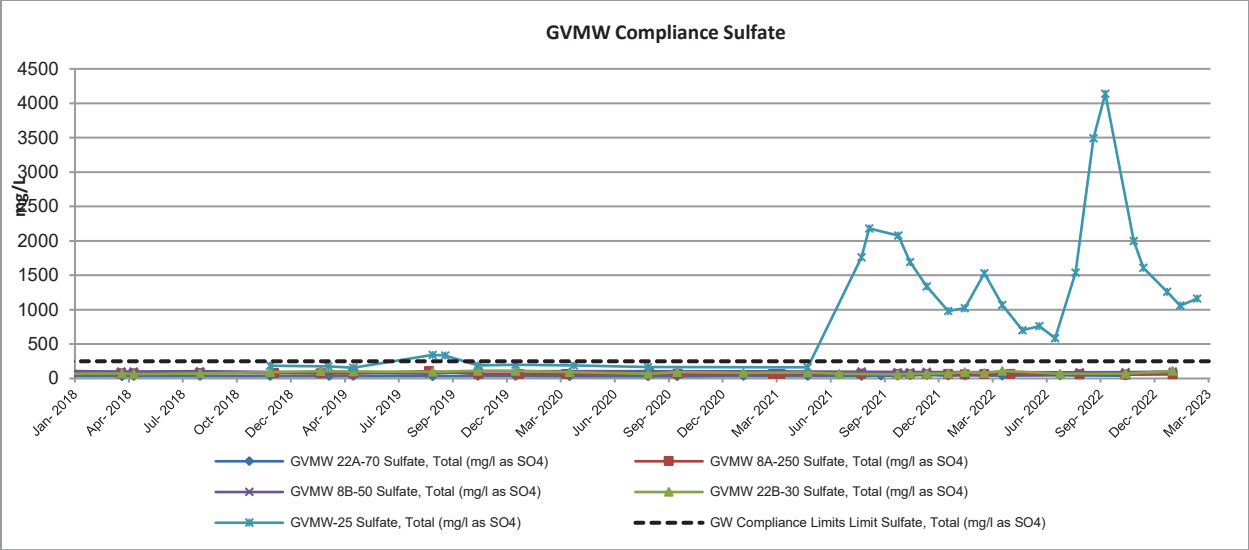


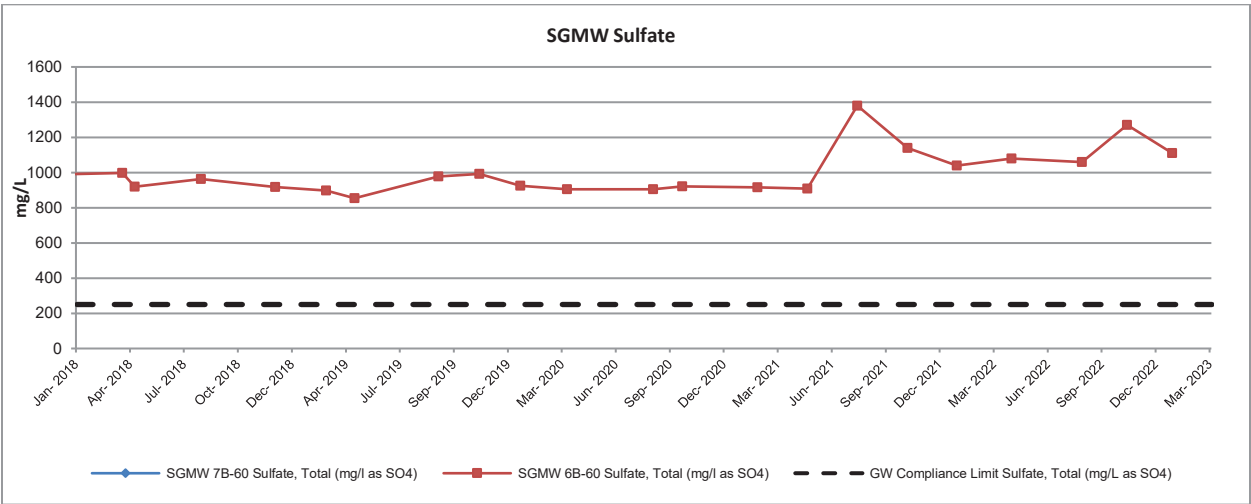
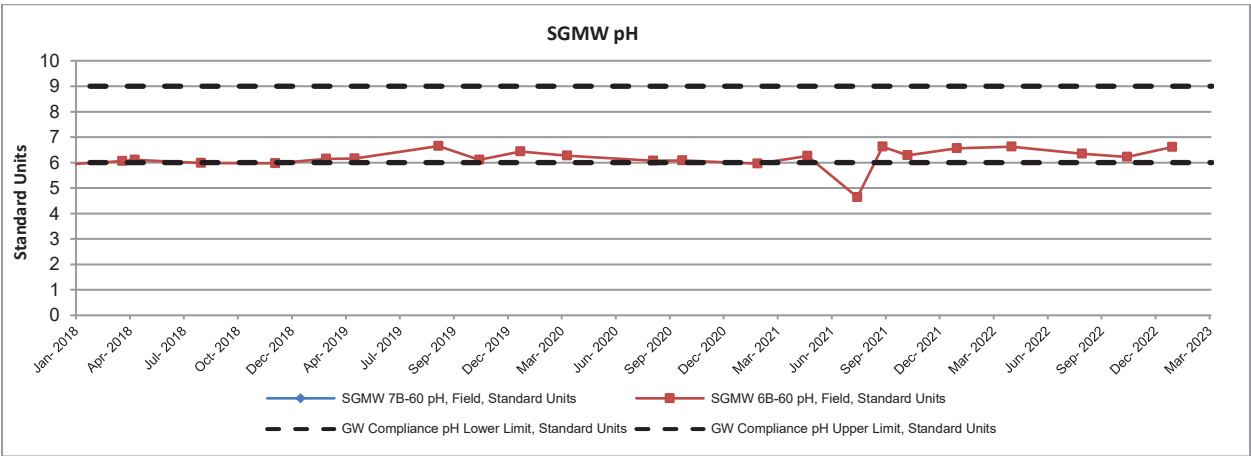
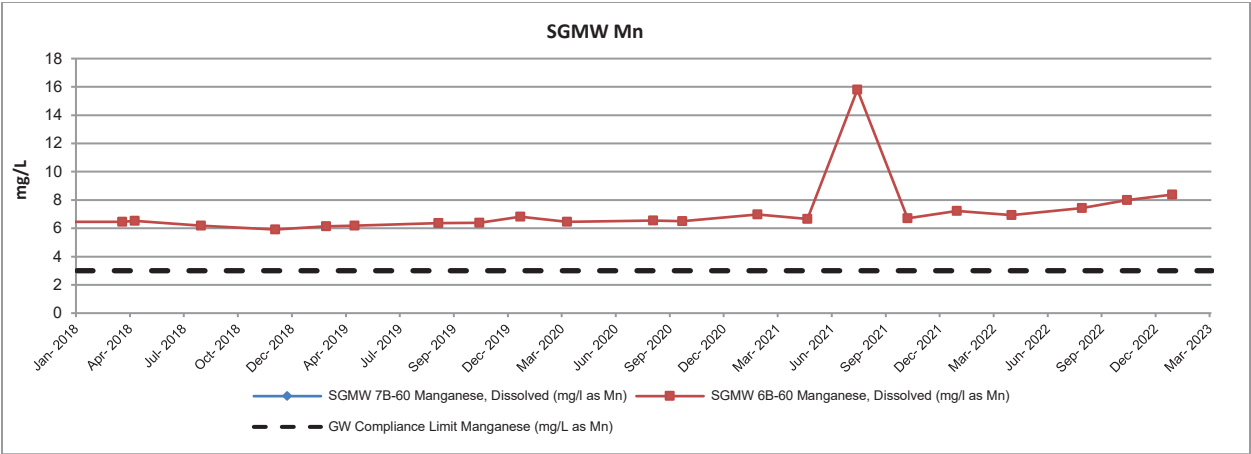


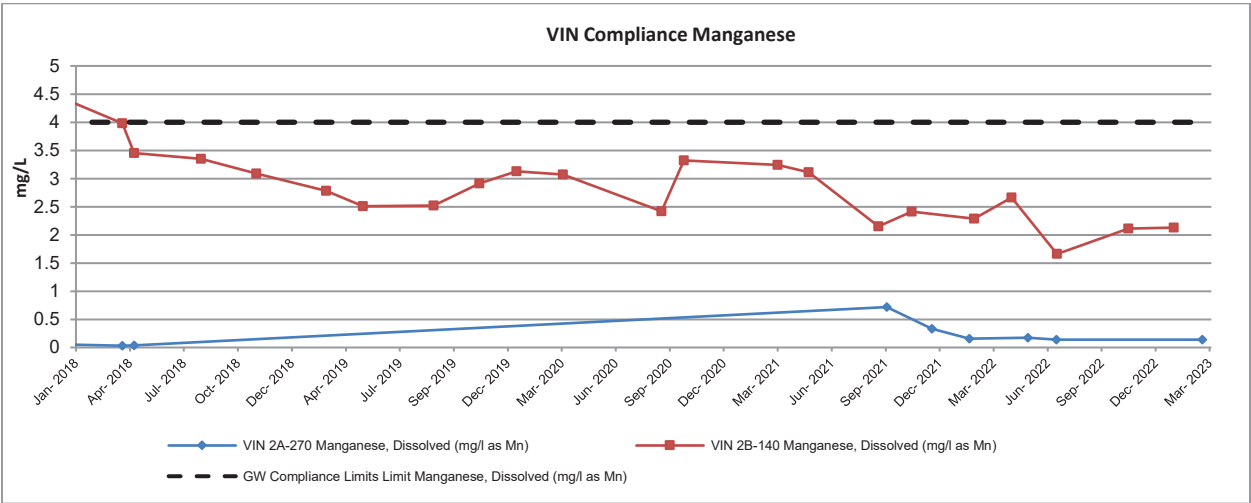
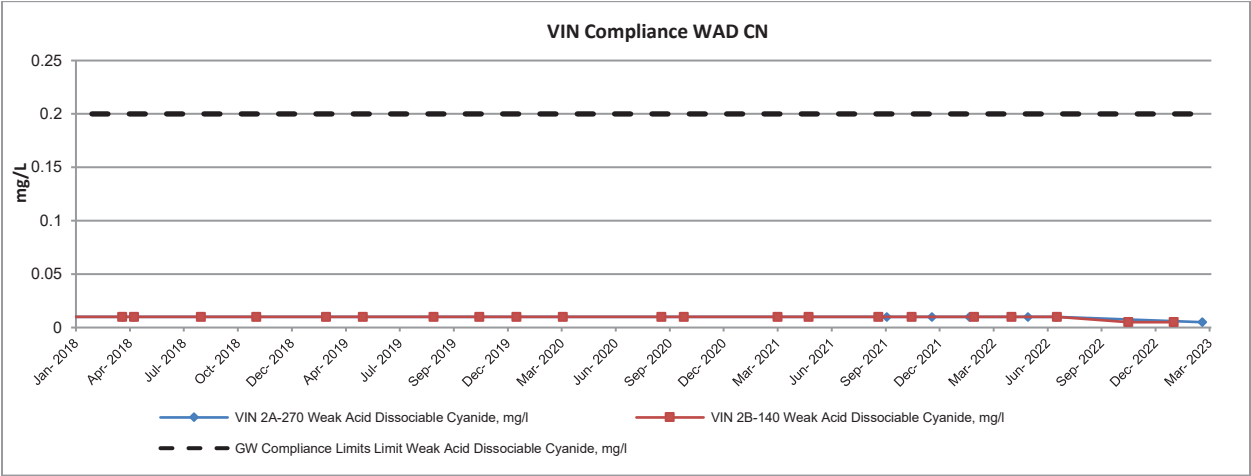
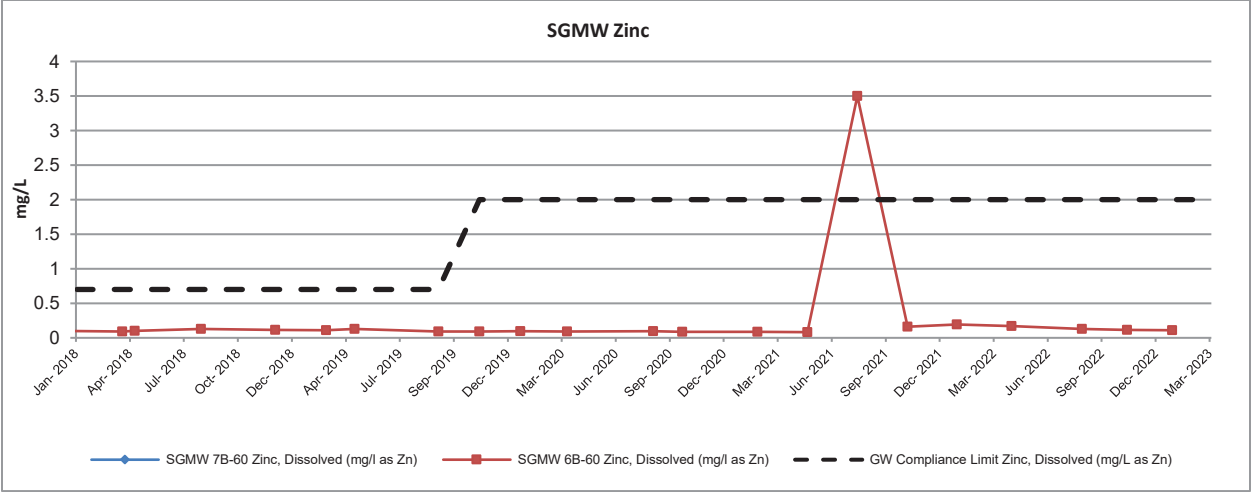


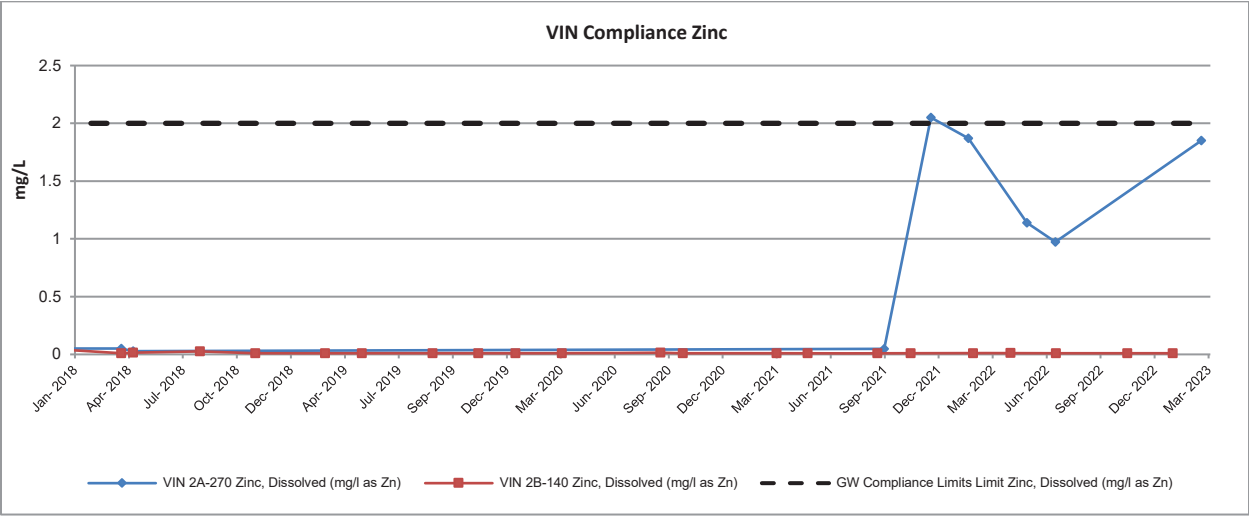
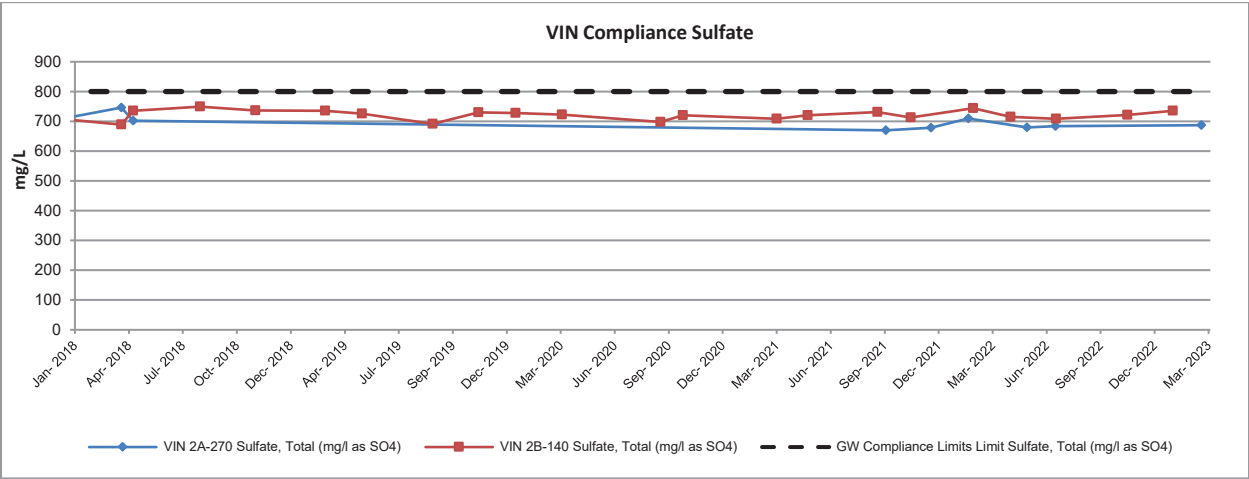
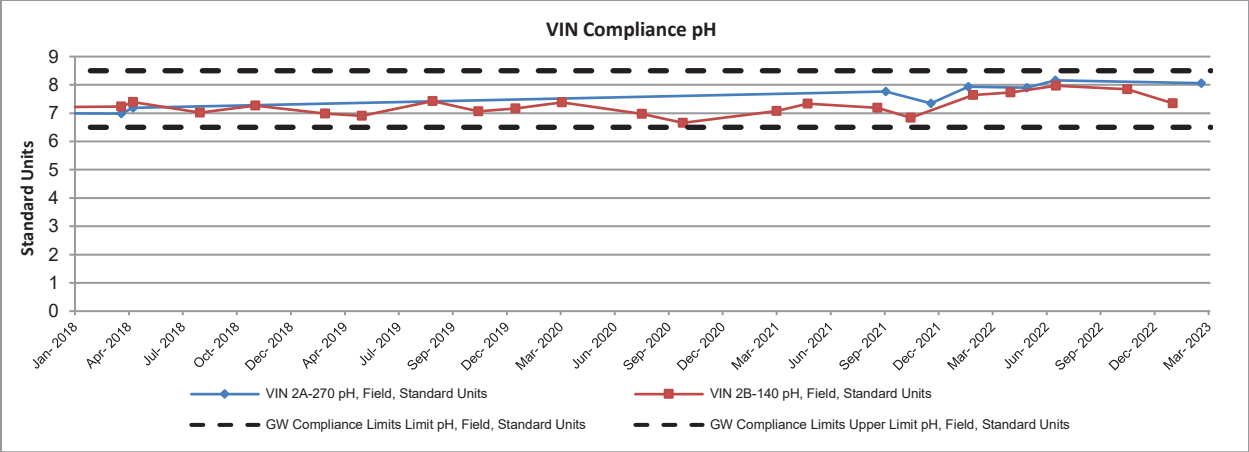


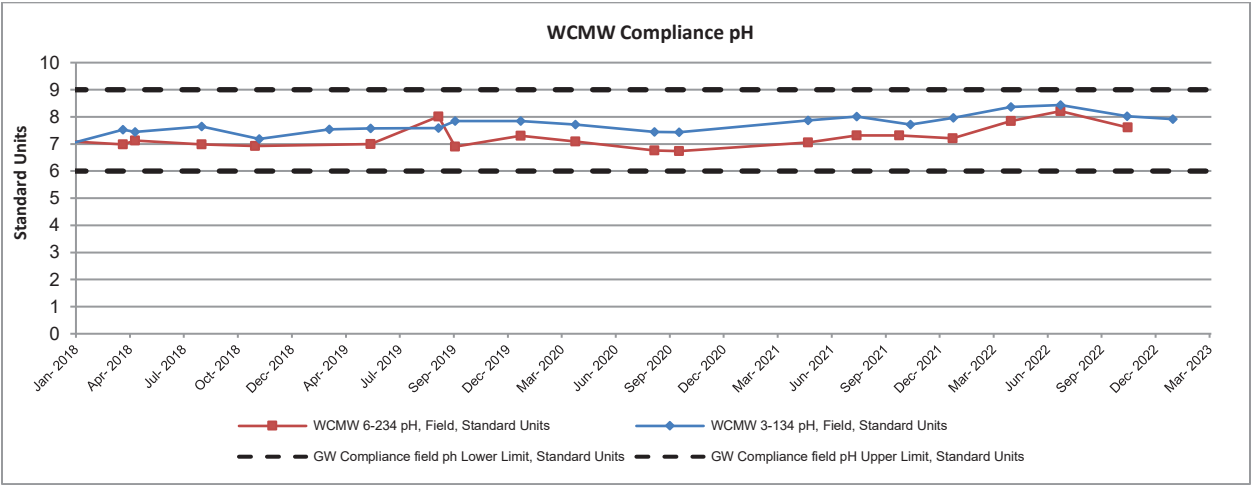
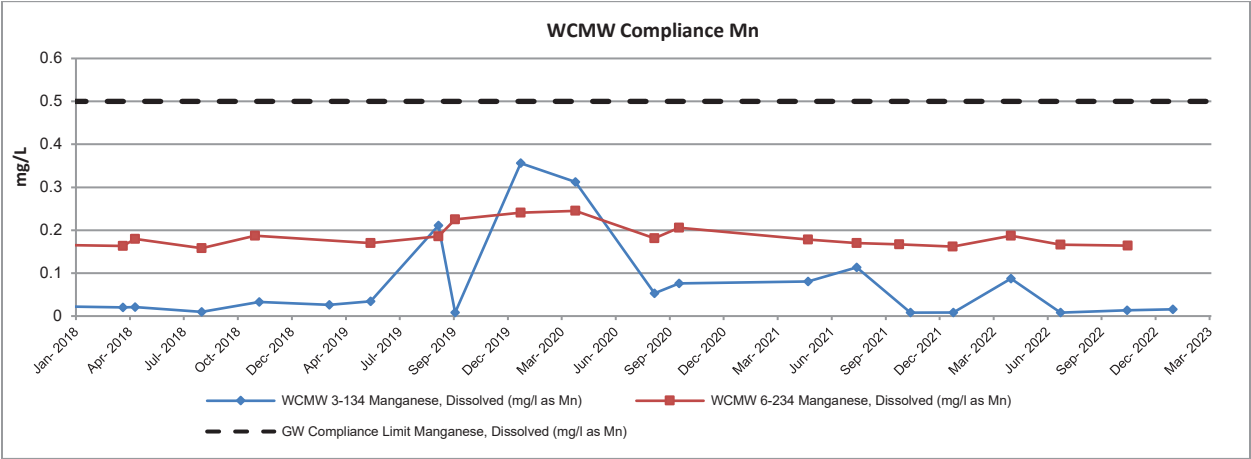
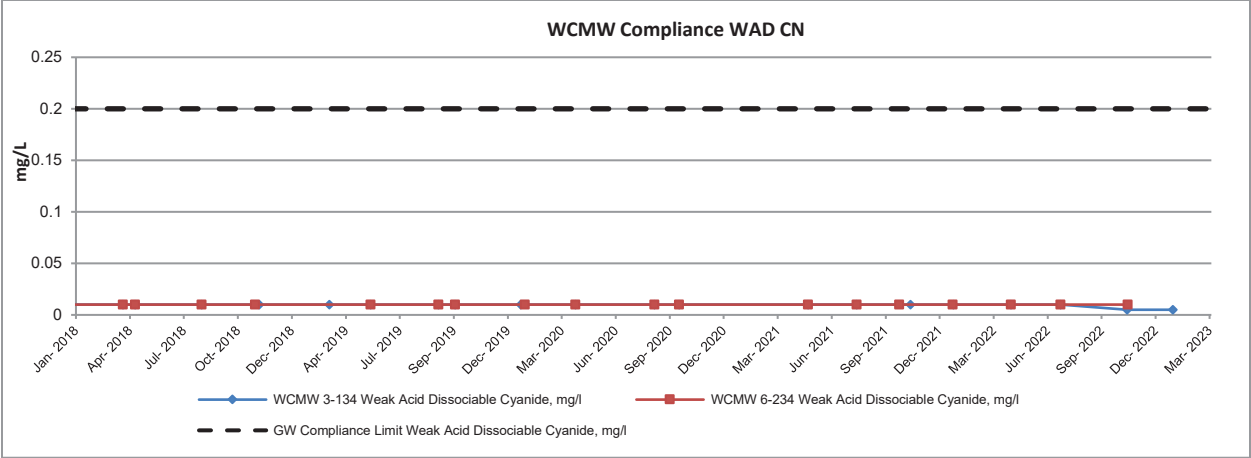


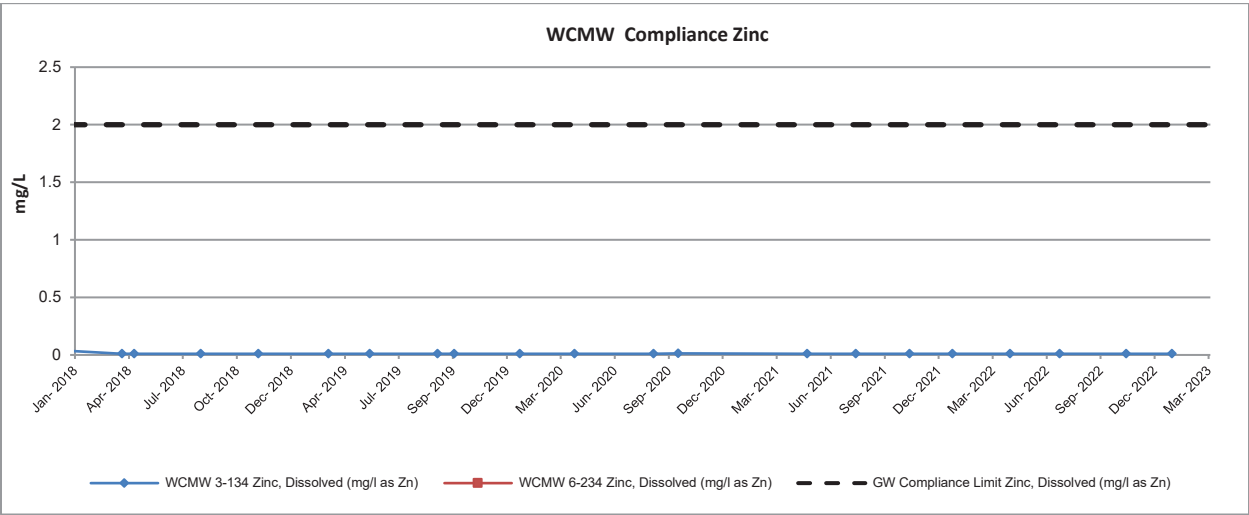
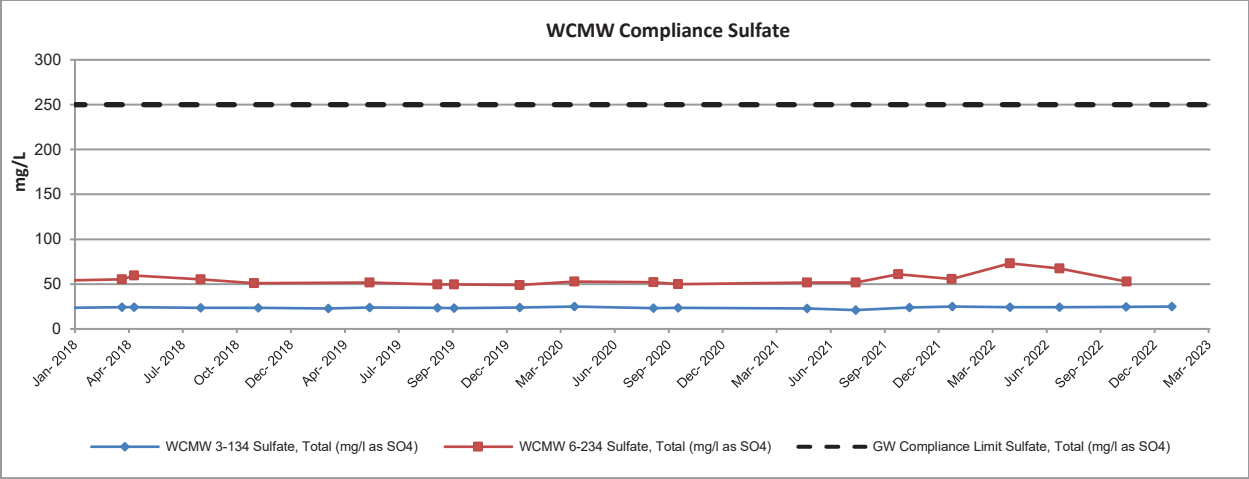














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QA/QC

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: QA/QC**

SAMPLE LOCATION : Rinse Blank **Collar Elv (ft) :** N/A **Reporting Period** 2023 1st Qtr

Results of Profile / Analyses

Description	Standards	1st Qtr		
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X3A0295-04	X3A0311-03	X3A0320-04
Sample Date	-	1/24/2023	1/25/2023	1/26/2023
Lab Test Date	-	2/10/2023	2/10/2023	2/10/2023
Sampled By	-	LB	LB	LB

Aluminium - Dissolved (mg/L)	---	<0.080	<0.080	<0.080
Ammonia (mg/L)	---	0.151	<0.030	<0.030
Antimony - Dissolved (mg/L)	---	<0.00100	<0.00100	<0.00100
Arsenic - Dissolved (mg/L)	---	<0.00100	<0.00100	<0.00100
Barium - Dissolved (mg/L)	---	<0.0020	<0.0020	<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
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)	---	<0.0050	<0.0050	<0.0050
Fluoride - Total F (mg/L)	---	<0.100	<0.100	<0.100
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
Manganese - Dissolved (mg/L)	---	<0.0080	<0.0080	<0.0080
Mercury - Dissolved (mg/L)	---	<0.000200	<0.000200	<0.000200
Molybdenum - Dissolved (mg/L)	---	<0.0080	<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)	---	6.4	6.7	5.6
Selenium - Dissolved (mg/L)	---	<0.00100	<0.00100	<0.00100
Silver - Dissolved (mg/L)	---	<0.0050	<0.0050	<0.0050
Sodium - Dissolved (mg/L)	---	<0.50	<0.50	<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	52
Uranium - Dissolved (mg/L)	---	<0.000100	<0.000100	<0.000100
Vanadium - Dissolved (mg/L)	---	<0.0050	<0.0050	<0.0050
Zinc - Dissolved (mg/L)	---	<0.0100	<0.0100	<0.0100

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: QA/QC****SAMPLE LOCATION :** Rinse Blank**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr	
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X3B0099-01	X3C0119-03
Sample Date	-	2/7/2023	3/8/2023
Lab Test Date	-	3/8/2023	4/12/2023
Sampled By	-	ROD	PB

Aluminium - Dissolved (mg/L)	---	<0.080	<0.080
Ammonia (mg/L)	---	<0.030	<0.030
Antimony - Dissolved (mg/L)	---	<0.00100	<0.00100
Arsenic - Dissolved (mg/L)	---	<0.00100	<0.00100
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
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)	---	<0.0050	<0.0050
Fluoride - Total F (mg/L)	---	<0.100	<0.100
Iron - Dissolved (mg/L)	---	<0.100	<0.100
Lead - Dissolved (mg/L)	---	<0.0075	<0.0075
Lithium - Dissolved (mg/L)	---	<0.040	<0.040
Manganese - Dissolved (mg/L)	---	0.0474	0.0089
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)	---	6.8	6.3
Selenium - Dissolved (mg/L)	---	<0.00100	<0.00100
Silver - Dissolved (mg/L)	---	<0.0050	<0.0050
Sodium - Dissolved (mg/L)	---	<0.50	<0.50
Sulfate - Total (mg/L)	---	7.34	2.24
Thallium - Dissolved (mg/L)	---	<0.00100	<0.00100
Total Dissolved Solids (mg/L)	---	32	18
Uranium - Dissolved (mg/L)	---	0.000303	0.000157
Vanadium - Dissolved (mg/L)	---	<0.0050	<0.0050
Zinc - Dissolved (mg/L)	---	0.0114	<0.0100

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:****SAMPLE LOCATION :** AG-2.0 Duplicate**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0295-02
Sample Date	-	1/24/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	---	<0.080
Ammonia (mg/L)	---	<0.030
Antimony - Dissolved (mg/L)	---	<0.00100
Arsenic - Dissolved (mg/L)	---	<0.00100
Arsenic - Total Recoverable in Water (m	---	<0.00100
Barium - Dissolved (mg/L)	---	0.0220
Beryllium - Dissolved (mg/L)	---	<0.00200
Boron - Total (mg/L)	---	<0.0400
Cadmium - Dissolved (mg/L)	---	<0.000100
Calcium - Dissolved (mg/L)	---	8.52
Chloride - Total (mg/L)	---	3.63
Chromium - Dissolved (mg/L)	---	<0.00100
Copper - Dissolved (mg/L)	---	<0.00040
Cyanide - Free (mg/L)	---	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	---	<0.0050
Fluoride - Total F (mg/L)	---	2.58
Iron - Dissolved (mg/L)	---	<0.100
Lead - Dissolved (mg/L)	---	<0.00020
Manganese - Dissolved (mg/L)	---	<0.0080
Mercury - Dissolved (mg/L)	---	<0.000200
Molybdenum - Dissolved (mg/L)	---	<0.0080
Nickel - Dissolved (mg/L)	---	<0.0100
Nitrate as Nitrogen (mg/L)	---	0.152
Nitrite + Nitrate as Nitrogen (mg/L)	---	0.152
Nitrite as Nitrogen (mg/L)	---	<0.050
pH Field (pH unit)	---	7.81
Selenium - Dissolved (mg/L)	---	<0.00100
Silver - Dissolved (mg/L)	---	<0.00008
Sodium - Dissolved (mg/L)	---	4.81
Sulfate - Total (mg/L)	---	7.74
Thallium - Dissolved (mg/L)	---	<0.00100
Total Dissolved Solids (mg/L)	---	49
Total Suspended Solids (mg/L)	---	6.0
Uranium - Dissolved (mg/L)	---	0.000103
Zinc - Dissolved (mg/L)	---	<0.0100

Newmont USA Limited**DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:****SAMPLE LOCATION :** CRMW-5C_Duplicate**Collar Elv (ft) :** N/A**Reporting Period** 2023 1st Qtr**Results of Profile / Analyses**

Description	Standards	1st Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3A0299-02
Sample Date	-	1/24/2023
Lab Test Date	-	2/10/2023
Sampled By	-	LB

Aluminium - Dissolved (mg/L)	---	0.145
Ammonia (mg/L)	---	0.306
Antimony - Dissolved (mg/L)	---	<0.00100
Arsenic - Dissolved (mg/L)	---	<0.00100
Barium - Dissolved (mg/L)	---	0.0064
Beryllium - Dissolved (mg/L)	---	<0.00200
Boron - Dissolved (mg/L)	---	<0.0400
Cadmium - Dissolved (mg/L)	---	<0.0020
Chloride - Total (mg/L)	---	6.62
Chromium - Dissolved (mg/L)	---	<0.0060
Cobalt - Dissolved (mg/L)	---	<0.0060
Copper - Dissolved (mg/L)	---	<0.0100
Cyanide - Free (mg/L)	---	<0.0050
Cyanide - Total (mg/L)	---	<0.0050
Cyanide - WAD (mg/L)	---	<0.0050
Fluoride - Total F (mg/L)	---	3.19
Iron - Dissolved (mg/L)	---	<0.100
Lead - Dissolved (mg/L)	---	<0.0075
Lithium - Dissolved (mg/L)	---	<0.040
Manganese - Dissolved (mg/L)	---	<0.0080
Mercury - Dissolved (mg/L)	---	<0.000200
Molybdenum - Dissolved (mg/L)	---	<0.0080
Nickel - Dissolved (mg/L)	---	<0.0100
Nitrate as Nitrogen (mg/L)	---	0.091
Nitrite + Nitrate as Nitrogen (mg/L)	---	<0.100
Nitrite as Nitrogen (mg/L)	---	<0.050
pH Field (pH unit)	---	6.89
Selenium - Dissolved (mg/L)	---	<0.00100
Silver - Dissolved (mg/L)	---	<0.0050
Sodium - Dissolved (mg/L)	---	7.64
Sulfate - Total (mg/L)	---	27.8
Thallium - Dissolved (mg/L)	---	<0.00100
Total Dissolved Solids (mg/L)	---	126
Uranium - Dissolved (mg/L)	---	0.000374
Vanadium - Dissolved (mg/L)	---	<0.0050
Zinc - Dissolved (mg/L)	---	<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, 2023 CC&V submitted duplicate samples for monitoring well CRMW-5C, collected on 1/24/2023 and surface water monitoring location AG-2.0, collected on 1/24/2023. 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

Analyte	CRMW 5C-60	CRMW-5C Duplicate	CRMW-5C Relative Percent Difference (RPD, %)
Aluminium - Dissolved (mg/L)	0.186	0.145	24.77
Ammonia (mg/L)	0.234	0.306	26.67
Barium - Dissolved (mg/L)	0.006	0.0064	6.45
Calcium - Dissolved (mg/L)	20.2	20.2	0.00
Chloride - Total (mg/L)	6.58	6.62	0.61
Fluoride - Total F (mg/L)	3.19	3.19	0.00
Nitrate as Nitrogen (mg/L)	0.092	0.091	1.09
Sodium - Dissolved (mg/L)	7.6	7.64	0.52
Sulfate - Total (mg/L)	27.8	27.8	0.00
Total Dissolved Solids (mg/L)	129	126	2.35
Uranium - Dissolved (mg/L)	0.000378	0.000374	1.06

Analyte	AG 2.0	AG-2.0 Duplicate	AG-2.0 Relative Percent Difference (RPD, %)
Barium - Dissolved (mg/L)	0.0219	0.022	0.46
Chloride - Total (mg/L)	3.66	3.63	0.82
Fluoride - Total F (mg/L)	2.56	2.58	0.78
Calcium - Dissolved (mg/L)	8.63	8.52	1.28
Copper - Dissolved (mg/L)	0.00043	0.0004	7.23
Nitrate as Nitrogen (mg/L)	0.136	0.152	11.11
Sodium - Dissolved (mg/L)	4.89	4.81	1.65
Sulfate - Total (mg/L)	7.87	7.74	1.67
Total Dissolved Solids (mg/L)	49	49	0.00
Uranium - Dissolved (mg/L)	0.000104	0.000103	0.97