

100 North 3rd Street P.O. Box 191 Victor, Colorado 80860

P 719.689.2977 F 719.689.3254

SENT VIA ELECTRONIC MAIL

October 31, 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

Cresson Project Permit M-1980-244: RE:

> **Ground Water Monitoring Data: 3rd Quarter 2023** Surface Water Monitoring Data: 3rd 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 3rd quarter, (July through September) 2023.

In the 3rd quarter (Q3), CC&V monitored all required groundwater wells and collected all possible groundwater samples as outlined in Permit No. M-1980-244. CC&V also collected the first samples from the newly installed compliance wells GVMW-26A and GVMW-26B completed on 8/8/23.

During Q3 CC&V was unable to collect water samples from the following monitoring wells:

- Aregua Gulch monitor well CRMW-5A due to insufficient water;
- Aregua Gulch monitoring well CRMW-3B due to issues with the dedicated pump;
 - CC&V is currently waiting on a replacement pump which is scheduled to be delivered and installed in November 2023.
- Poverty Gulch monitoring wells PGMW-2 and PGMW-4 were dry
- Maize Gulch monitoring wells SGMW-5, SGMW-6A, SGMW-7A, and SGMW-7B were dry;
- Grassy Valley well GVMW-8A due to issues with the dedicated pump.
 - Issues with the dedicated pump have recently been resolved and CC&V will ensure that a sample will be collected from this well in Q4.

In Q3, CC&V monitored all accessible and applicable surface water locations as specified in Permit No. M-1980-244. No surface water samples were collected from GV-03, T2, and WCSW-01 as they were reported dry.

CC&V Collected twelve quality assurance/quality control (QA/QC) samples in Q3, 2023 as shown in the QA/QC section. Five duplicate samples were collected in Q3, one duplicate sample from monitoring well CRMW-5C was collected on 7/11/23, a second duplicate sample was collected from surface monitoring location AG-2.0 on 8/2/23, and three duplicates were collected from monitoring well



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GVMW-25 on 7/10/23, 8/8/23, and 9/12/23. Six 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 7/5/23, 7/10/23, 7/12/23, 8/8/23, and 9/12/23. Relative percent difference (RPD) calculations completed for the duplicate monitoring well samples are included within the QA/QC section. The majority of the RPD calculations were less than 20% with only a few outliers that pertain to constituents of very low concentrations. One trip blank sample was also collected on 7/12/23.

Q3 exceedances recorded in the Grassy Valley drainage were from monitoring wells GVMW-8B, GVMW-22A, and GVMW-25 and from surface water monitoring location GV-02. Monitoring well GVMW-8B and GVMW-22A exceeded applicable standards for fluoride and monitoring well GVMW-25 exceeded applicable standards for aluminum, antimony, arsenic, beryllium, cadmium, cobalt, copper, fluoride, manganese, nickel, pH, selenium, sulfate, thallium, uranium, and zinc. GVMW-25 exceedances were reported to the Division in the monthly grassy valley report updates. Surface water monitoring location GV-02 exceeded applicable standards for cadmium, iron, manganese, nickel, pH, sulfate, and zinc. The exceedances at GVMW-8B and GVMW-22A are consistent with previously reported concentrations. Increased concentrations at GVMW-25 have been observed historically in August and September and is likely attributed to increased precipitation from monsoon season. This is a similar trend to what was observed in the Fall of 2022 following increased precipitation during monsoon season. There have been no exceedances observed at the new point of compliance wells GVMW-26A or GVMW-26B during the third quarter.

Q3 exceedances recorded in the Arequa Gulch drainage were from monitoring wells CRMW-3A, CRMW-3C, CRMW-5B, CRMW-5C, and CRMW-5D. Monitoring wells CRMW-5B, CRMW-5C, and CRMW-5D exceeded for fluoride, monitoring wells CRMW-3A and CRMW-3C exceeded for fluoride and sulfate. All exceedances recorded within the Arequa Gulch drainage for fluoride and sulfate are consistent with previously reported concentrations.

Within the Maize Gulch drainage, samples collected from monitoring well SGMW-6B exceeded concentrations of beryllium, fluoride, iron, manganese, and sulfate. Data from this monitoring period is consistent with previously recorded concentrations.

Exceedances recorded in the Poverty Gulch drainage were from monitoring wells PGMW-3 and PGMW-5. Monitoring well PGMW-3 exceeded concentrations of aluminum, cadmium, copper, manganese, pH, and sulfate. Third quarter PGMW-3 concentrations are consistent with historical data, and attributable to historic mine waste and tailings material. Monitoring well PGMW-5 exhibited elevated aluminum, arsenic, beryllium, cadmium, copper, cobalt, fluoride, manganese, nickel, sulfate, pH, uranium, and zinc. PGMW-5 is a new well and the long term water quality trend is still being established.

Elevated sulfate concentrations were observed within the Vindicator Valley drainage for samples collected from monitoring well VIN-2A. Third quarter 2023 Vindicator Valley concentrations for VIN-2A are generally consistent with previously reported concentrations.

Monitoring well WCMW-6 (Wilson Creek drainage) exceeded applicable standards for fluoride. No new

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or anomalous concentrations are reported for this drainage.

As reported on August 1, 2023, CC&V collected third quarter compliance groundwater compliance samples from: CRMW-3A and CRMW-3C on July 5, 2023; CRMW-5B, CRMW-5C, and CRMW-5D on July 11, 2023; and from WCMW-6 on July, 12, 2023. Upon review of received analytical reports, CC&V determined monitoring wells CRMW-3A and CRMW-3C exceeded the established Numeric Protection Level for fluoride and the Table Value Standard for sulfate. Monitoring wells CRMW-5B, CRMW-5C, CRMW-5D, and WCMW-6 exceeded the established Numeric Protection Level 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)
CRMW-3A	7/5/2023	Fluoride	3.33	2	
CRMW-3A	7/5/2023	Sulfate	604		250
CRMW-3C	7/5/2023	Fluoride	2.53	2	
CRMW-3C	7/5/2023	Sulfate	581		250
CRMW-5B	7/11/2023	Fluoride	2.82	2	
CRMW-5C	7/11/2023	Fluoride	2.83	2	
CRMW-5D	7/11/2023	Fluoride	3.04	2	
WCMW-6	7/12/2023	Fluoride	2.06	2	

As reported on August 10, 2023, CC&V collected third quarter groundwater compliance samples from monitoring well PGMW-3, PGMW-5, and SGMW-8 on July 18, 2023. Upon review of received analytical reports, CC&V determined monitoring well PGMW-3 exceeded the established Numeric Protection Level for aluminum, cadmium, copper, manganese, pH and the Table Value Standard for sulfate. Monitoring well PGMW-5 exceeded the established Numeric Protection Levels for aluminum, arsenic, cadmium, copper, fluoride, manganese, nickel, pH, zinc and the Table Value Standards for beryllium, cobalt, sulfate, and uranium. Monitoring well SGMW-8 exceeded 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)
PGMW-3	7/18/2023	Aluminum	13.5	7	
PGMW-3	7/18/2023	Cadmium	0.009	0.005	
PGMW-3	7/18/2023	Copper	0.257	0.2	
PGMW-3	7/18/2023	Manganese	7.08	3	
PGMW-3	7/18/2023	Sulfate	644		250
PGMW-3	7/18/2023	рН	4.09	6.0 - 8.5	
PGMW-5	7/18/2023	Aluminum	107	7	
PGMW-5	7/18/2023	Arsenic	0.0129	0.01	

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PGMW-5	7/18/2023	Beryllium	Beryllium 0.0127		0.004
PGMW-5	7/18/2023	Cadmium	0.058	0.005	
PGMW-5	7/18/2023	Cobalt	0.298		0.05
PGMW-5	7/18/2023	Copper	1.95	0.2	
PGMW-5	7/18/2023	Fluoride	11.4	2	
PGMW-5	7/18/2023	Manganese	61.2	61.2	
PGMW-5	7/18/2023	Nickel	kel 0.488 0.2		
PGMW-5	7/18/2023	рН	3.65	3.65 6.0 - 8.5	
PGMW-5	7/18/2023	Sulfate	1450	250	
PGMW-5	7/18/2023	Uranium	0.0502		0.03
PGMW-5	7/18/2023	Zinc	8.14	2	
SGMW-8	7/18/2023	Sulfate	723		250

As reported on August 17, 2023, CC&V collected third quarter groundwater compliance samples from monitoring well GVMW-8B and GVMW-22A on July 25, 2023. Upon review of received analytical reports, CC&V determined monitoring wells GVMW-8B and GVMW-22A exceeded the Regulation 41 Table Value Standard for fluoride. Table 3 below lists these exceedances by the location and the associated parameter.

Table 3.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Value Standard (mg/L)
GVMW-8B	7/25/2023	Fluoride	2.15	2	2
GVMW-22A	7/25/2023	Fluoride	2.06	2	2

As reported on September 7, 2023, CC&V collected third quarter groundwater compliance samples from monitoring well SGMW-6B, VIN-2A, and a surface water compliance sample from GV-02 on August 2, 2023. Upon review of received analytical reports, CC&V determined monitoring well SGMW-6B exceeded the established Numeric Protection Level for fluoride, iron and manganese and the Table Value Standard for sulfate and beryllium. Monitoring well VIN-2A exceeded the established Table Value Standards for sulfate. Surface water location GV-02 exceeded the site specific (COARUA24) acute standard for pH, cadmium (dissolved), manganese (dissolved), and zinc (dissolved) and the chronic standard for sulfate, cadmium (dissolved), iron (dissolved), manganese (dissolved), nickel (dissolved), and zinc (dissolved) in Colorado Regulation Number 32 - Classification and Numeric Standards for Arkansas River Basin, Table 24 (COARUA24). Table 4 below lists these exceedances by the location and the associated parameter.

Table 4

Groundwater							
Location Sample Date Parameter Value (mg/L) NPL (mg/L) Standard (mg/L)							
SGMW-6B	8/2/2023	Fluoride	7.96	2			
SGMW-6B	8/2/2023	Sulfate	1430		250		



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SGMW-6B	8/2/2023	Beryllium	0.0815		0.004
SGMW-6B	8/2/2023	Iron	16.1	14	
SGMW-6B	8/2/2023	Manganese	10.2	3	
VIN-2A	8/2/2023	Sulfate	695		250

	Surface Water							
Location	Sample Date	Parameter	Value (mg/L)	Acute (mg/L)	Chronic (mg/L)			
GV-02	8/2/2023	рН	4.24	6.5 - 9.0				
GV-02	8/2/2023	Sulfate	1140		250			
GV-02	8/2/2023	Cadmium - Dissolved	0.0221	0.01549	0.00406			
GV-02	8/2/2023	Iron - Dissolved	0.603		0.3			
GV-02	8/2/2023	Manganese - Dissolved	35.4	6.45	3.56			
GV-02	8/2/2023	Nickel - Dissolved	0.577	3.31	0.368			
GV-02	8/2/2023	Zinc - Dissolved	8.09	1.31	0.99			

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

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M. Cunningham

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A. Matarrese

File: "C:\Users\19012214\Newmont USA Limited\CC&V - S&ER Environmental - Environmental Compliance\Water\DRMS\Quarterly\Q3\Final Report"



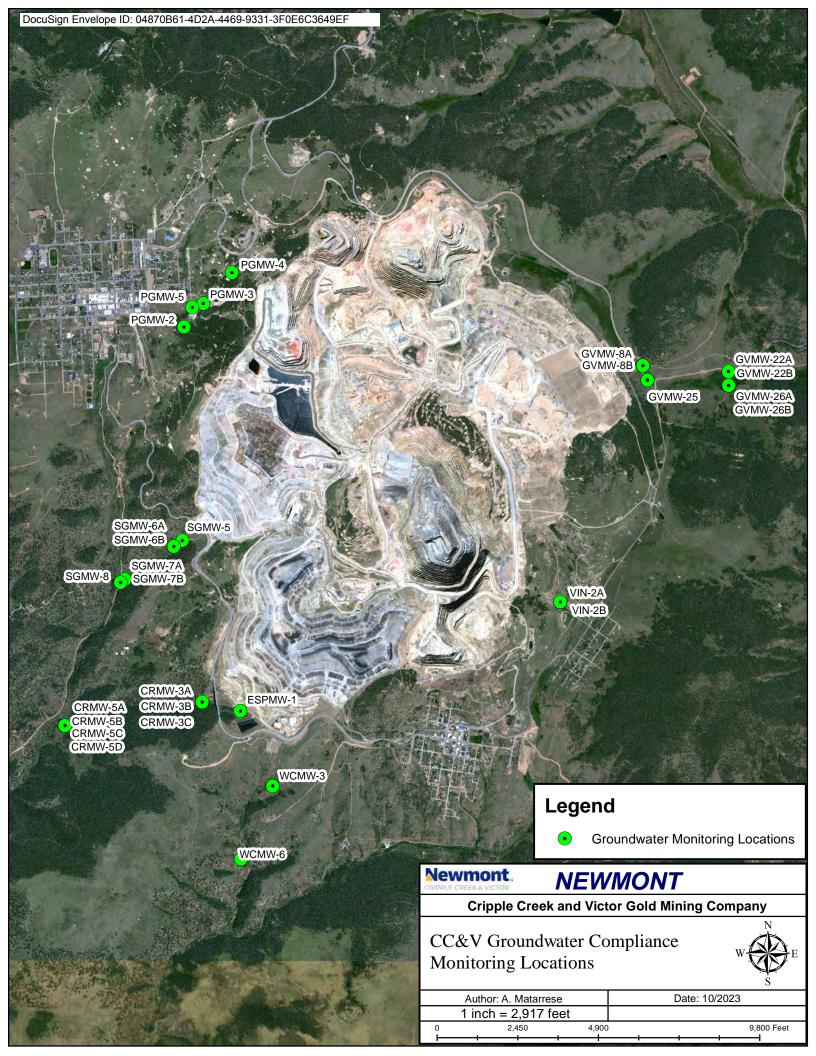
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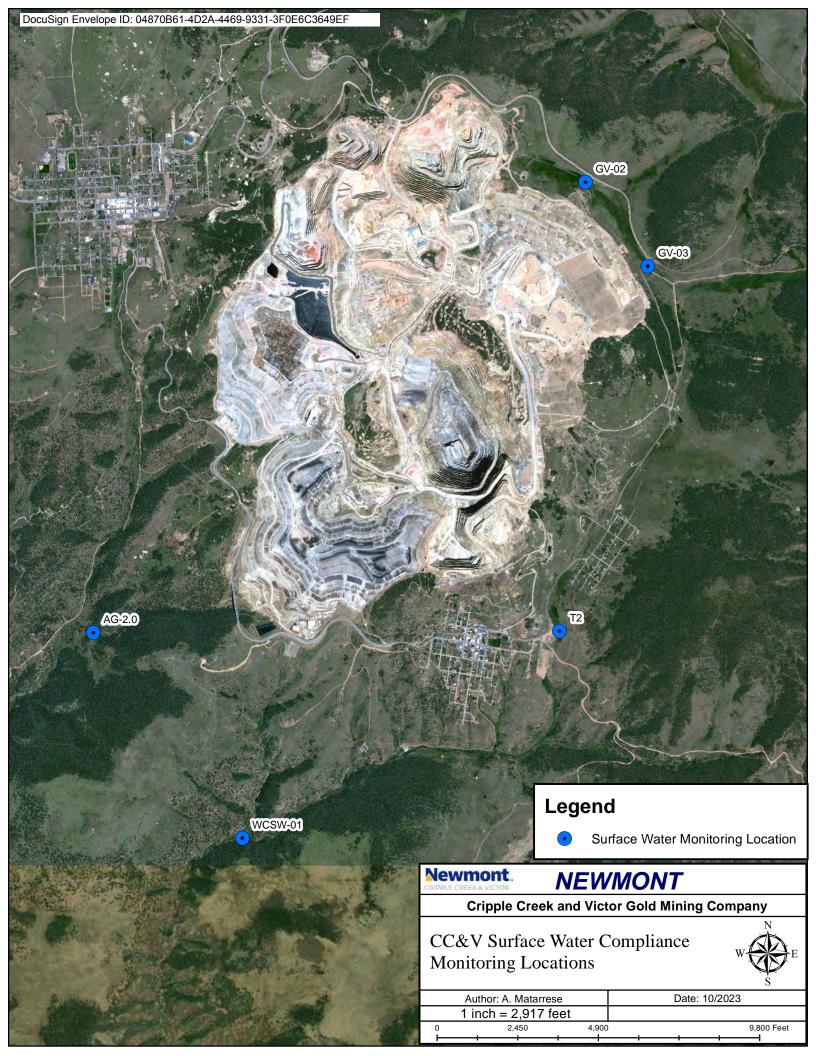
Appendix A

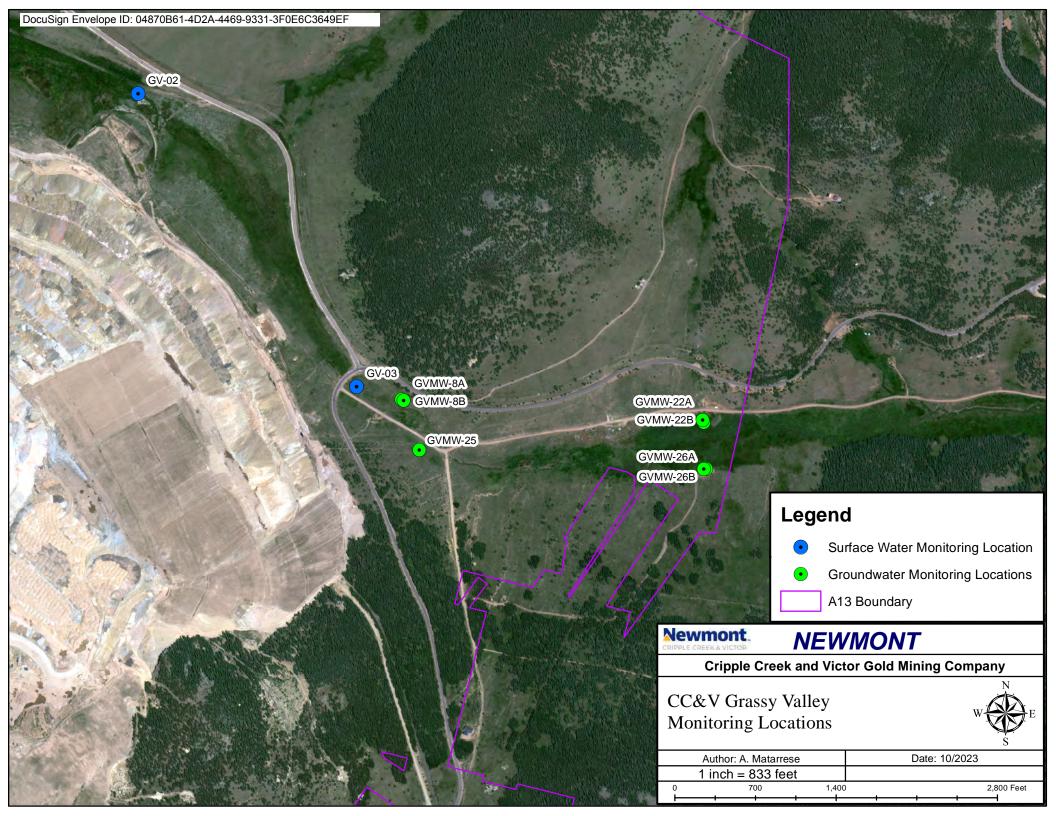


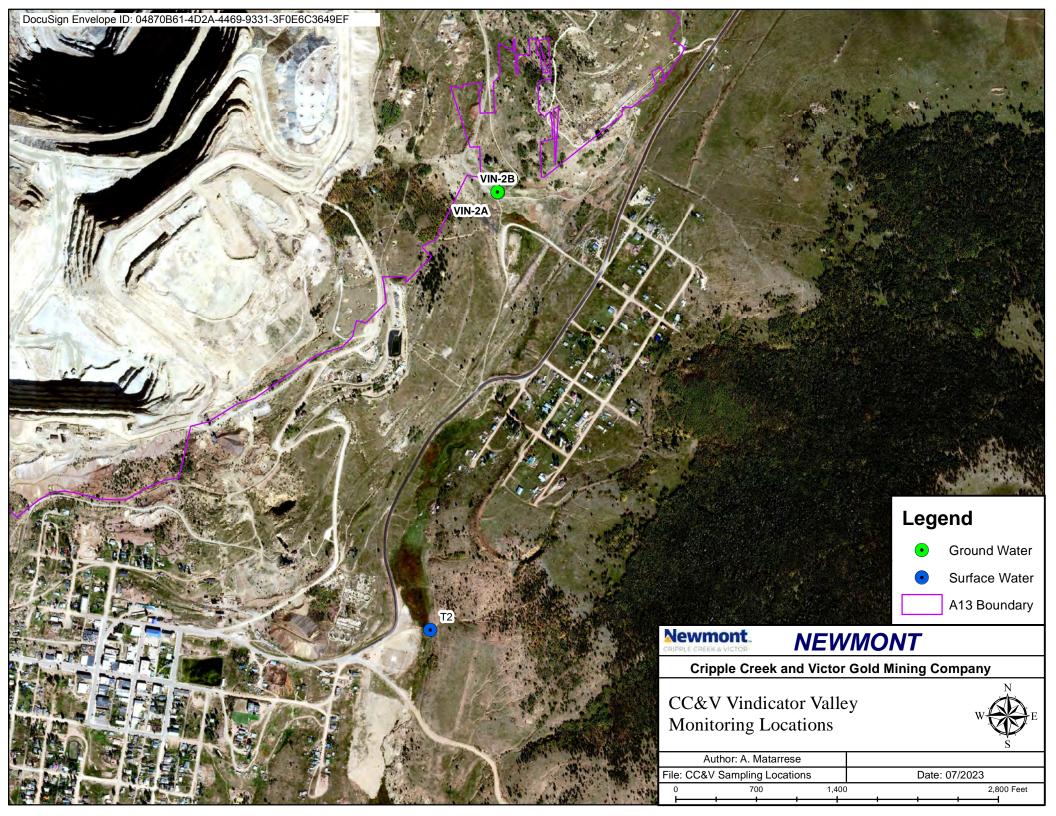
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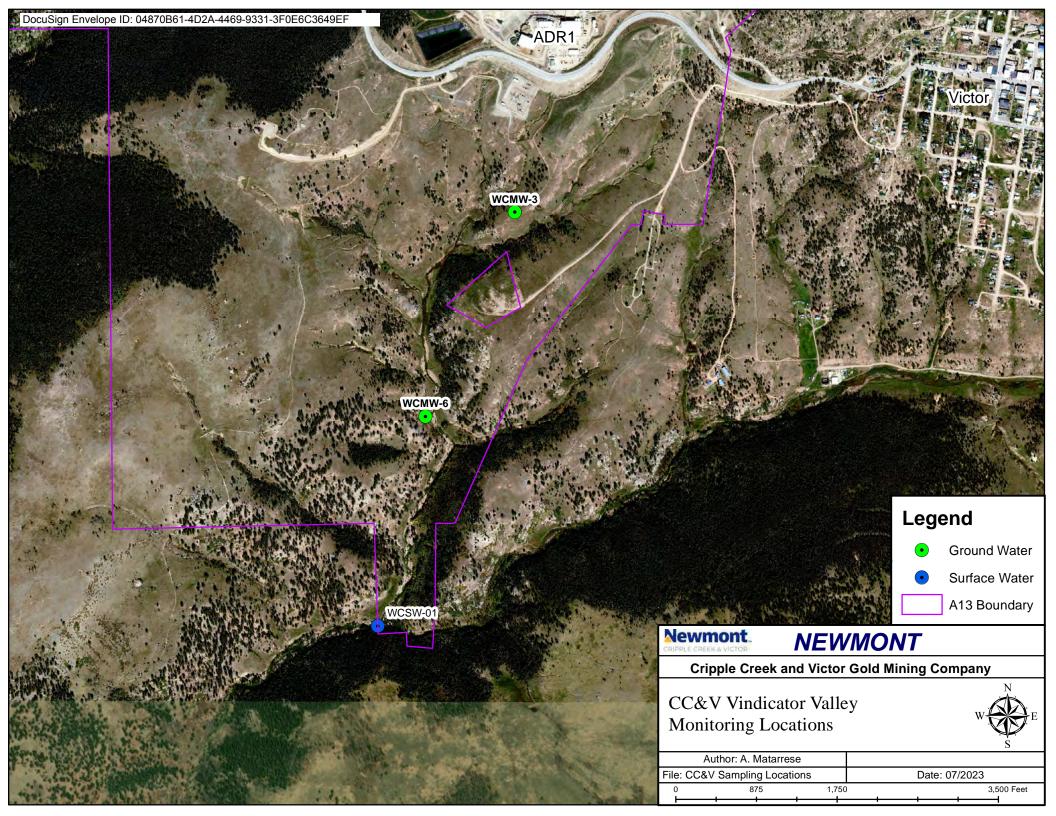
Location Maps

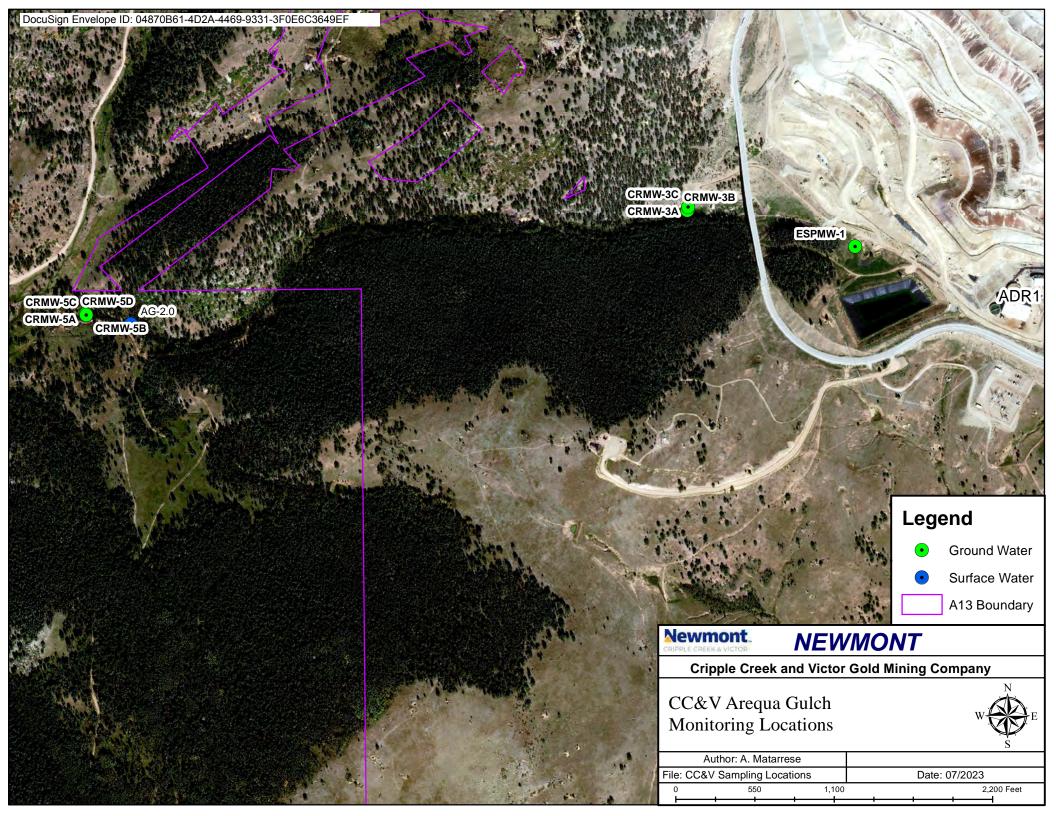


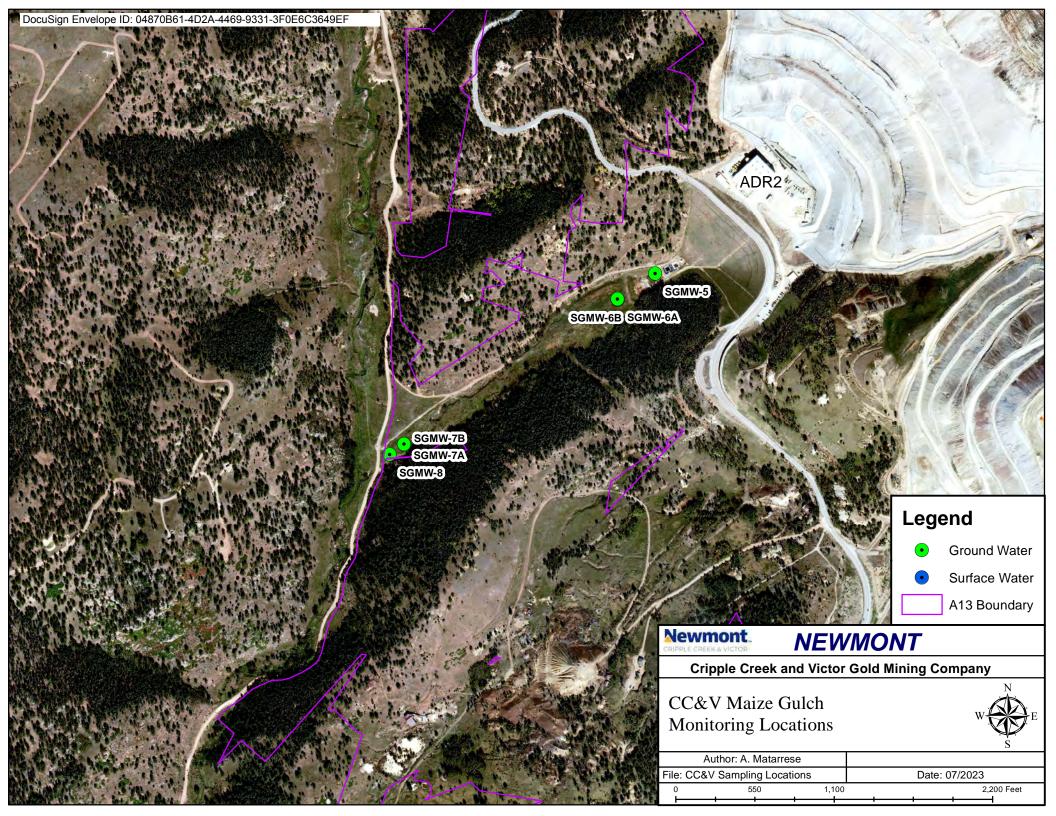


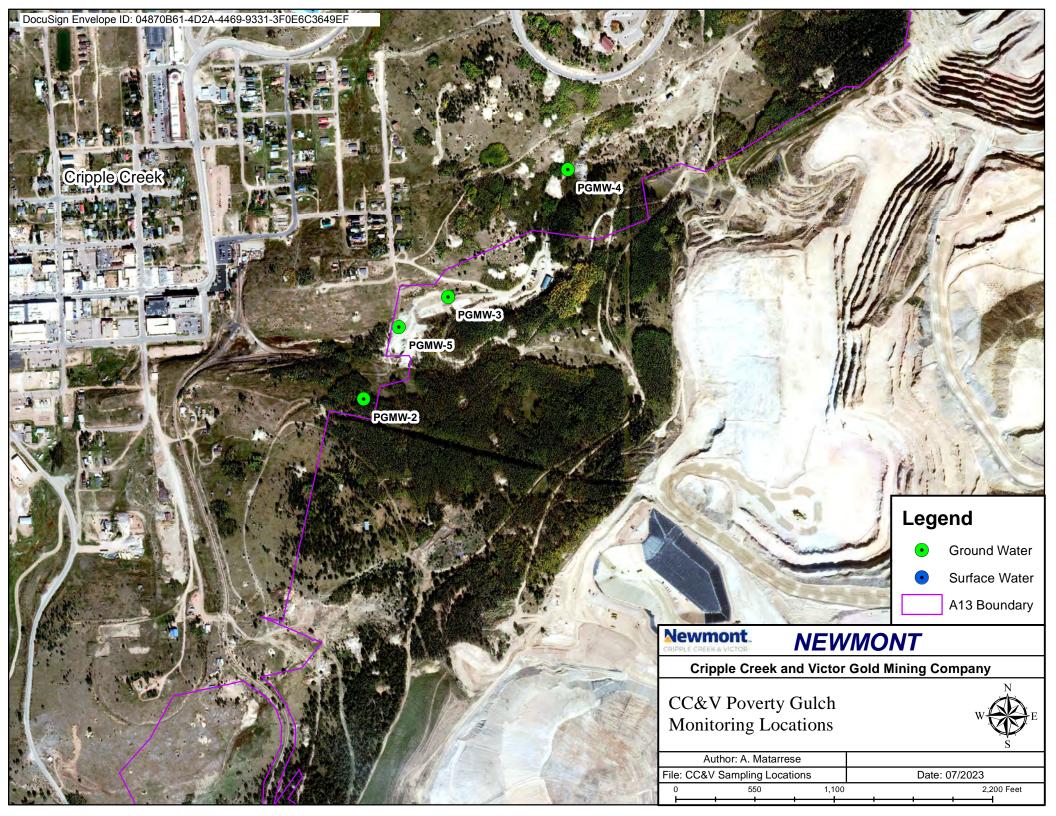














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Field Sheets

	Location :	Arequa G	ulch			Date:	7-5-23
	Technician:	Arequa G	7			Quarter:	3
	Static Water Level	I (DTW):	25.)		Well ID:	CRMW-3A
						Well Depth:	
	Is well Dry?	ND		If so Dry at:		feet	
	Time	Drawdown (ft)	рН (S.U.)	Cond. (uS/cm)	Temp. (°C)		Notes
	12:52		6.63	1908	10.0	started	Pumping ~18.25 3.934p
26.5	12:57	0.8	6.87	1921	10.0		3.93 4p
26.7	1:02	1	6.59	1944	9.4		
26.8	1:07	1.1	6.73	1951	9.6		
26.8	1:12	(. (6.54	1965	9.6		
26.8		1.1	6.63	1962	97		
248	1:22	1.(6.71	1963	9.7		
26.8	1:27	1. 1	6.76	1959	9.8		
26.8	- 0	1.1	6.77	1961	9.7		
26.7	1:37	1,1	6.64	1979	9.7		
10.1	1.01		0.01	1			
	Sample Method:	Lowelow		Rate (gpm):	~ 1:04 00	Time Start:	12:57_Time End:):337
		Final Parameters		lization Guid		Met?	Comments
		рН	6-6	4	0.1	(Ø)/N	
		Conductivity	1979	9	3%	ØN	
		Temp©	9.7	_	10%	ØN	
		Final H2O level	26.8	Y	feet		
	O/G visible: Equipment Decont	Y/N aminated:	V/N		Turbid?	YN	
	Decontamination p	procedure used:	Triple v	insk Pu	mp & Soc	nder be	fore PmPing
	·						
	Weather:	Sinny ho	<i>†</i>				
	Ciamatana	0.7	1				
	Signature:	- / Xul	- del				
		4 2					

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: <u>CRMW-38</u>

Date: 7-5-23

Technician: P. Barela

Quarter: 3

Time	pH (S.U.)	Cond. (uS/cm)	Temp.	Notes
2:00 0	1			

Samp	le

Method:

Oil/Gas visible

[Y/N]

Turbid

[Y/N]

Clear

[X/N]

Weather:

TADAMIZES

Signature

Comments:

Rump back is not working

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Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: <u>CRMW - 3C</u>

Date: 7-5-23

Technician: P. Barela

Quarter: ____3

Time	pH (S.U.):	Cond. (uS/cm)	Temp.	Notes
1:55	7.14	1717	17.6	

Sample Method:

Grab.

Oil/Gas visible

Turbid

Clear

[N/N]

Weather:

Signature:

Comments:

Use new tobing & Filter

Continues Pump back

Location :	Aregua Gul	ch			Date:	7-11-23
Technician:	Arequa Gul	_		•	Quarter:	3
Static Water Level	(DTW):	20	3	e	Well ID:	CBMW-5A
						205
Is well Dry?	NO		If so Dry at:		feet	
			Cond.	Tomas (°C)		Notes
Time	Drawdown (ft)	pH (S.U.)	(uS/cm)	Temp. (°C)		
7:48					Loso	Pricient
					NOT	enough For
					a c	umple
					<u> </u>	
			Rate (gpm):	-	Time Start:	Time End:
Sample Method:			Marc (Phin).			
	Final Parameters	Stabi	lization Guid	ance	Met?	Comments
	рН		/	0.1	Y/N	
	Conductivity			3%	Y/N	
	Temp©	/		10%	Y/N	
	Final H2O level	- /		feet		
O/G visible:	Y/N	Α		Turbid?	Y/N	_
Equipment Deconta	aminated:	Y/N				
Decontamination p	rocedure used:	_				
Decomania	()=					
Weather:						
Cianatura:	1/6	7.	_			
Signature:	July .	5				

	Location :	Areava Gula	ch			Date:	7-11-23	
	Technician:	Arequa Gula P. Barela	<u> </u>			Quarter:	3	
			27			Well ID:	CBMW-5B	_
	Static Water Leve	el (DIW):				Well Depth	: 143	
	Is well Dry?	_ 40	-	If so Dry at:		_feet		
		(5)	-ulen)	Cond.	Temp. (°C)		Notes	
	Time	Drawdown (ft)		(uS/cm)	8.8	Streeted &	runging 6,35 L	Inn
	10:15		7.39	238.6	-	great pear	9	LAX
30.4	18	3.4		238.8	8,9			
30.7	10.30	3.7		238.5				
30.8		3.8		238.0	8.6			
30.9		3.9		238.2				
31	10:45	4		238,1	8.5			
31	10.50	4	7.56	238.0	8.61			
	Sample Method:	LOW FLOW	10	Rate (gpm):	~1.68	Time Start:	10:15 Time End:	
	Sample Metilou.							
		Final Parameters	Stabi	ilization Guid		Met?	Comments	
		pH			0.1	Y/N Y/N		
		Conductivity			3% 10%	Y/N		
		Temp© Final H2O level			feet	.,,,,		
		Final H2O level			1000			
	O/G visible:	Y/N	•60		Turbid?	YN		
	Equipment Decont		Y/19					. 1040
i	Decontamination p	procedure used:	dedian	ted Pum	P , U	sc new	Filter & tob	ing
	ü							
,	Weather:	Sunny , h	Ot					
	Signature:	016	2,11	/				
•	o.D.inen.							

Groundwater Sampling Log

	Location :	ch_		Date:		7-11-23	
	Technician:	Aregixa Gui	`			Quarter:	3
	Static Water Leve	d (DTW):	26.	7		Well ID:	<u>Camw-5C</u>
	Is well Dry?	NO		If so Dry at:		feet	
	Time	Drawdown (ft)	pH (S.U.)	Cond (uS/cm)	Temp. (°C)		Notes
	8:52		6.56	183.7	69	Started Po	mping 6.30 cp
28.8	9:02	2.1	6.80	185.3	6.9		
29.1	4:12	2.4	6.74	189.6	6.9		
24.3		2.6	674	192.0	7,2		
201.4		2.7	6.80	193.7	7.1		
29.4		2.7	6.79	199.9	7.1		
			6.76	204.2	7,1		*
24.5		2.8	6.85	208.7			
296	The state of the s	2.9	6.88	205.7	7.3		
14.6	9:42	2.9	0.00	200.1	- (,)		
	Sample Method:	Low Flow		Rate (gpm):	~ 1.66	Time Start:	8:52 Time End:
						Met?	Comments
		Final Parameters		lization Guid	0.1	A/N	Comments
		pH	6.8		3%	Ø/N	
		Conductivity Temp©	7.	5.7	10%	Ø/N	
		Final H2O level	29.	7	feet		
	O/G visible: Equipment Decont	Y/N	Y/Ñ		Turbid?	Y/N)	
	• •		_	Hed Pu	mp		
١	Decontamination p	roceaure useu:	Dealle	TLU TU	7111		
١	Weather:	Cleur, in	wm				
	Signature:	M.A.	20				
`	ZiBilucui vi	1					

	Location: Arequa Gula		ich			Date:	7-11-23	>
	Technician:	Arequa Gu P. Barl	la		*	Quarter:	3_	
	Static Water Leve	I (DTW):	15.6	0	·	Well ID: Well Depth:	<u>CPMW-5</u>	D
	Is well Dry?	_NO	-	if so Dry at:		feet		
	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)		Notes	
	1 Printed Street	Diameter (15)		184.8	8.5	Started	Pumping	8.23 LIPA
4.3	8:00	2.7	6.45	1849	8.4		O	
- 1	8:05	2.7		182.8	8.0			
10.6	8:10	4.8		181.7	80			
10.4	8:15	5.5	W. Company	179.6	1.8			
21.1	8:20	7,		179.0	7.0			
21.7	8:25	6.1		178.4	7.8			
22.1	8:30			178.1	7.9			
22.5		6.9	6.47					
22.8	8:40	7.2	6.41	118.4	1.0			
1								
-								
-								
I.	Sample Method:	Low Plou	J	Rate (gpm):	-2.17	Time Start:	გ∶ ⊘∂Time	End: 8:40
		Final Parameters	Stabi	lization Guid	ance	Met?	Comm	ents
		рН	6.4	17	0.1	Y/N		
		Conductivity	178		3%	Y/N		
		Temp©	7.8	the same of the sa	10% feet	Y/N		
	D/G visible: Equipment Decont	Final H2O level YN aminated:	22. Y/N		Turbid?	Y/N		
	Decontamination p			ed pump				
,	Veather:	clear, war	m					
,	racatiles.	clear war	7					
9	ignature:	Juni 1) of					

		Groundwat	er Sampling I	Log		1
Location :	Areques Gos	GAN			Date:	7-11-23 / 7-12-23
Technician:	R. Barla				Quarter:	3
Static Water Level	(DTW):	195.4	-	•	Well ID:	FSPMW-1 220
Is well Dry?	NO	ĸ	If so Dry at:	Management of the Control of the Con	feet	12 00
Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)		Notes
1:27		1.20	524.9	7.5	Dry a	+ 220
7/12/23						
10:00:00	om 211 ex	6.92	512.0	9.7	COLLECT	ed
Hios						
						7.12.2
Sample Method:	Purge & retw.	1	Rate (gpm):			1:27 Time End: (0:00
	Final Parameters	Stab	ilization Guid	ance	Met?	Comments
	рН		12		Ø/N	
	Conductivity	512		3%	QY/N	
	Temp©	9.	7	10%	Ø/N	
	Final H2O level			feet		
O/G visible: Equipment Decont	Y/N aminated:	Y/Ñ		Turbid?	Y/N	
Decontamination p	procedure used:	pedical	la pun	2		
Weather:	Sunt, ho	t				
Signature:	(Vin	3	2			

Location :	Garcessy Me	ally		•	Date:	8-2-23
	P. Bart				Quarter:	3
Technician:	P. Bart	la				
Static Water Leve	I (DTM).	137	3		Well ID:	GVMW-8A
Static water Leve	(DIV).					250
Is well Dry?	NO		If so Dry at:		feet	
		Territorial designation of the last of the	Cond.			AND CONTRACTOR OF THE PARTY OF
Time	Drawdown (ft)	pH (S.U.)	(uS/cm)	Temp. (°C)		Notes
9:55					Dedic	whed Pump
9.55					no	t working.
					Tried	two different
				R		Hes.
					Time Charle	Time End
Sample Method:			Rate (gpm):		Time Start:	9.55 Time End:
		el.	lization Guid	2000	Met?	Comments
1	Final Parameters	Stabi	lization Guid	0.1	Y/N	/
	pH Conductivity		/	3%	Y/N	
	Temp©	/		10%	Y/N	
	Final H2O level			feet		
O/G visible:	- Y/N			Turbid?	Y/N_	
Equipment Deconta	aminated:	Y/N				
Decontamination p		Dedica-	ted Pun	1P	_	
122						
101 - 11 - m		1				
Weather:	Sunny, ho	7				
Signature:	A. A.) se				

	Location :	Grassy val	Les			Date:	7/25/23
	Technician:	P.Barlla				Quarter:	
	Static Water Leve		32.1			Well ID:	GVMW-8B h: 50
	Is well Dry?	NO	15	If so Dry at:		feet	
	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)		Notes
	9:40		7.60	441.0	7.9	Starta	Pemping 3.19 L/F
-61	9:45	Ч		432.0	8.7		
36.1	9:50	5.6		434.6	9.4		
	-	6.3	7,23	433.2	10.0		
38.4		8	7.27		9.6	/	
10.1	10:00	9.3		431.4	9.8		
41.4		9.9	7.0	431.2	9.5		
42.0	10:10		6.82	,	9,6		
42.4	10:15	10.3	6100	7.60			
	Sample Method:	LOW PLOW		Rate (gpm):	2.84	Time Start:	9:40 Time End: 0 115
		Final Parameters	Stabi	lization Guid	ance	Met?	Comments
	-	рН	6.8		0.1	X/N	
		Conductivity	431		3% 10%	/y/N	
		Temp©	9.6		feet	MN	
		Final H2O level	42.4		icet		
	O/G visible:	Y/N		-	Turbid?	Y/N	
	Equipment Decont	aminated:	Y/N				
	Decontamination p		De dicent	ed Pun	P. USC	New.	tubing & Filter
,	Weather:	Sunny hot					V
9	Signature:	26	Zule	<u>. </u>			·
		1)"				

	Location :	Grassy VIII	(<u>V</u>	<u> </u>	-	Date:	7-25-23
	Technician:	P Brinela			56 56	Quarter:	3
	Static Water Leve	(DTW):	2.6				GVMW-22A
	Is well Dry?	NO	-	If so Dry at:		feet	
	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)		Notes
TI-5	10:53		7.70	381.3	6.7	Startes pom Pi	8.57 L/P
		19.9	7.75	386.1	6.41		
12.5	11:05	28.7		387.7	6.4		
31.3	11:10	34.4		386.7	7.0		
37	11:15	38.6	7.88		7.0		
				386.4	7.3		
44.8	11:20	42.2		389.3	7.3		
47.7	11:25			389.8	7.2		
49.9		48.9		389.3	7.4		
51.5	11:35	40.4	7.16	20 113			
	Sample Method:	Low Flow		Rate (gpm):	~ 2.26		10:55 Time End: 17:35
		Final Parameters	Stabi	lization Guid		Met?	Comments
		рН	7.76		0.1	Ø/N	
		Conductivity	389	3	3% 10%	X/N	
		Temp©	7.4	-	feet	MN	
	D/G visible:	Final H2O level	51.5		Turbid?	Y/N	
i	Equipment Deconta	aminated:	y/N				
١	Decontamination p	rocedure used:	Tripler	mge w/	liquinos	X. U8C	NBW Filter &
	-	A Joing					
١	Weather:	hot, sunny					
9	ignature:	Ant)	n				

	Location:	Frassy valled				Date:	7-25	-23
	Technician:	Apr Burli				Quarter:	3	
	Static Water Level:		3.5			Well iD:	COVMW	-22B
	Is well Dry?	_NO		If so Dry at:		feet	rell 30	
						·		
	2000	D	-u IC III X	Cond. (uS/cm)	Temp. (°C)		Notes	
	Time	Drawdown (ft)	рн (S.U.) 7.79		7,1			5.36 LP
8	11:57	11 5-	7.40	2417.5	7.3	Started	Pumping	CP.
	12:02	5.3	7. 43	251.6	7.2			
8.8	12:07	5.5	7,37	257.6	7.3			
9	12:12		-	258.9	7.5			
	12:17	6.2		262.7	7.6			
•	12:22	6.9		263.2	8.0			
	12:27	7		268.4				
_	12:32	7		267.9	8.3		alma et palmatika	
	12:37	1	6.97		8.2			
10.5	12:42		(0,311	200.	0.2			

	Comple Mathed	Lanc Classic		Pata /anmi-	- 1 <i>(11</i>	Time Start	U Tim	e End: 12:412
	Sample Method:	Low. Flou	,	ware februit.	- 011	THIFE SAME.	11.5	Te Eliai D.
		Final Parameters	Stab	ilization Guid	lance	Met?	Con	nments
		рH	6.9		0.1	Ø/N		
		Conductivity	268		3% 10%	X/N		
		Temp© Final H2O level	10.5		feet	8/N		
	gru	bid?	Y/N		1555			
			`_					
		isible: contaminated:	(Y/N					
	7 3							
	Decontamination	procedure used:	Triple	rinse v	ul liqui	nox.	senew	Fi Her
		& tubina						
							Syrene CCC	
	Weather:	Sunny, h	0+					
		1						
	Signature:	- Jan	5-6-1	le.				

Location :	Poverty 6	uich		Date:	7/6/23	
Technician:	POWETTY G	<u>a</u>			Quarter:	3
Static Water Leve	I (DTW):				Well ID:	PGMW-2 218
Is well Dry?	<u> </u>		If so Dry at:	218	feet	210
			Cond.	- (90)		Notes
Time	Drawdown (ft)	pH (S.U.)	(uS/cm)	Temp. (°C)		t 218
9:50					Dry 0	010
Sample Method:	-		Rate (gpm):		Time Start:	Time End:
Sample meanes.						Comments
	Final Parameters	Stabi	lization Guid	0.1	Met? Y/N	Comments
	pH		/	3%	Y/N	
	Conductivity Temp©			10%	Y/N	
	Final H2O level			feet		
O/G visible:	Y/N			Turbid?	Y/N	
Equipment Deconta	aminated:	Y/N				
Decontamination p	rocedure used:					
Weather:	Sunny, hot	1	1			
Signature:	Chull	Bull				
	1/					

crippic creek & vi	detail doile illinning ac	Groundwat	er Sampling I	Log		/	
Location :	Poverty (nul	ch			Date:	7/11/23 / 7/18/23	
Technician:	P. Bare	4		<u>.</u>	Quarter:	3	
Static Water Level	(DTW):	36.7		,	Well ID:	96MW-3	
Is well Dry?	NO		If so Dry at:				
Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)		Notes	
12.58		4.29	1228	8.6		14 Stopped Pumping	
14.35			100	7.0	-	53	
					504) .	
-1 1-2							
7/18/23	- · · ·					00:01	
\$1:30	37.4	1. 71	2111	2 6/		Pumping	
11:37	48.0	4.09	1288	7.4	Collect	Le sample	
Sample Method:	Purge + net	urn	Rate (gpm):		Time Start:	12:58 Time End:	
	Final Parameters	Stah	ilization Guid	lance	Met?	Comments	
	pH	4.0		0.1	Ø/N	7	
	Conductivity	128		3%	χ/N		
	Temp©	7.6		10%	Ø/N		
	Final H2O level	48.	0	feet			
O/G visible: Equipment Decont	Y/N caminated:	ŶŶŊ		Turbid?	Y/N		
Decontamination p	orocedure used:	Dimo 1	Sounder	word to	1010 V.	and in himman	
Decomanimation				WALL II	VIT I	The state of the s	
	USL new to	hing ?	FILEV				
Weather:	hot, sand						
Signature:	Just.	7 cole					

Location :	Poverty	Gulch		e.	Date:	7 16 123
Technician:	P. Barre	la			Quarter:	3
Static Water Leve					Well ID:	PGMW-4 3g
Is well Dry?	yes_				feet	39
	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)		Notes
Time	Drawdown (it)	pit (5.0.)				+ 39
9:36					VII	7 57
Sample Method:			Rate (gpm):		Time Start:	Time End:
		Cu-la	lization Guid	anco	Met?	Comments
	Final Parameters	Stabi	ilzation Guid	0.1	Y/N	
	pH Conductivity			3%	Y/N	
	Temp©			10%	Y/N	
	Final H2O level			feet	-	
O/G visible:	-Y/N	V/N		Turbid?	-Y/N	
Equipment Decont	aminated:	Y/N				
Decontamination p	rocedure used:					
Weather:	Sunny, hos	,				
	>1/C	24	,			
Signature:	1)				

	Location :	n: P. Barla				Date:	7/18/23
	Technician:	P. Barell	a		•	Quarter:	3
	Static Water Level	I (DTW):	27.	9		Well ID: Well Depth	PGMW-5 51
	Is well Dry?	_ UD		If so Dry at:		feet	
		Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)		Notes
	Time	Drawdown (It)		2053	6.7	Structed	unging 6.05 Up
	10:35				7.1	CATTA	arring . ,
36-1	10:45	8.2	3.66		7.0		
38.5	10:50	10.6		2058			
40.6	10:55	12.7	3.64		7.0		
U13-6	11:00	15.7	3,67		7.0		S 200 S
446	11:05	16.7	3.65	2061	7.2		ried running vert
							llected sumple
						before.	Pump Stopped
,	Sample Method:	LOW PLOW		Rate (gpm):	~1.60	Time Start:	10:35 Time End: 11:05
		Final Parameters	Stabi	lization Guid	ance	Met?	Comments
		рН	3.65		0.1	(X/N	
		Conductivity	2061		3%	Ø√N	
		Temp©	7.2		10%	XIN	
		Final H2O level	44.6		feet		
	O/G visible: Equipment Deconta		У /N		Turbid?	Y/N)	
	Decontamination p	rocedure used:	Pump 1	Sounder	triple 1	ring w	Higuinax
		use new tob	ing & PL	bing			
,	Weather:	suny, ho	t				
:	Signature:	Xuuff	Just				

Location :	Squaw Gulch				Date:	7/6/23
Technician:	R. Barela			÷	Quarter:	3
Static Water Leve	I (DTW):				Well ID: Well Depth:	8GMW-5 256
Is well Dry?	118		If so Dry at:		feet	
	E ENGLISH	E Santa	Cond.	Town (°C)		Notes
Time	Drawdown (ft)	pH (S.U.)	(uS/cm)	Temp. (°C)		
1/:23					Dora	+ 200
Sample Method:			Rate (gpm):		Time Start:	Time End:
•					20.12	Comments
	Final Parameters	Stabi	lization Guid		Met?	Comments
	рН		/	0.1 3%	Y/N Y/N	
	Conductivity			10%	Y/N	
	Temp©			feet	1/14	
	Final H2O level			icet		/
O/G visible:	Y/N		,	Turbid?	Y/N_	
Equipment Decont	aminated:	Y/N				
Decontamination p	rocedure used:					
				-		
Weather:	SMIT, ho	+,				
C'a a strong	1	1	11.4			
Signature:	(That	1 3				
	1					

Location :	tion: Squaw Gulch				Date:	7/6/23	
Technician:	P. Barela				Quarter:	_ 3	
Static Water Level					Well ID: Well Depth:	SGMW -6A 400	
			Cond.				
Time	Drawdown (ft)	pH (S.U.)	(uS/cm)	Temp. (°C)		Notes	
11:02	-				DITO	t 400	
Sample Method:			Rate (gpm):		Time Start:	Time End:	
	mt I Davis was shown	Ctab	ilization Guid	ence	Met?	Comments	
ī	Final Parameters pH	Stan	IIIZACION GUID	0.1	Y/N		
ŀ	Conductivity			3%	Y/N		
İ	Temp©			10%	Y/N		
	Final H2O level			feet			
O/G visible: Equipment Deconta		Y/N		Turbid?	¥/N		
Decontamination p	rocedure used:						
Weather:	Sunny, hot						
	WINE , MI	#	2				
Signature:	Jul J	9					

Groundwater Sampling Log

	Location :	echnician: P. Barela				Date:	8/2/23	
	Technician: P. Barela Static Water Level (DTW):					Quarter:	3	
			20.7			Well ID: Well Depth	3GMW-6B	
	Is well Dry?	NO		If so Dry at:		feet		_
	-	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)		Notes	
	Time	Diawdown (ic)		2676	10.2	Starte	d Pumpiny 6.82	A
	12:22	100	-	2688	10.0		6	/ *
31.2	12:32	10.5			11.0			
32.9		12.2		2657				
33.8	12:42	13.1	6 01	2656	11.2			
34.6	12:47	13.9		2670	10.6			
35.8	12:52	15.1		2657	10.7			_
36.7	12:51	16.0		2658	10.8			_
37.6		16.9	6.17	2655	11.0			_
31.0								_
								_
								_
								_
							visit on Time Ends 1 / 00	2
	Sample Method:	LOW FLOW		Rate (gpm):	~1.80	Time Start:	12:22 Time End: 1:02	
			er. Li	ilization Guid	ance.	Met?	Comments	
		Final Parameters			0.1	()/N		
		pH Conductivity	265		3%	WN		
		Conductivity Temp©	11.0		10%	χ/N		_
		Final H2O level	37.6		feet	U		_
1	O/G visible: Equipment Decont	Y/N aminated:	Y/N		Turbid?	W N		
	Decontamination p		Dod : /	Led Du	WIR. D.	se neu	tubing ?	_
		Filtor	20010	700				
,	Weather:	F14	19+					_
			1					
	Signature:	J. Mar) des					

Location :	SGMW-7	B		*:	Date:	7/6/23
Technician:	P. Barela				Quarter:	3
Static Water Level	(DTW):				Well ID:	SGMW-74 400
30000 11000	, , , , , , , , , , , , , , , , , , , ,				Well Depth:	400
Is well Dry?	+es	b)	If so Dry at:	400	feet	
		KIT I	Cond	(00)		Notes
Time	Drawdown (ft)	pH (S.U.)	(uS/cm)	Temp. (°C)		
10:30					Dry a	r 700
						The Parker
Sample Method:	*		Rate (gpm):		Time Start:	Time End:
				of the late of the	Met?	Comments
	Final Parameters	Stabi	lization Guid	0.1	Y/N	Commence
	рН			3%	Y/N	
	Conductivity			10%	Y/N	
	Temp© Final H2O level			feet	.,,	
I	Final H2O level	-/		,,,,,,		
O/G visible:	Y/N			Turbid?	-Y/N	
Equipment Deconta	•	Y/N				
		•				
Decontamination p	rocedure used:					
N=	Ü .					
Weather:	hat sonny					
Signature:	1 have	Durl				
Ş : <u>-</u>)				

Groundwater Sampling Log

Location :	Squaw Gu	1ch			Date:	7/6/23
Technician:	Squaw Gu	<u> </u>		ę	Quarter:	3
Static Water Level			.7		Well ID:	56MW - 78
Is well Dry?	NO		If so Dry at:		feet	60
Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)		Notes
						icient
10:15					1302	No. 1
Sample Method:			Rate (gpm):		Time Start:	Time End:
					0.0000	Comments
	Final Parameters	Stabi	lization Guid		Met? Y/N	Comments
	рН		/	0.1 3%	Y/N	
	Conductivity		/	10%	Y/N	
	Temp© Final H2O level			feet	17.14	
Į.	Final H2O level			1000		
O/G visible:	Y/N		,	Turbid?	Y/N	
Equipment Deconta	aminated:	Y/N				
Decontamination p	rocedure used:					
Weather:	sinny, hot					
AACUUCI.		- Alpha	10			
Signature:	X	11-71	M			

Groundwater Sampling Log

7/18/23

Date:

	Location :	Squar Gru	Ich			Date:	1/18/23
	Technician:	P. Barela			=	Quarter:	3
	Static Water Leve	l (DTW):	211.	7	-		GMN-8 222
	Is well Dry?	_NO		If so Dry at:		feet	
	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	1	
	12:40						builing
	12:56		6.32	1567	9.8	Everx	4 bail : radings
			7.24	1566	9.5		
	1:08		7.36	1569	9.2		
	1:19		7.41	1565	9.0		
214.4	1:32	2.7	1.7.	1300			
1.							
	Sample Method:	bailer		Rate (gpm):		Time Start: 17	2:40 Time End: 1:32
		makes and a second	es. L:	lization Guid	2000	Met?	Comments
		Final Parameters			0.1	G/N	
		pH Conductivity	7.4		3%	Ø/N	
		Temp©	9.0	5	10%	ØN	
		Final H2O level	214.		feet		
	O/G visible: Equipment Deconta	YN aminated:	Y/N		Turbid?	W N	
		tadı	0 110	10	ne(1) +	doing to	Filter
	Decontamination p	rocedure used:	Baile	. USC	Tuest I	0.011	
1	Weather:	Sunny, hot	. 2				
	Signature:	Jun !	mer				
	v						

Groundwater Sampling Log

				- 4		Date:	8-2-23
	Location:	vindicato	r vall	£ V			
	Technician:	P. Barela			2 7)	Quarter:	3
	Static Water Level	/DTW)·	253.	3		Well ID:	VIN-2A 270
	Static water rever	1(0100).	622.		5.	Well Depth:	270
	Is well Dry?	NO		If so Dry at:		feet	
		FILLE FEET		Cond.	100		Netos
	Time	Drawdown (ft)	pH (S.U.)	(uS/cm)	Temp. (°C)		Notes
	10:34		6.65	1286	11.9	Starte	d pumping
254	10:44	0.7	7.09	1274	9.6		
	10:54	1.3	1.47	1302	9.7		
254.6	The second secon	1.7	7.55	1290	9.8		
255.	10.59	2		1288	9.3		
255.3	11:04	2.3		1780	9.2		
255.6	11:49	L.)	1.62	1200			
				(A	Time Start:	10:34 Time End: 11:10
	Sample Method:	Low Flow		Rate (gpm):	~1.40	Illie Start.	10.30 11110
	e.'	The second second	Stahi	lization Guid	ance	Met?	Comments
	1	Final Parameters	7.63		0.1	Q/N	
		pH Conductivity	1280		3%	Ø/N	
	ŀ	Temp©	9.2		10%	6)/N	
		Final H2O level	255.	6	feet		
(O/G visible:	Y/(Ñ)			Turbid?	Y/N	
H	Equipment Deconta	minated:	Y/N				
l	Decontamination p	rocedure used:	pedica.	rd Pun	D. 48	now to	bing + Piltor
	=		-				
١	Weather:	Sunny, ho	+				
9	Signature:	Jan	Live	w			
	-	1					

Groundwa	ater Sam	pling	Log
OLOGIIGITE	46C1 OUII	.b	

		Olouna iva	.cab8	6		
Location :	Vindicator V	alley		_	Date:	7-11-23 / 7-12-23
Technician:	P.Banela				Quarter:	3
Static Water Leve					Well ID:	V/TN - 2TS
Static water Leve	i (Di w).			-	Well Depth:	Vin-2B
Is well Dry?	NO		If so Dry at:		feet	
			Cond.			
Time	Drawdown (ft)	pH (S.U.)	(uS/cm)	Temp. (°C)		Notes
12:49		7.15	1300	7.3	Dry al	- 140 st
16.914						
= 1 = 1 =	an a a	1 40	12111	7.1	Collec	ted
	DW 89 PT	6.49	1314	24	COLLEC	Hed
9:25						
						7-11-23
Sample Method:	Purge & ret	rn	Rate (gpm):		Time Start:	12:49 Time End: 9:25
			ilization Guid		Met?	Comments
	Final Parameters pH			0.1	/%/N	
	Conductivity	13	14	3%		
	Temp©	7.		10%	X/N	
	Final H2O level			feet		
O/G visible: Equipment Decont	Y/N caminated:			Turbid?	Y/N	
•	manadura usad.	1 = 1	111 4	0		
Decontamination p	procedure used:	dedia	a Ha	Pum D		
Weather:	CLOUR, SW	inv, he	nt			
Cianatura		1	old			
Signature:		1	967			

Groundwater Sampling Log

7-12-23

Date:

	Location:	WILSON (reek		.	Date:	1-16-6)
	Technician:	9. Barelo			-::	Quarter:	3
	Static Water Level	L(DTW):	56.1	6		Well ID:	WCMW-3
	Static Water bever	. (2.00)			-	Well Depth:	134
	Is well Dry?	NO	-	If so Dry at:		feet	
	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)		Notes
	1:16		7.36	422.9	9.6	Started Pe	
64.4		12.8		431.3	9.6		4,41 40
69.8		13.2		428.1	9.5		
			7.71	429.0	9,4		
70.2	- Market	13.6		427.5	9.2		
70.5		13.9	7.72		4.2		
70.7	1:46	14.1	7.70	427.1	9.1		
70.9	1:51	14.3	7.71	427.9	9,4		
71.1	1:56	14.5	7.62	427.1	91,1		
					ed a soft	There Charles	1:16 Time End: 1:56
	Sample Method:	LOW Flow		Rate (gpm):	~1.16	Time Start:	THE TIME ENG. 1.50
			- Ctab	ilization Guid	ance	Met?	Comments
		Final Parameters			0.1	Ø/N	
		pH Conductivity	7.6	7.1	3%	≱N	
		Temp©	9.6	1	10%	Ø/N	
		Final H2O level	71.		feet		
	O/G visible: Equipment Deconta	Y/N Caminated:	Y/N		Turbid?	Y/M	
	Decontamination p	rocedure used:	Triple	ring W	liquina	x both	Pump & Sonder
					/		
		New tubing	* Filter	2/1			
	Weather:	Sunny, hot					
	Cianatura:		12,1	7			
	Signature:	Jan 1	June				

Groundwater Sampling Log

	Location :	Wilson C	reek		-	Date:	7-12-	23
	Technician:	P.Ban	ela		= <u>3</u> .	Quarter:	3	>
	Static Water Leve	el (DTW):	4.5		=	Well ID:	WCMW 234	1-6
	Is well Dry?	NO		If so Dry at:		feet		
		(7)	-ulen)	Cond. (uS/cm)	Temp. (°C)		Notes	
	Time	Drawdown (ft)	pH (S.U.)		9.1	Shirled	Puma in	7.5 1/2
	11:16			356.7		Starte	rumy in	C/F
30.6	11:26	26.1	7.16	356.0	9.7			
33.5	11:36	29	7.07	359.4	10.2			
34	11:46	29.5	7.13	369.0	10.2			
19.5	11:56	36.1	7.15	373.6	19.2			
	12:06	45.2	1.05	375.9	10.5			
4 7.1	10.0							
	Comple Method:	Low Flow		Rate (gpm):	~2.0	Time Start:	11216 Tin	ne End: (2:0
	Sample Method.	Low From						
		Final Parameters	Stabi	ilization Guid	ance	Met?	Con	nments
		pН	7.0	S	0.1	X/N		
		Conductivity	37.		3%	35/N		
		Temp©	10.		10%	Ø/N	-	
		Final H2O level	49.	.7	feet			
	O/G visible: Equipment Decont	-	9/N		Turbid?	4/16)		
	Decontamination p	procedure used:	Triple 1	rinse w/	riquinox	both Sc	onder ?	Pump
		New tubing &						
,		Sunny, hot						
;	Signature:		(x)	7		_		
		7 6						



Cripple Creek & Victor Gold Mining Company 100 North 3rd Street P.O. Box 191 Victor, Colorado 80860 P 719.689.2977 F 719.689.3254 newmont.com

Groundwater

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

SAMPLE LOCATION: CRMW 3A-35 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0041-02
Sample Date	-	7/5/2023
Lab Test Date	-	7/25/2023
Sampled By	-	PB

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	0.0227
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	0.103
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)		271
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0184
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)		0.0127
Cyanide - WAD (mg/L)	0.2000	<0.0050
Fluoride - Total F (mg/L)	2.0000	3.33
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	0.0451
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	1.09
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	1.09
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	6.64
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)		95.9
Sulfate - Total (mg/L)	250.00	604
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)		1260
Uranium - Dissolved (mg/L)	0.0300	0.00479
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: CRMW 3C-124 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0041-01
Sample Date	-	7/5/2023
Lab Test Date	-	7/25/2023
Sampled By	-	PB

Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)		<0.030
Antimony - Dissolved (mg/L)	0.0060	0.00114
Arsenic - Dissolved (mg/L)	0.0100	<0.00100
Barium - Dissolved (mg/L)	2.0000	0.0089
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	0.0584
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)		177
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0181
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	2.53
Iron - Dissolved (mg/L)	14.0000	<0.100
Lead - Dissolved (mg/L)	0.0500	0.0109
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	2.18
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	0.0082
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.443
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.443
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	7.14
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)		61.4
Sulfate - Total (mg/L)	250.00	581
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)		1210
Uranium - Dissolved (mg/L)	0.0300	0.0187
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.0161

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: CRMW 5B-143 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0129-01
Sample Date	-	7/11/2023
Lab Test Date	-	7/31/2023
Sampled By	-	PB

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	0.0051
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)		7.06
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	2.82
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	0.140
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.140
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	7.56
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)		7.79
Sulfate - Total (mg/L)	250.00	31.2
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)		147
Uranium - Dissolved (mg/L)	0.0300	0.00353
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: CRMW 5C-60 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0129-02
Sample Date	-	7/11/2023
Lab Test Date	-	7/31/2023
Sampled By	-	PB

Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)	7.0000	<0.030
Antimonia (mg/L) Antimony - Dissolved (mg/L)	0.0060	<0.030
Arsenic - Dissolved (mg/L)	0.0000	<0.00100
Barium - Dissolved (mg/L)	2.0000	0.0076
	0.0040	
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)		<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)		7.37
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	2.83
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	0.117
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.117
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	6.88
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)		8.35
Sulfate - Total (mg/L)	250.00	34.6
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)		128
Uranium - Dissolved (mg/L)	0.0300	0.000595
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: CRMW 5D-27 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0129-04
Sample Date	-	7/11/2023
Lab Test Date	-	7/31/2023
Sampled By	-	PB

Aluminium - Dissolved (mg/L)	7.0000	0.091
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	0.0475
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)		9.60
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	3.04
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	0.0153
Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrate as Nitrogen (mg/L)	10.0000	0.055
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	6.47
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)		7.11
Sulfate - Total (mg/L)	250.00	30.3
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)		118
Uranium - Dissolved (mg/L)	0.0300	0.000129
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: ESPMW Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0161-03
Sample Date	-	7/12/2023
Lab Test Date	-	7/31/2023
Sampled By	-	PB

Cyanide - WAD (mg/L)	0.2000	<0.0050
pH Field (pH unit)	6.00-8.50	6.92

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

SAMPLE LOCATION: GVMW 22A-70 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0383-04
Sample Date	-	7/25/2023
Lab Test Date	-	8/11/2023
Sampled By	-	PB

A1		
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	0.115
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)		4.48
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	2.06
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	0.0618
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	0.0128
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	7.76
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)		36.7
Sulfate - Total (mg/L)	250.00	37.4
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)		220
Uranium - Dissolved (mg/L)	0.0300	0.00405
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: GVMW 22B-30 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0383-05
Sample Date	-	7/25/2023
Lab Test Date	-	8/11/2023
Sampled By	-	PB

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	0.0690
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)		11.5
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	0.412
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	0.285
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	0.285
Nitrite as Nitrogen (mg/L)	1.0000	<0.050
pH Field (pH unit)	6.00-8.50	6.97
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)		14.0
Sulfate - Total (mg/L)	250.00	39.2
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)		163
Uranium - Dissolved (mg/L)	0.0300	0.000910
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: GVMW 8B-50 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0383-03
Sample Date	-	7/25/2023
Lab Test Date	-	8/11/2023
Sampled By	-	PB

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) 0.0040 <0.00200 Beryllium - Dissolved (mg/L) 0.7500 <0.0400 Cadmium - Dissolved (mg/L) 0.0500 <0.0020 Chloride - Total (mg/L) 46.5 Chromium - Dissolved (mg/L) 0.1000 <0.0060 Cobalt - Dissolved (mg/L) 0.2000 <0.0060 Cobalt - Dissolved (mg/L) 0.2000 <0.0100 Cyanide - Free (mg/L) 0.2000 <0.0050 Cyanide - Free (mg/L) 0.2000 <0.0050 Cyanide - Total (mg/L) <0.0050 Cyanide - Total (mg/L) 0.2000 <0.0050 Cyanide - Total (mg/L) 0.2000 <0.0050 Cyanide - Total (mg/L) 0.2000 <0.0050 Fluoride - Total (mg/L) 0.0000 <0.0050 Fluoride - Total (mg/L) 0.0000			
Antimony - Dissolved (mg/L) 0.0060 <0.00100	Aluminium - Dissolved (mg/L)	7.0000	<0.080
Arsenic - Dissolved (mg/L) 0.0100 <0.00100	` • '		
Barium - Dissolved (mg/L) 2.0000 0.0053 Beryllium - Dissolved (mg/L) 0.0040 <0.00200	` ` ` ,		
Beryllium - Dissolved (mg/L) 0.0040 <0.00200	` ` ,		
Boron - Dissolved (mg/L)	` • ,	1 1	
Cadmium - Dissolved (mg/L) 0.0050 <0.0020		0.0040	<0.00200
Chloride - Total (mg/L) 46.5 Chromium - Dissolved (mg/L) 0.1000 <0.0060	` • ,	0.7500	<0.0400
Chromium - Dissolved (mg/L) 0.1000 <0.0060	` • ,	0.0050	
Cobalt - Dissolved (mg/L) 0.0500 <0.0060 Copper - Dissolved (mg/L) 0.2000 <0.0100			46.5
Copper - Dissolved (mg/L) 0.2000 <0.0100 Cyanide - Free (mg/L) 0.2000 <0.0050	` ` ,	0.1000	<0.0060
Cyanide - Free (mg/L) 0.2000 <0.0050	` • ,	0.0500	
Cyanide - Total (mg/L) <0.0050	\ ` · · · · · · · · · · · · · · · · · ·	0.2000	<0.0100
Cyanide - WAD (mg/L) 0.2000 <0.0050	` ` ` ,	0.2000	<0.0050
Fluoride - Total F (mg/L) 2.0000 2.15 Iron - Dissolved (mg/L) 14.0000 <0.100			
Iron - Dissolved (mg/L) 14.0000 <0.100	Cyanide - WAD (mg/L)	0.2000	<0.0050
Lead - Dissolved (mg/L) 0.0500 <0.0075 Lithium - Dissolved (mg/L) 2.5000 <0.040	Fluoride - Total F (mg/L)	2.0000	2.15
Lithium - Dissolved (mg/L) 2.5000 <0.040	Iron - Dissolved (mg/L)	14.0000	<0.100
Manganese - Dissolved (mg/L) 3.0000 <0.0080	Lead - Dissolved (mg/L)	0.0500	<0.0075
Mercury - Dissolved (mg/L) 0.00200000 <0.000200 Molybdenum - Dissolved (mg/L) 0.2100 <0.0080	Lithium - Dissolved (mg/L)	2.5000	<0.040
Molybdenum - Dissolved (mg/L) 0.2100 <0.0080 Nickel - Dissolved (mg/L) 0.2000 <0.0100	Manganese - Dissolved (mg/L)	1	<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 2.03 Nitrite as Nitrogen (mg/L) 1.0000 <0.050	Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Nitrate as Nitrogen (mg/L) 10.0000 2.03 Nitrite + Nitrate as Nitrogen (mg/L) 11.0000 2.03 Nitrite as Nitrogen (mg/L) 1.0000 <0.050	Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nitrite + Nitrate as Nitrogen (mg/L) 11.0000 2.03 Nitrite as Nitrogen (mg/L) 1.0000 <0.050	Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrite as Nitrogen (mg/L) 1.0000 <0.050		10.0000	2.03
pH Field (pH unit) 6.00-8.50 6.82 Selenium - Dissolved (mg/L) 0.0240 <0.00100	Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	2.03
Selenium - Dissolved (mg/L) 0.0240 <0.00100	Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Silver - Dissolved (mg/L) 0.0500 <0.0050	pH Field (pH unit)	6.00-8.50	6.82
Sodium - Dissolved (mg/L) 25.9 Sulfate - Total (mg/L) 250.00 89.1 Thallium - Dissolved (mg/L) 0.0020 <0.00100	Selenium - Dissolved (mg/L)	0.0240	<0.00100
Sulfate - Total (mg/L) 250.00 89.1 Thallium - Dissolved (mg/L) 0.0020 <0.00100	Silver - Dissolved (mg/L)	0.0500	< 0.0050
Thallium - Dissolved (mg/L) 0.0020 <0.00100 Total Dissolved Solids (mg/L) 276 Uranium - Dissolved (mg/L) 0.0300 0.00289 Vanadium - Dissolved (mg/L) 0.1000 <0.0050	Sodium - Dissolved (mg/L)		25.9
Total Dissolved Solids (mg/L) 276 Uranium - Dissolved (mg/L) 0.0300 0.00289 Vanadium - Dissolved (mg/L) 0.1000 <0.0050	Sulfate - Total (mg/L)	250.00	89.1
Uranium - Dissolved (mg/L) 0.0300 0.00289 Vanadium - Dissolved (mg/L) 0.1000 <0.0050	Thallium - Dissolved (mg/L)	0.0020	<0.00100
Vanadium - Dissolved (mg/L) 0.1000 <0.0050	Total Dissolved Solids (mg/L)		276
, - ,	Uranium - Dissolved (mg/L)	0.0300	0.00289
Zinc - Dissolved (mg/L) 2.0000 <0.0100	Vanadium - Dissolved (mg/L)	0.1000	<0.0050
	Zinc - Dissolved (mg/L)	2.0000	<0.0100

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: GVMW-25 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	ds 3rd Qtr		
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.	SVL Analytical, Inc
Lab Reference #	-	X3G0100-05	X3H0154-03	X3I0175-01RE1
Sample Date	-	7/10/2023	8/8/2023	9/12/2023
Lab Test Date	-	8/23/2023	8/31/2023	10/3/2023
Sampled By	-	РВ	РВ	PB
Aluminium - Dissolved (mg/L)	7.0000	18.9	149	435
Ammonia (mg/L)		<0.030	<0.030	<0.030
Antimony - Dissolved (mg/L)	0.0060	<0.00100	<0.00100	<0.100
Arsenic - Dissolved (mg/L)	0.0100	0.00153	0.0624	<0.100
Barium - Dissolved (mg/L)	2.0000	0.0101	0.0086	0.0072
Beryllium - Dissolved (mg/L)	0.0040	0.0305	0.131	0.270
Boron - Dissolved (mg/L)	0.7500	<0.0400	<0.0400	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	0.0691	0.384	0.888
Chloride - Total (mg/L)		39.4	33.2	30.2
Chromium - Dissolved (mg/L)	0.1000	<0.0060	0.0174	0.0746
Cobalt - Dissolved (mg/L)	0.0500	0.0431	0.374	1.03
Copper - Dissolved (mg/L)	0.2000	0.0332	0.328	1.23
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	4.3	12.5	43.0
Iron - Dissolved (mg/L)	14.0000	<0.100	0.133	1.57
Lead - Dissolved (mg/L)	0.0500	<0.0075	<0.0075	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040	0.121	<0.040
Manganese - Dissolved (mg/L)	3.0000	9.66	56.3	125
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	0.135	0.668	1.48
Nitrate as Nitrogen (mg/L)	10.0000	2.12	2.70	2.86
Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	2.32	3.43	2.86
Nitrite as Nitrogen (mg/L)	1.0000	<0.050	<0.250	<0.250
pH Field (pH unit)	6.00-8.50	4.32	3.93	3.69
Selenium - Dissolved (mg/L)	0.0240	0.00563	<0.0100	0.177
Silver - Dissolved (mg/L)	0.0500	<0.0050	<0.0050	<0.0050
Sodium - Dissolved (mg/L)		29.3	42.5	45.8
Sulfate - Total (mg/L)	250.00	1000	3400	5800
Thallium - Dissolved (mg/L)	0.0020	<0.00100	<0.00200	<0.0200
Total Dissolved Solids (mg/L)		1400	5010	7830
Uranium - Dissolved (mg/L)	0.0300	0.0439	0.441	0.777
Vanadium - Dissolved (mg/L)	0.1000	<0.0050	<0.0050	<0.0050
Zinc - Dissolved (mg/L)	2.0000	2.24	12.8	32.9

^{*} Standard is for Reference Only

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:

SAMPLE LOCATION: GVMW-26A Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr	
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X3H0155-03	X3I0177-03
Sample Date	-	8/8/2023	9/12/2023
Lab Test Date	-	8/31/2023	10/3/2023
Sampled By	-	PB	PB

	0.000	
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)	 0.175	0.183
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)	 2.06	1.58
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)	 1.79	1.94
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)	 <0.0080	<0.0080
Mercury - Dissolved (mg/L)	 <0.000200	<0.000200
Molybdenum - Dissolved (mg/L)	 <0.0080	<0.0080
Nickel - Dissolved (mg/L)	 <0.0100	<0.0100
Nitrate as Nitrogen (mg/L)	 0.094	0.065
Nitrite + Nitrate as Nitrogen (mg/L)	 <0.100	<0.100
Nitrite as Nitrogen (mg/L)	 <0.050	<0.050
pH Field (pH unit)	 7.91	7.95
Selenium - Dissolved (mg/L)	 <0.00100	0.00110
Silver - Dissolved (mg/L)	 <0.0050	<0.0050
Sodium - Dissolved (mg/L)	 29.8	31.9
Sulfate - Total (mg/L)	 11.9	11.2
Thallium - Dissolved (mg/L)	 <0.000200	<0.000200
Total Dissolved Solids (mg/L)	 186	196
Uranium - Dissolved (mg/L)	 0.00364	0.00346
Vanadium - Dissolved (mg/L)	 <0.0050	<0.0050
Zinc - Dissolved (mg/L)	 <0.0100	<0.0100

^{*} Standard is for Reference Only

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:

SAMPLE LOCATION: GVMW-26B Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr	
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X3H0155-04	X3I0177-04
Sample Date	-	8/8/2023	9/12/2023
Lab Test Date	-	8/31/2023	10/3/2023
Sampled By	-	PB	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)	 0.11	0.113
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)	 1.69	1.66
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)	 0.224	0.226
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)	 <0.0080	<0.0080
Mercury - Dissolved (mg/L)	 <0.000200	<0.000200
Molybdenum - Dissolved (mg/L)	 <0.0080	<0.0080
Nickel - Dissolved (mg/L)	 <0.0100	<0.0100
Nitrate as Nitrogen (mg/L)	 0.597	0.576
Nitrite + Nitrate as Nitrogen (mg/L)	 0.597	0.576
Nitrite as Nitrogen (mg/L)	 <0.050	<0.050
pH Field (pH unit)	 6.67	6.69
Selenium - Dissolved (mg/L)	 <0.00100	<0.00100
Silver - Dissolved (mg/L)	 <0.0050	<0.0050
Sodium - Dissolved (mg/L)	 9.62	10.1
Sulfate - Total (mg/L)	 22	21.8
Thallium - Dissolved (mg/L)	 <0.000200	<0.000200
Total Dissolved Solids (mg/L)	 109	134
Uranium - Dissolved (mg/L)	 0.000102	0.000129
Vanadium - Dissolved (mg/L)	 <0.0050	<0.0050
Zinc - Dissolved (mg/L)	 <0.0100	<0.0100

^{*} Standard is for Reference Only

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

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

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0275-02
Sample Date	-	7/18/2023
Lab Test Date	-	8/3/2023
Sampled By	-	PB

Antimony - Dissolved (mg/L) 0.0060 <0 Arsenic - Dissolved (mg/L) 0.0100 0. Barium - Dissolved (mg/L) 2.0000 0 Beryllium - Dissolved (mg/L) 0.0040 <0 Boron - Dissolved (mg/L) 0.7500 <0	13.5 0.030 0.00100 0.0253 0.0113 0.00200 0.0400 0.0090
Antimony - Dissolved (mg/L) 0.0060 <0	0.00100 .00253 0.0113 0.00200 0.0400
Arsenic - Dissolved (mg/L) 0.0100 0. Barium - Dissolved (mg/L) 2.0000 0 Beryllium - Dissolved (mg/L) 0.0040 <0	0.00253 0.0113 0.00200 0.0400
Barium - Dissolved (mg/L) 2.0000 0 Beryllium - Dissolved (mg/L) 0.0040 <0	0.0113 0.00200 0.0400
Beryllium - Dissolved (mg/L) 0.0040 <0	0.00200 0.0400
Boron - Dissolved (mg/L) 0.7500 <	0.0400
` • '	
0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0090
, , , ,	
(3 /	51.7
Chromium - Dissolved (mg/L) 0.1000 <	0.0060
Cobalt - Dissolved (mg/L) 0.0500 0	0.0343
Copper - Dissolved (mg/L) 0.2000	0.257
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	1.99
Iron - Dissolved (mg/L) 14.0000 <	0.100
Lead - Dissolved (mg/L) 0.0500 <	0.0075
Lithium - Dissolved (mg/L) 2.5000 <	0.040
Manganese - Dissolved (mg/L) 3.0000	7.08
Mercury - Dissolved (mg/L) 0.00200000 0.0	000372
Molybdenum - Dissolved (mg/L) 0.2100 <	0.0080
Nickel - Dissolved (mg/L) 0.2000 0	0.0702
Nitrate as Nitrogen (mg/L) 10.0000	8.55
Nitrite + Nitrate as Nitrogen (mg/L) 11.0000	8.55
Nitrite as Nitrogen (mg/L) 1.0000 <	0.050
pH Field (pH unit) 6.00-8.50	4.09
Selenium - Dissolved (mg/L) 0.0240 0.	.00120
Silver - Dissolved (mg/L) 0.0500 <	0.0050
Sodium - Dissolved (mg/L)	24.7
Sulfate - Total (mg/L) 250.00	644
Thallium - Dissolved (mg/L) 0.0020 <0	0.00100
Total Dissolved Solids (mg/L)	997
Uranium - Dissolved (mg/L) 0.0300 0.	.00114
Vanadium - Dissolved (mg/L) 0.1000 <	0.0050
Zinc - Dissolved (mg/L) 2.0000	1.00

^{*} Standard is for Reference Only

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:

SAMPLE LOCATION: PGMW-5 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0275-01
Sample Date	-	7/18/2023
Lab Test Date	-	8/3/2023
Sampled By	-	PB

Aluminium - Dissolved (mg/L)	 107
Ammonia (mg/L)	 <0.030
Antimony - Dissolved (mg/L)	 <0.00100
Arsenic - Dissolved (mg/L)	 0.0129
Barium - Dissolved (mg/L)	 0.0107
Beryllium - Dissolved (mg/L)	 0.0127
Boron - Dissolved (mg/L)	 <0.0400
Cadmium - Dissolved (mg/L)	 0.0580
Chloride - Total (mg/L)	 52.4
Chromium - Dissolved (mg/L)	 <0.0060
Cobalt - Dissolved (mg/L)	 0.298
Copper - Dissolved (mg/L)	 1.95
Cyanide - Free (mg/L)	 <0.0050
Cyanide - Total (mg/L)	 0.0070
Cyanide - WAD (mg/L)	 <0.0050
Fluoride - Total F (mg/L)	 11.4
Iron - Dissolved (mg/L)	 0.152
Lead - Dissolved (mg/L)	 <0.0075
Lithium - Dissolved (mg/L)	 <0.040
Manganese - Dissolved (mg/L)	 61.2
Mercury - Dissolved (mg/L)	 <0.000200
Molybdenum - Dissolved (mg/L)	 <0.0080
Nickel - Dissolved (mg/L)	 0.488
Nitrate as Nitrogen (mg/L)	 1.87
Nitrite + Nitrate as Nitrogen (mg/L)	 1.87
Nitrite as Nitrogen (mg/L)	 <0.050
pH Field (pH unit)	 3.65
Selenium - Dissolved (mg/L)	 0.00214
Silver - Dissolved (mg/L)	 <0.0050
Sodium - Dissolved (mg/L)	 29.1
Sulfate - Total (mg/L)	 1450
Thallium - Dissolved (mg/L)	 <0.00100
Total Dissolved Solids (mg/L)	 2030
Uranium - Dissolved (mg/L)	 0.0502
Vanadium - Dissolved (mg/L)	 <0.0050
Zinc - Dissolved (mg/L)	 8.14

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: SGMW 6B-60 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3H0065-05
Sample Date	-	8/2/2023
Lab Test Date	-	8/31/2023
Sampled By	-	PB

Aluminium - Dissolved (mg/L)	7.0000	1.19
Ammonia (mg/L)		0.094
Antimony - Dissolved (mg/L)	0.0060	<0.00200
Arsenic - Dissolved (mg/L)	0.0100	<0.00200
Barium - Dissolved (mg/L)	2.0000	0.0108
Beryllium - Dissolved (mg/L)	0.0040	0.0815
Boron - Dissolved (mg/L)	0.7500	0.0850
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)		160
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0230
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)		0.0109
Cyanide - WAD (mg/L)	0.2000	<0.0050
Fluoride - Total F (mg/L)	2.0000	7.96
Iron - Dissolved (mg/L)	14.0000	16.1
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	0.117
Manganese - Dissolved (mg/L)	3.0000	10.2
Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Molybdenum - Dissolved (mg/L)	0.2100	<0.0080
Nickel - Dissolved (mg/L)	0.2000	0.0440
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	6.17
Selenium - Dissolved (mg/L)	0.0240	<0.00200
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)		70.9
Sulfate - Total (mg/L)	250.00	1430
Thallium - Dissolved (mg/L)	0.0020	<0.000400
Total Dissolved Solids (mg/L)		2360
Uranium - Dissolved (mg/L)	0.0300	0.0158
Vanadium - Dissolved (mg/L)	0.1000	< 0.0050
Zinc - Dissolved (mg/L)	2.0000	0.268

^{*} Standard is for Reference Only

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:

SAMPLE LOCATION: SGMW-8 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0275-03
Sample Date	-	7/18/2023
Lab Test Date	-	8/3/2023
Sampled By	-	PB

Aluminium - Dissolved (mg/L)	 <0.080
Ammonia (mg/L)	 <0.030
Antimony - Dissolved (mg/L)	 <0.00100
Arsenic - Dissolved (mg/L)	 <0.00100
Barium - Dissolved (mg/L)	 0.0622
Beryllium - Dissolved (mg/L)	 <0.00200
Boron - Dissolved (mg/L)	 0.0941
Cadmium - Dissolved (mg/L)	 <0.0020
Chloride - Total (mg/L)	 29.0
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)	 0.582
Iron - Dissolved (mg/L)	 <0.100
Lead - Dissolved (mg/L)	 <0.0075
Lithium - Dissolved (mg/L)	 <0.040
Manganese - Dissolved (mg/L)	 1.70
Mercury - Dissolved (mg/L)	 <0.000200
Molybdenum - Dissolved (mg/L)	 0.0248
Nickel - Dissolved (mg/L)	 0.0203
Nitrate as Nitrogen (mg/L)	 0.057
Nitrite + Nitrate as Nitrogen (mg/L)	 <0.100
Nitrite as Nitrogen (mg/L)	 <0.050
pH Field (pH unit)	 7.41
Selenium - Dissolved (mg/L)	 0.00188
Silver - Dissolved (mg/L)	 <0.0050
Sodium - Dissolved (mg/L)	 39.6
Sulfate - Total (mg/L)	 723
Thallium - Dissolved (mg/L)	 <0.00100
Total Dissolved Solids (mg/L)	 1270
Uranium - Dissolved (mg/L)	 0.0293
Vanadium - Dissolved (mg/L)	 <0.0050
Zinc - Dissolved (mg/L)	 <0.0100

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: VIN 2A-270 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3H0065-04
Sample Date	-	8/2/2023
Lab Test Date	-	8/31/2023
Sampled By	-	PB

Aluminium - Dissolved (mg/L)	7.0000	<0.080
Ammonia (mg/L)		0.148
Antimony - Dissolved (mg/L)	0.0060	<0.00200
Arsenic - Dissolved (mg/L)	0.0100	<0.00200
Barium - Dissolved (mg/L)	2.0000	0.0084
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)		7.23
Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cobalt - Dissolved (mg/L)	0.0500	0.0087
Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - Free (mg/L)	0.2000	<0.0050
Cyanide - Total (mg/L)		0.0114
Cyanide - WAD (mg/L)	0.2000	<0.0050
Fluoride - Total F (mg/L)	2.0000	0.203
Iron - Dissolved (mg/L)	14.0000	0.104
Lead - Dissolved (mg/L)	0.0500	<0.0075
Lithium - Dissolved (mg/L)	2.5000	<0.040
Manganese - Dissolved (mg/L)	3.0000	0.282
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	7.65
Selenium - Dissolved (mg/L)	0.0240	<0.00200
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)		23.8
Sulfate - Total (mg/L)	250.00	695
Thallium - Dissolved (mg/L)	0.0020	<0.000400
Total Dissolved Solids (mg/L)		1040
Uranium - Dissolved (mg/L)	0.0300	0.00291
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	0.533

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: VIN 2B-140 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0161-02
Sample Date	-	7/12/2023
Lab Test Date	-	7/31/2023
Sampled By	-	PB

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	0.0093
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)		10.8
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	0.157
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)	4.0000	2.97
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	6.49
Selenium - Dissolved (mg/L)	0.0240	<0.00100
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)		33.7
Sulfate - Total (mg/L)	800.00	762
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)		1050
Uranium - Dissolved (mg/L)	0.0300	0.000148
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: WCMW 3-134 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0161-07
Sample Date	-	7/12/2023
Lab Test Date	-	7/31/2023
Sampled By	-	PB

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	0.0693
Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Boron - Dissolved (mg/L)	0.7500	<0.0400
Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Chloride - Total (mg/L)		1.11
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	0.761
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	0.0104
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	7.62
Selenium - Dissolved (mg/L)	0.0240	0.00337
Silver - Dissolved (mg/L)	0.0500	<0.0050
Sodium - Dissolved (mg/L)		10.0
Sulfate - Total (mg/L)	250.00	26.9
Thallium - Dissolved (mg/L)	0.0020	<0.00100
Total Dissolved Solids (mg/L)		230
Uranium - Dissolved (mg/L)	0.0300	0.00655
Vanadium - Dissolved (mg/L)	0.1000	<0.0050
Zinc - Dissolved (mg/L)	2.0000	<0.0100

^{*} Standard is for Reference Only

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

SAMPLE LOCATION: WCMW 6-234 Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0161-05
Sample Date	-	7/12/2023
Lab Test Date	-	7/31/2023
Sampled By	-	PB

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 0.0444 Barium - Dissolved (mg/L) 2.0000 0.0464 Beryllium - Dissolved (mg/L) 0.0040 <0.00200 Boron - Dissolved (mg/L) 0.7500 <0.0400 Cadmium - Dissolved (mg/L) 0.0050 <0.0020 Chloride - Total (mg/L) 2.20 Chromium - Dissolved (mg/L) 0.1000 <0.0060 Cobalt - Dissolved (mg/L) 0.0500 <0.0060 Copper - Dissolved (mg/L) 0.2000 <0.0060 Cyanide - Free (mg/L) 0.2000 <0.0050 Cyanide - Free (mg/L) 0.2000 <0.0050 Cyanide - Total (mg/L) 0.2000 <0.0050 Cyanide - Total (mg/L) 0.2000 <0.0050 Cyanide - WAD (mg/L) 0.2000 <0.0050 Cyanide - Total (mg/L) 0.2000 <0.0050 Iron - Dissolved (mg/L) 0.0000			
Antimony - Dissolved (mg/L)	Aluminium - Dissolved (mg/L)	7.0000	<0.080
Arsenic - Dissolved (mg/L) 0.0100 0.0413 Barium - Dissolved (mg/L) 2.0000 0.0464 Beryllium - Dissolved (mg/L) 0.0040 <0.00200	` ` ,		<0.030
Barium - Dissolved (mg/L) 2.0000 0.0464 Beryllium - Dissolved (mg/L) 0.0040 <0.00200	` ` ` ,	0.0060	<0.00100
Beryllium - Dissolved (mg/L) 0.0040 <0.00200	Arsenic - Dissolved (mg/L)	0.0100	0.00413
Boron - Dissolved (mg/L)	Barium - Dissolved (mg/L)	2.0000	0.0464
Cadmium - Dissolved (mg/L) 0.0050 <0.0020	Beryllium - Dissolved (mg/L)	0.0040	<0.00200
Chloride - Total (mg/L) 2.20 Chromium - Dissolved (mg/L) 0.1000 <0.0060	Boron - Dissolved (mg/L)	0.7500	<0.0400
Chromium - Dissolved (mg/L) 0.1000 <0.0060 Cobalt - Dissolved (mg/L) 0.0500 <0.0060	Cadmium - Dissolved (mg/L)	0.0050	<0.0020
Cobalt - Dissolved (mg/L) 0.0500 <0.0060	Chloride - Total (mg/L)		2.20
Copper - Dissolved (mg/L) 0.2000 <0.0100	Chromium - Dissolved (mg/L)	0.1000	<0.0060
Cyanide - Free (mg/L) 0.2000 <0.0050	Cobalt - Dissolved (mg/L)	0.0500	<0.0060
Cyanide - Total (mg/L) <0.0050	Copper - Dissolved (mg/L)	0.2000	<0.0100
Cyanide - WAD (mg/L) 0.2000 <0.0050	Cyanide - Free (mg/L)	0.2000	<0.0050
Fluoride - Total F (mg/L) 2.0000 2.06 Iron - Dissolved (mg/L) 14.0000 0.786 Lead - Dissolved (mg/L) 0.0500 <0.0075			<0.0050
Iron - Dissolved (mg/L) 14.0000 0.786 Lead - Dissolved (mg/L) 0.0500 <0.0075	Cyanide - WAD (mg/L)	0.2000	< 0.0050
Lead - Dissolved (mg/L) 0.0500 <0.0075	Fluoride - Total F (mg/L)	2.0000	2.06
Lithium - Dissolved (mg/L) 2.5000 <0.040	Iron - Dissolved (mg/L)	14.0000	0.786
Manganese - Dissolved (mg/L) 0.2000 0.166 Mercury - Dissolved (mg/L) 0.00200000 <0.000200	Lead - Dissolved (mg/L)	0.0500	<0.0075
Mercury - Dissolved (mg/L) 0.00200000 <0.000200	Lithium - Dissolved (mg/L)	2.5000	<0.040
Molybdenum - Dissolved (mg/L) 0.2100 0.0105 Nickel - Dissolved (mg/L) 0.2000 <0.0100	Manganese - Dissolved (mg/L)	0.2000	0.166
Nickel - Dissolved (mg/L) 0.2000 <0.0100	Mercury - Dissolved (mg/L)	0.00200000	<0.000200
Nitrate as Nitrogen (mg/L) 10.0000 <0.050	Molybdenum - Dissolved (mg/L)	0.2100	0.0105
Nitrite + Nitrate as Nitrogen (mg/L) 11.0000 <0.100	Nickel - Dissolved (mg/L)	0.2000	<0.0100
Nitrite as Nitrogen (mg/L) 1.0000 <0.050	Nitrate as Nitrogen (mg/L)	10.0000	< 0.050
pH Field (pH unit) 6.50-8.50 7.05 Selenium - Dissolved (mg/L) 0.0240 <0.00100	Nitrite + Nitrate as Nitrogen (mg/L)	11.0000	<0.100
Selenium - Dissolved (mg/L) 0.0240 <0.00100	Nitrite as Nitrogen (mg/L)	1.0000	<0.050
Silver - Dissolved (mg/L) 0.0500 <0.0050	pH Field (pH unit)	6.50-8.50	
Sodium - Dissolved (mg/L) 18.9 Sulfate - Total (mg/L) 250.00 65.9 Thallium - Dissolved (mg/L) 0.0020 <0.00100	Selenium - Dissolved (mg/L)	0.0240	<0.00100
Sulfate - Total (mg/L) 250.00 65.9 Thallium - Dissolved (mg/L) 0.0020 <0.00100	Silver - Dissolved (mg/L)	0.0500	<0.0050
Thallium - Dissolved (mg/L) 0.0020 <0.00100	Sodium - Dissolved (mg/L)		18.9
Total Dissolved Solids (mg/L) 167 Uranium - Dissolved (mg/L) 0.0300 0.00176 Vanadium - Dissolved (mg/L) 0.1000 <0.0050	Sulfate - Total (mg/L)	250.00	65.9
Uranium - Dissolved (mg/L) 0.0300 0.00176 Vanadium - Dissolved (mg/L) 0.1000 <0.0050	Thallium - Dissolved (mg/L)	0.0020	<0.00100
Vanadium - Dissolved (mg/L) 0.1000 <0.0050	Total Dissolved Solids (mg/L)		167
, ,	Uranium - Dissolved (mg/L)	0.0300	0.00176
Zinc - Dissolved (mg/L) 2.0000 <0.0100	Vanadium - Dissolved (mg/L)	0.1000	<0.0050
	Zinc - Dissolved (mg/L)	2.0000	<0.0100

^{*} Standard is for Reference Only



Cripple Creek & Victor Gold Mining Company 100 North 3rd Street P.O. Box 191 Victor, Colorado 80860 P 719.689.2977 F 719.689.3254 newmont.com

Surface Water

	AG 2	2.0	
	_	Sample Date:	8/2/2023
	Data for Calculations:	1	
рН		td units	
Hardness	46.4 m		
Temperature	16.2 Ce	_	
Regulation 32 ((5 CCR 1002-32) COARUA22A S	Standards	AG2.0 Results
Physical	Acute	Chronic	Physical
pH (std. units)	6.0 - 9.0		7.35
Temperature (°C)	< 21.7	< 17	16.2
Inorganic	Acute (mg/L)	Chronic (mg/L)	Inorganic
Ammonia	16.413	4.405	<0.03
Boron		0.750	<0.04
Chloride			10.6
Chlorine	0.019	0.011	
Cyanide (Free)	0.005		<0.005
Fluoride			2.41
Nitrate	100.000		0.095
Nitrite		0.050	<0.05
Sulfide		0.002	
Sulfate			17.7
Phosporus		0.110	<0.05
Metals	Acute (mg/L)	Chronic (mg/L)	Metals
Aluminum	11.00000	11.00000	0.097
Arsenic	0.34000		<0.002
Arsenic (T)		0.10000	<0.001
Cadmium	0.00087	0.00040	<0.0002
Chromium (III)	0.30379	0.03952	
Chromium (III) (T)		0.10000	
Hexavalent Chromium	0.01600	0.01100	
Copper	0.00652	0.00465	<0.0008
Iron (T)		1.00000	0.687
Lead	0.02774	0.00108	<0.0004
Manganese	5.90300	3.67400	0.118
Mercury (T)		0.00001	<0.0002
Molybdenum (T)		0.15000	
Nickel	0.24453	0.02716	<0.01
Selenium	0.01840	0.00460	<0.002
Silver	0.00054	0.00009	<0.00016
Uranium	1.03059	0.64374	<0.0002
Zinc	3.50000	0.60000	<0.01

^{*} Hardness exceeds maximum value of 400 mg/L for use in equations per Colorado Regulation 32.

**Bold text indicates that an Acute and/or Chronic standard has been exceeded.

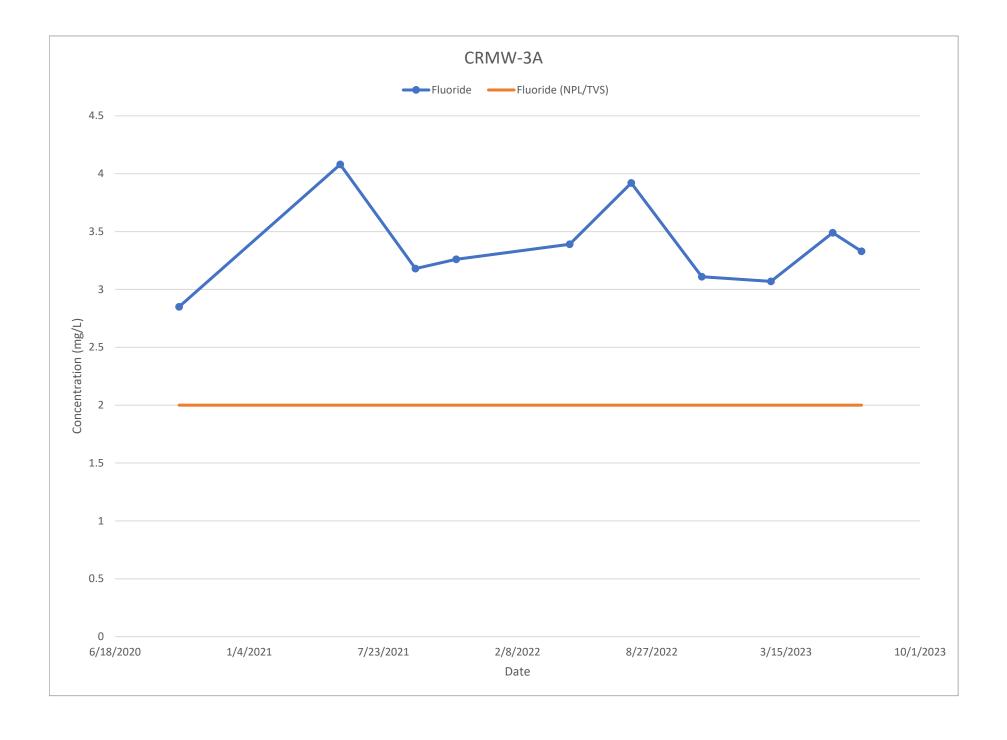
	GV	'-02	
		Sample Date:	8/2/2023
	Data for Calculations:		
рН		std units	
Hardness*	400	_	
Temperature	12.4	Celsius	
Regulation 32 (5 CCR 1002-32) COARUA24	Standards	GV-02 Results
Physical	Acute	Chronic	Physical
pH (std. units)	6.5 - 9.0		4.24
Temperature (°C)	< 21.7	< 17	12.4
Inorganic	Acute (mg/L)	Chronic (mg/L)	Inorganic
Ammonia	7.085482988	38.95797383	<0.03
Boron	0.750		<0.04
Chloride	250.000		27.2
Chlorine	0.011	0.019	
Cyanide (Free)		0.005	<0.005
Fluoride			8.59
Nitrate		10.000	<0.05
Nitrite	0.050		<0.05
Sulfide	0.002		
Sulfate	250.000		1140
Phosporus	0.110		<0.05
Metals	Acute (mg/L)	Chronic (mg/L)	Metals
Arsenic	0.34000		<0.002
Arsenic (T)		0.00002	<0.001
Cadmium	0.00654	0.00203	0.0221
Cadmium (T)	0.00500		
Chromium (III)		0.23067	
Chromium (III) (T)	0.05000		
Hexavalent Chromium	0.01600	0.01100	
Copper	0.04962	0.02928	0.00165
Iron		0.30000	0.603
Iron (T)		1.00000	0.56
Lead	0.28085	0.01094	<0.0004
Lead (T)	0.05000		
Manganese	4.73794	2.61771	35.4
Mercury (T)		0.00001	<0.0002
Molybdenum (T)		0.15000	
Nickel	1.51289	0.16804	0.577
Nickel (T)		0.10000	
Selenium	0.01840	0.00460	<0.002
Silver	0.02202	0.00081	<0.00016
Uranium	11.06999	6.91462	0.000431
Zinc	0.56447	0.42754	8.09

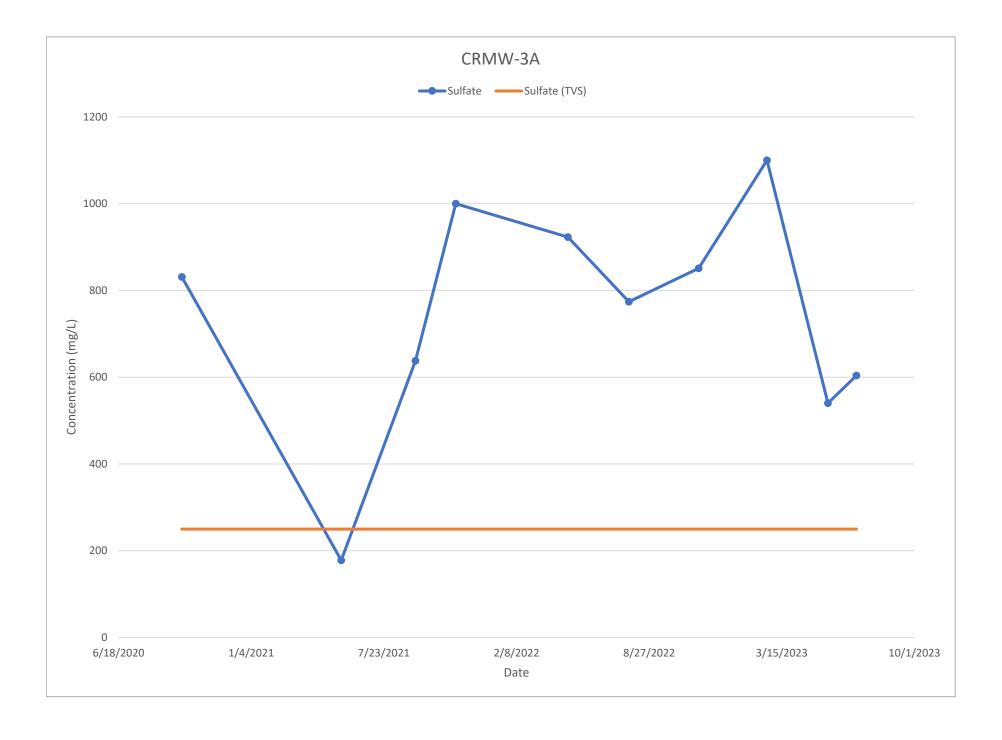
^{*} Hardness exceeds maximum value of 400 mg/L for use in equations per Colorado Regulation 32. **Bold** text indicates that an Acute and/or Chronic standard has been exceeded.

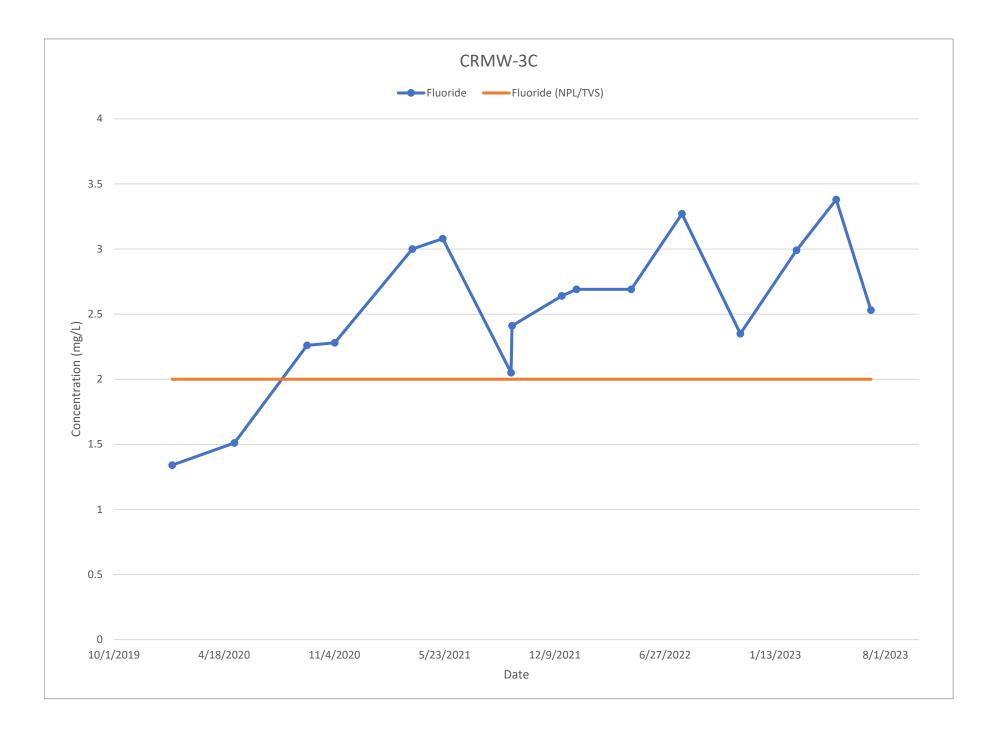


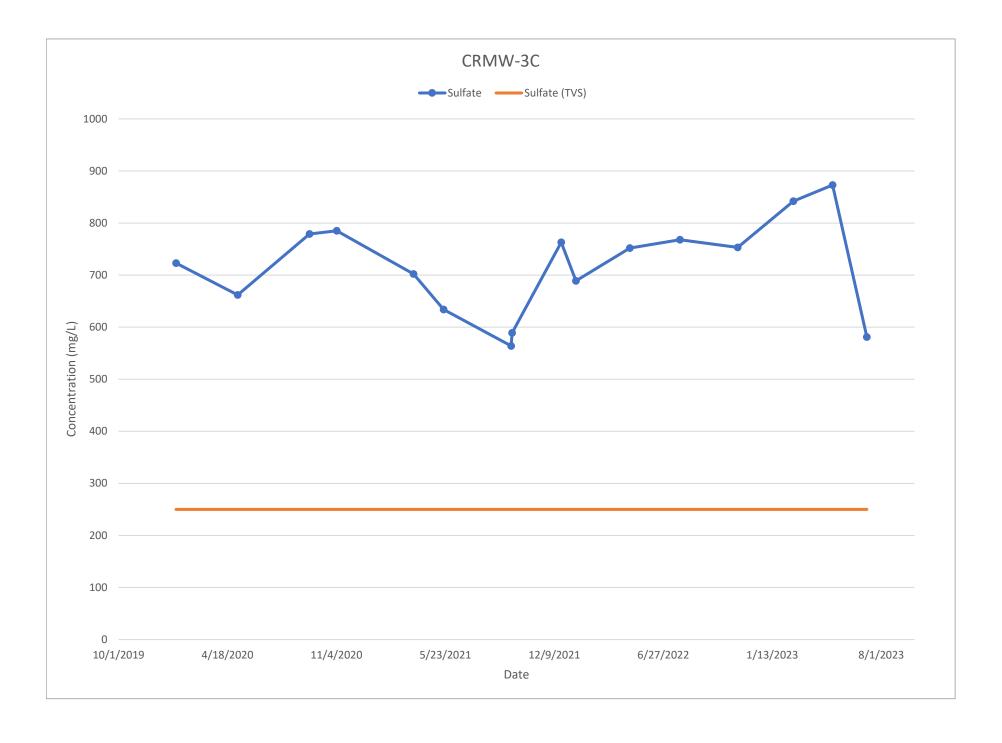
Cripple Creek & Victor Gold Mining Company 100 North 3rd Street P.O. Box 191 Victor, Colorado 80860 P 719.689.2977 F 719.689.3254 newmont.com

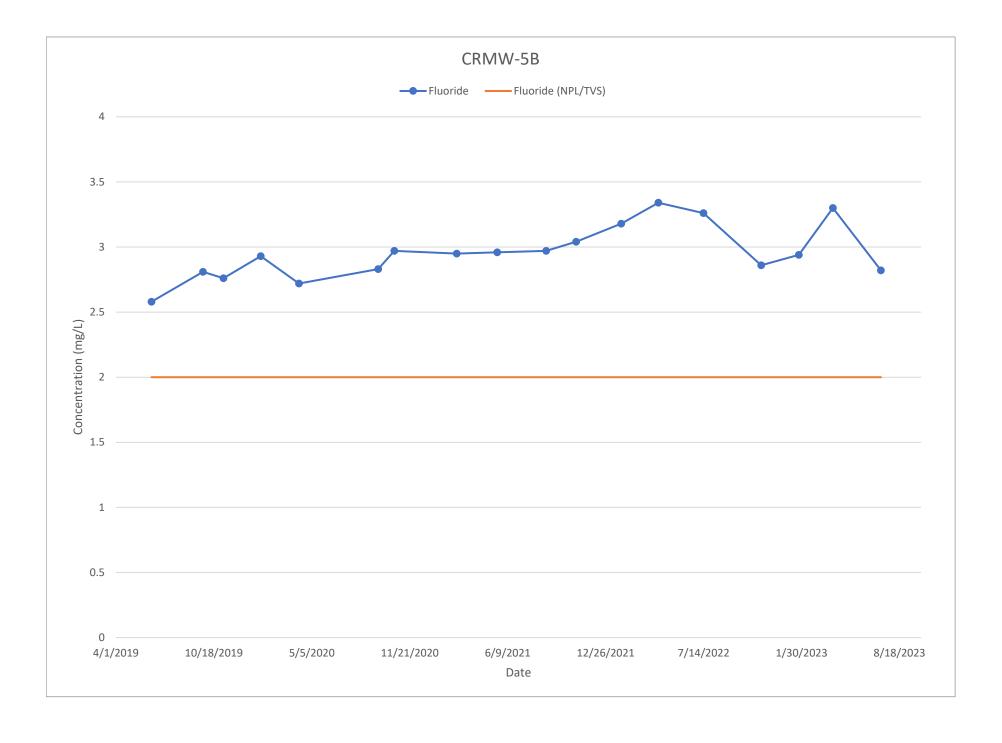
Graphs

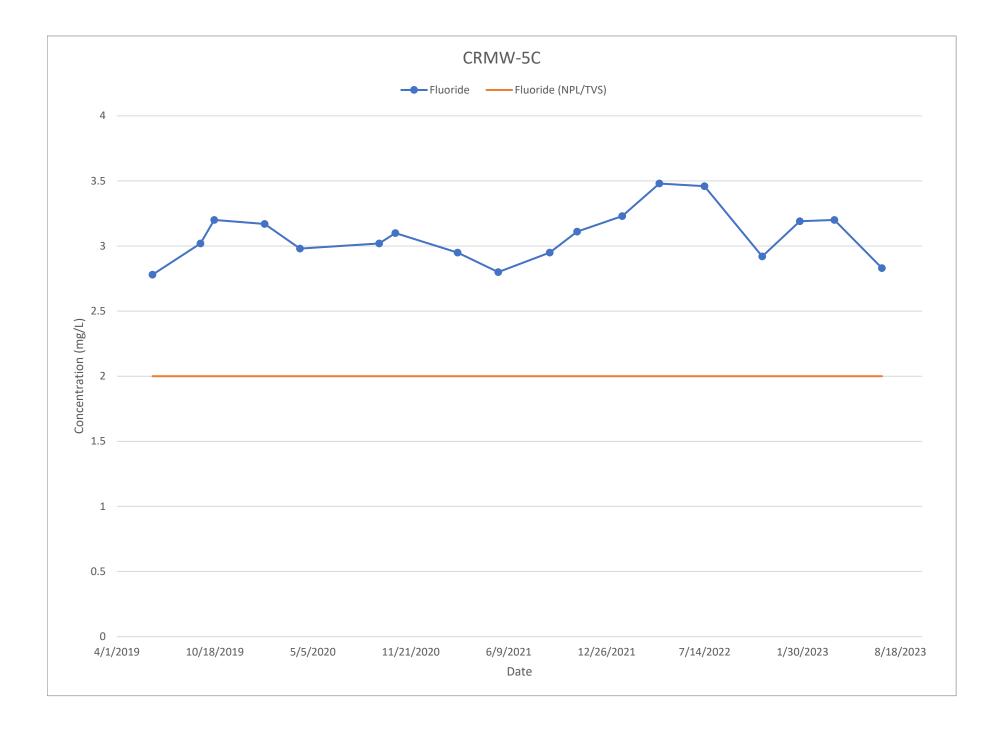


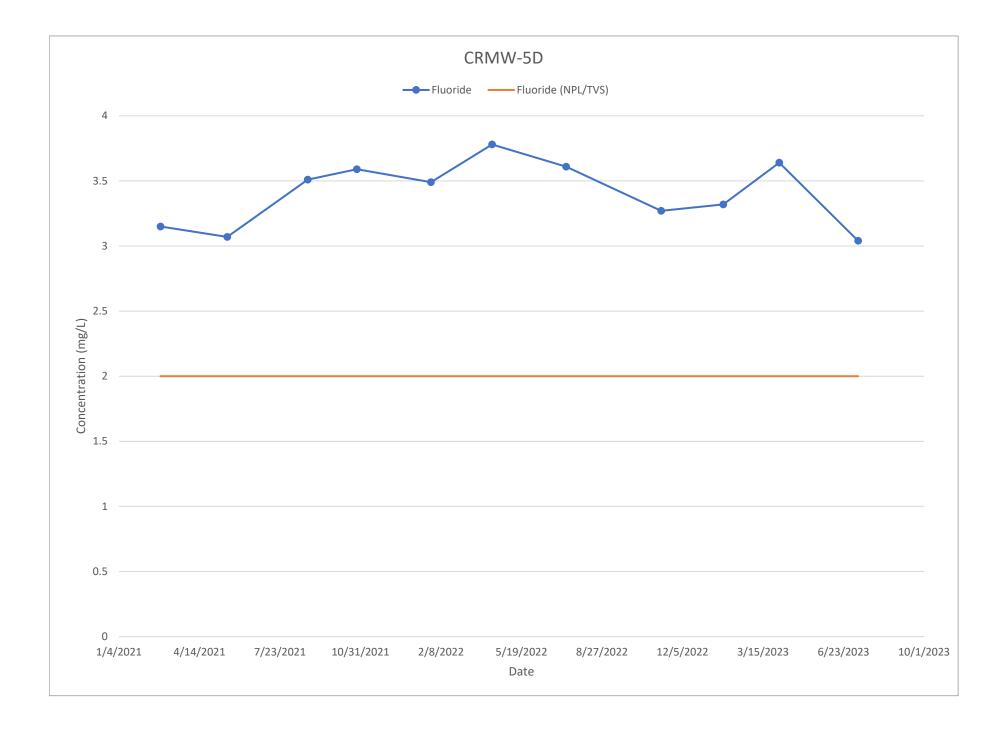


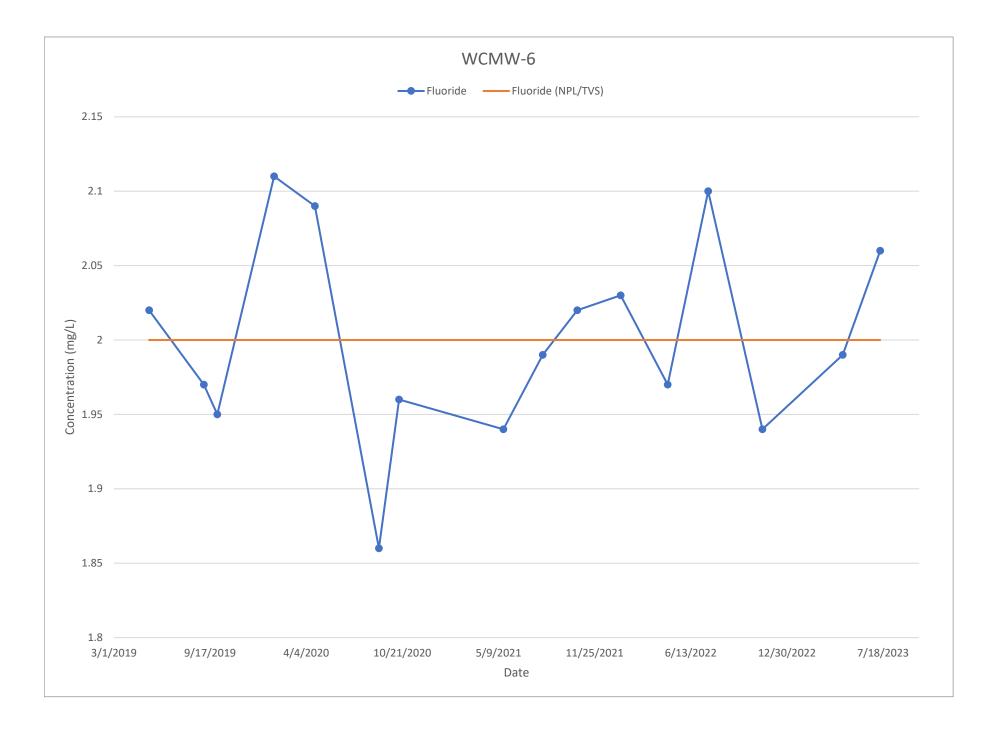


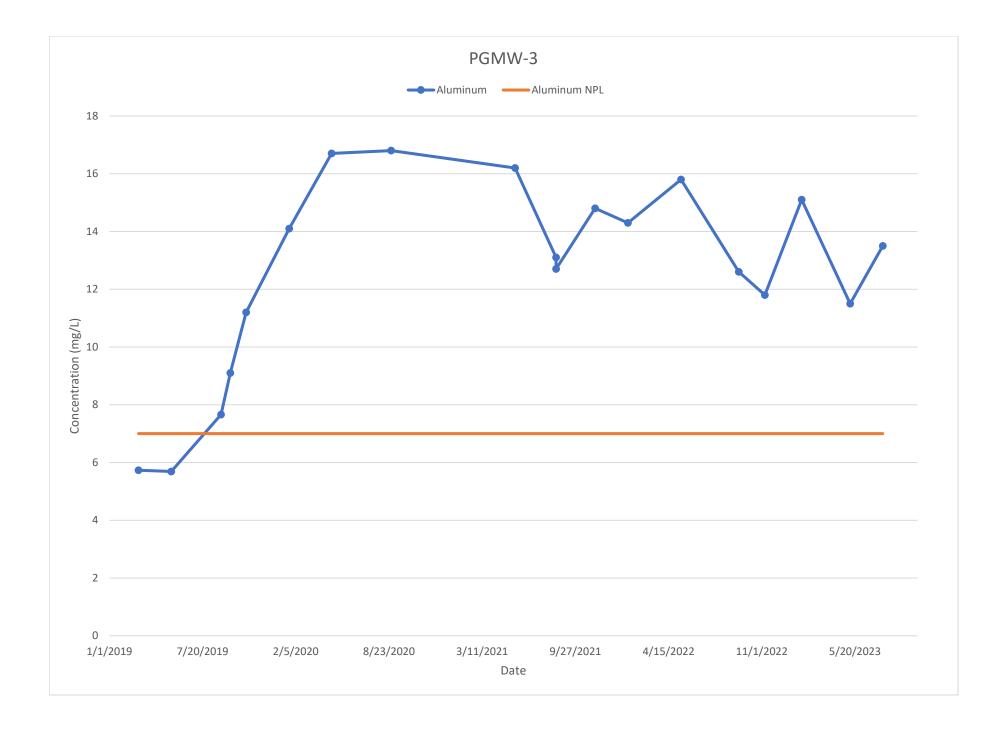


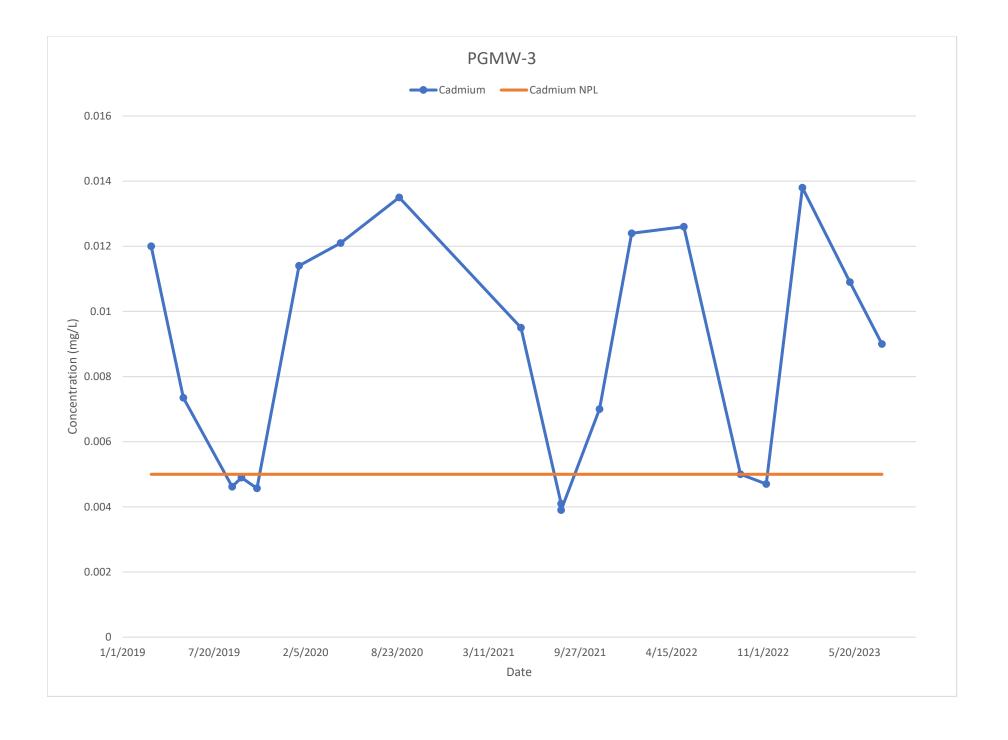


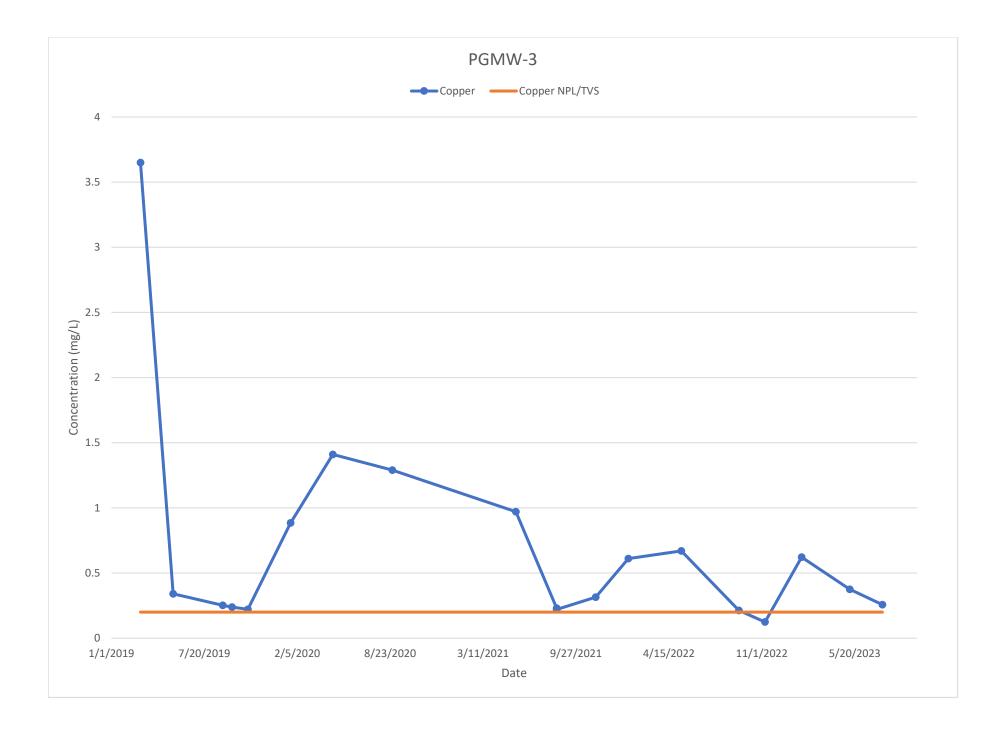


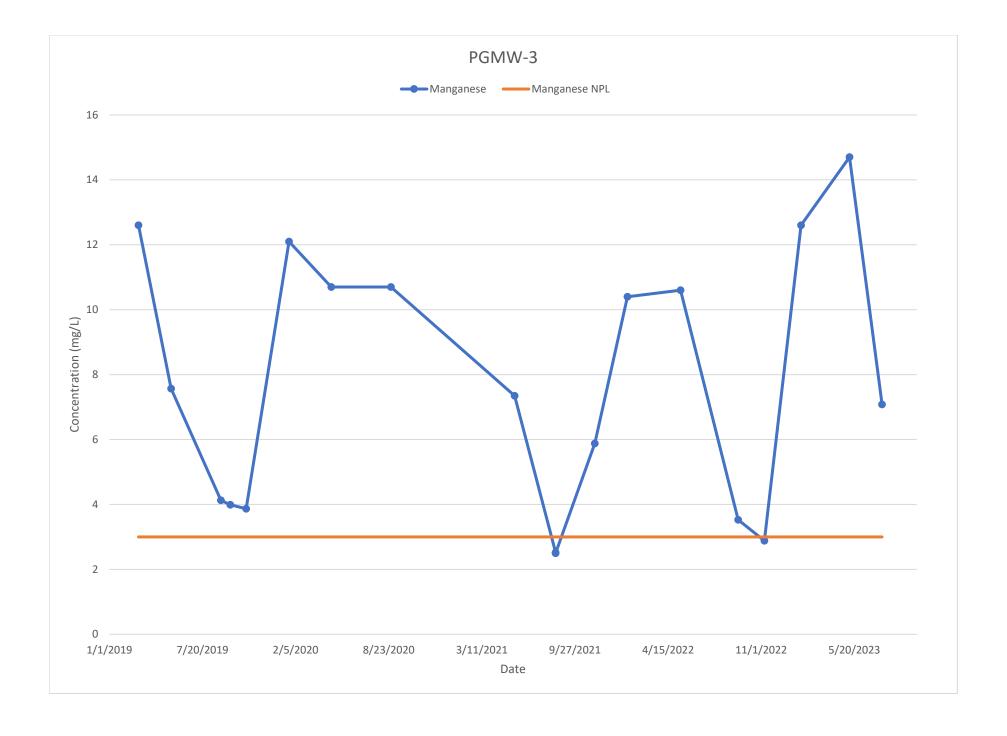


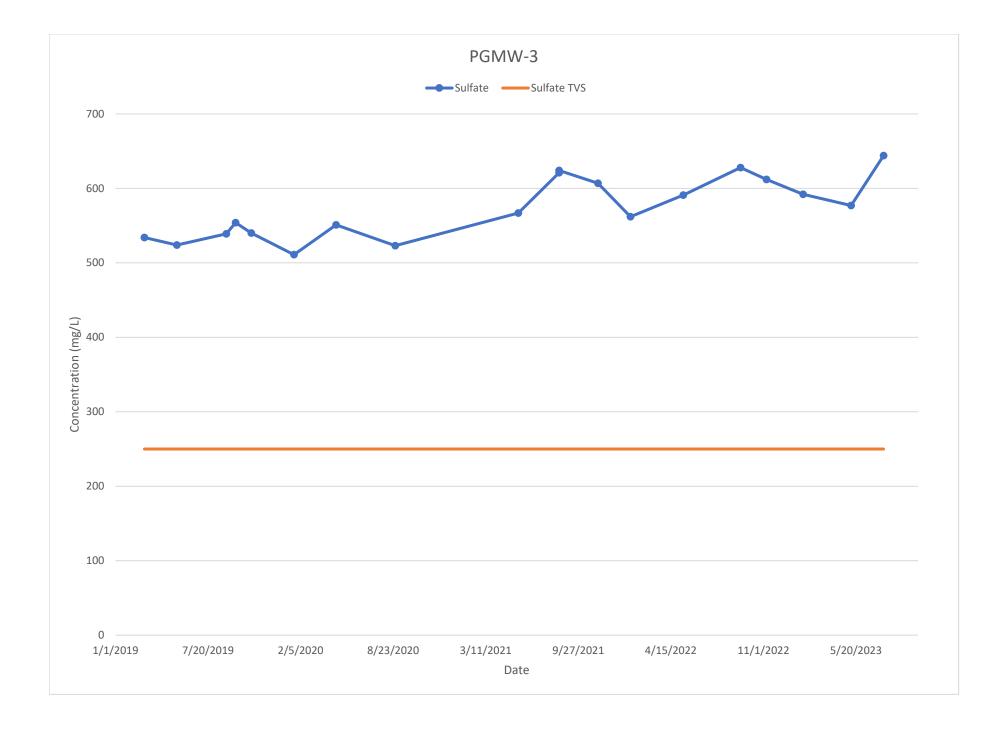


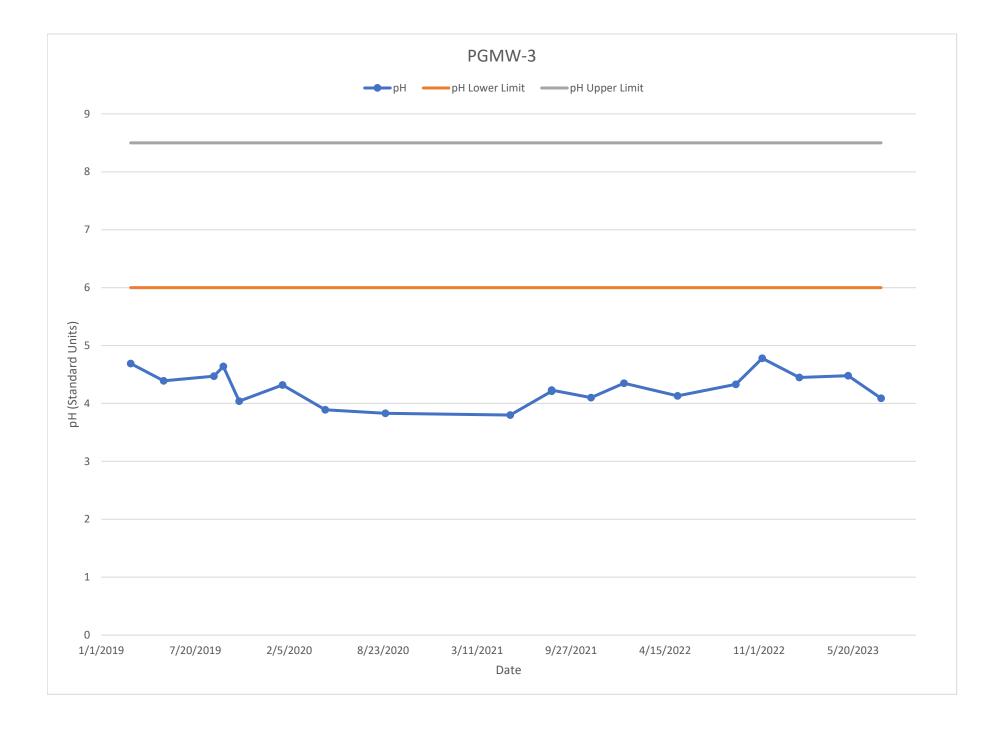


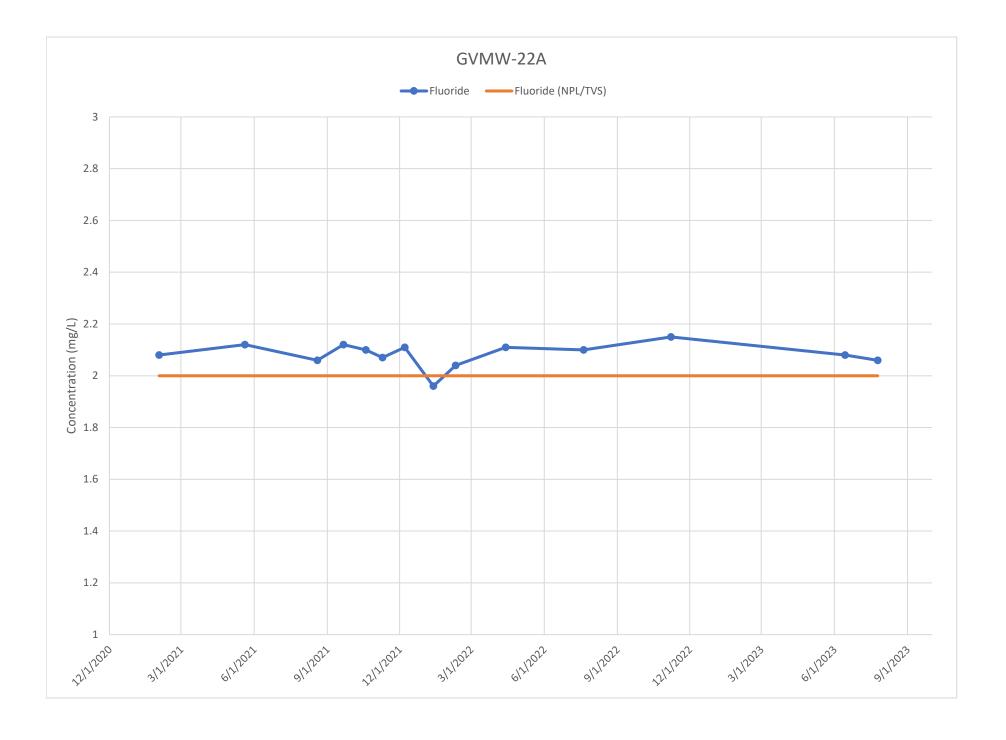


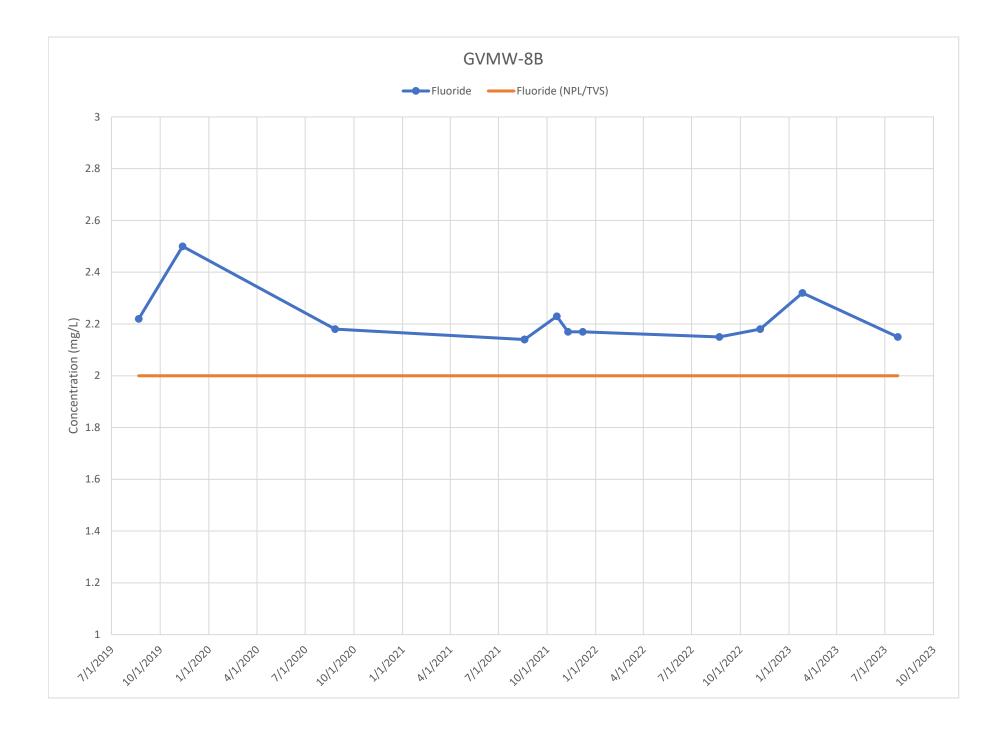


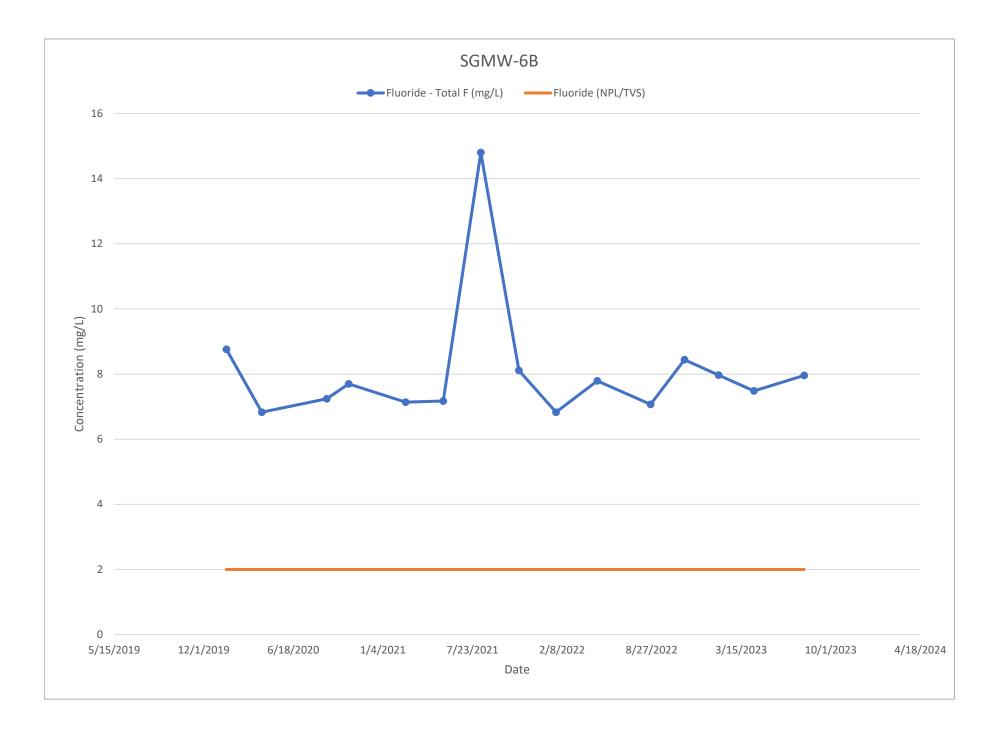


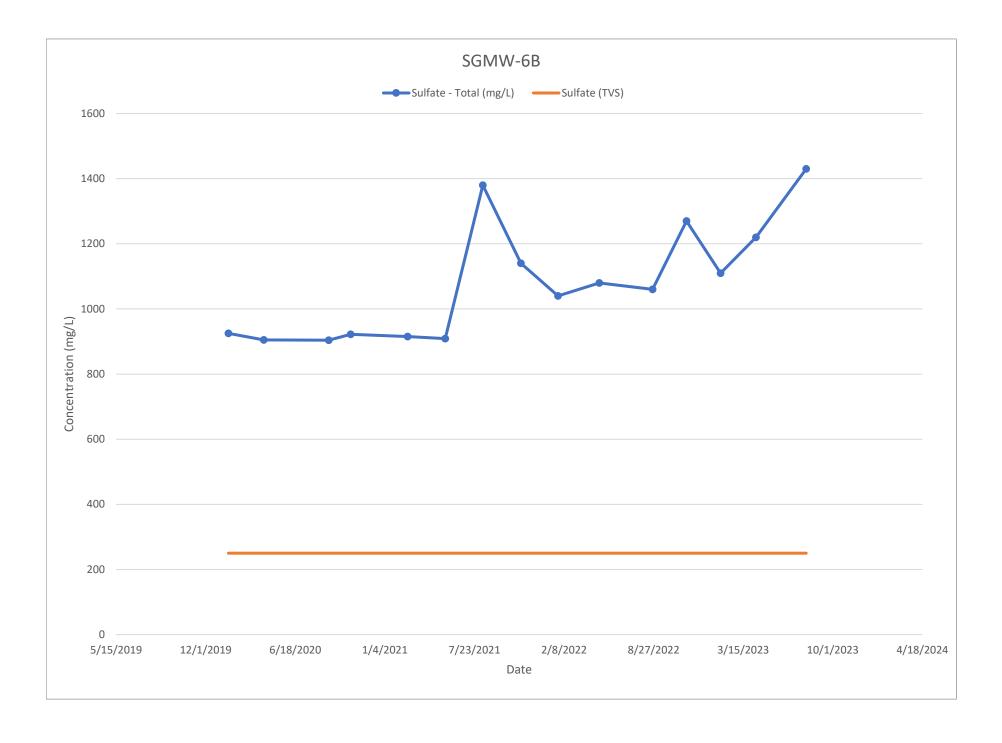


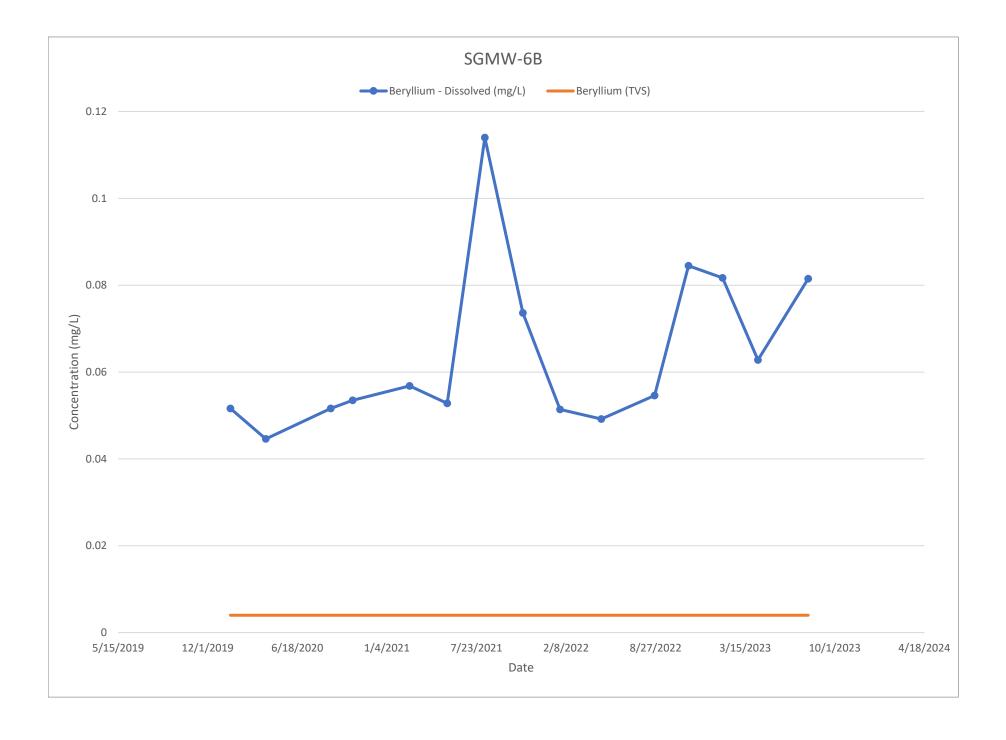


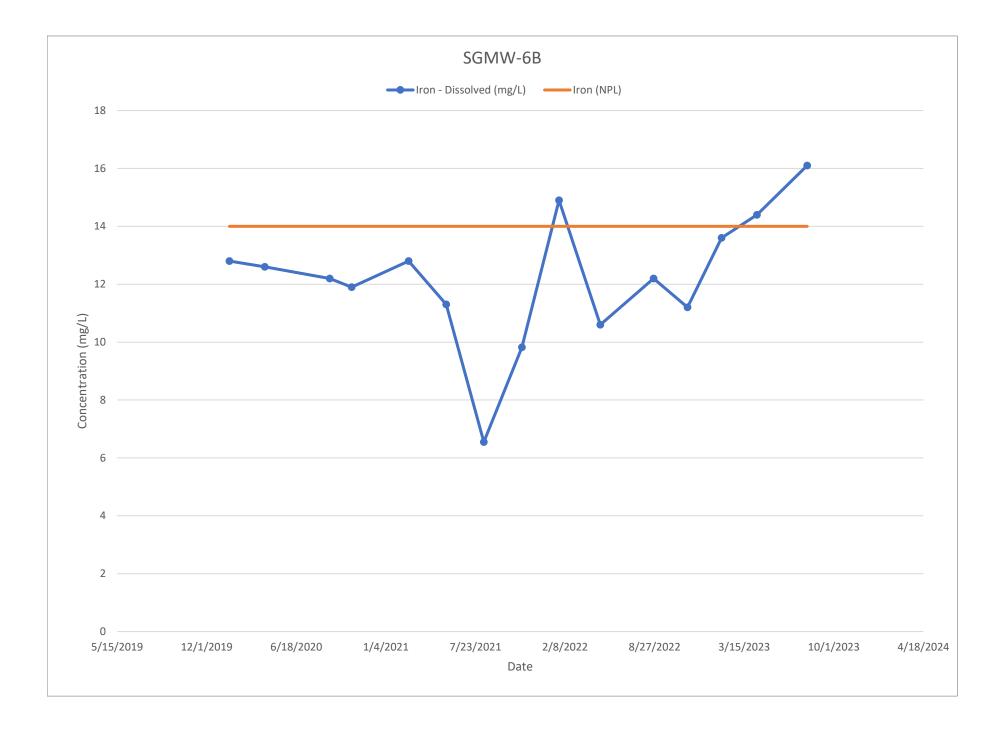


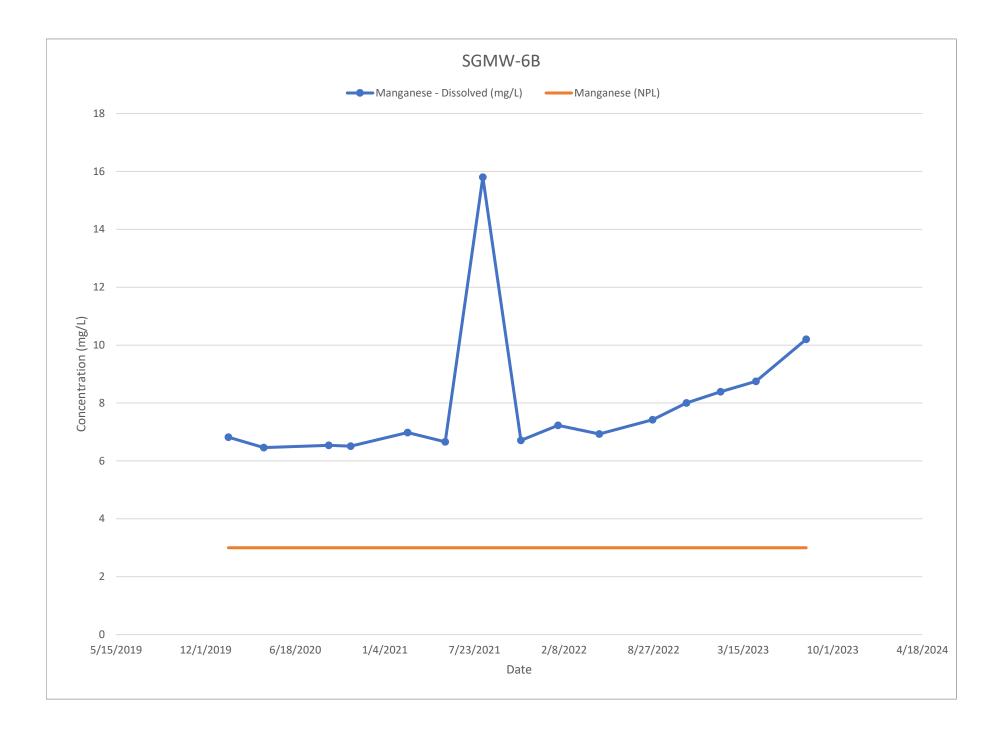


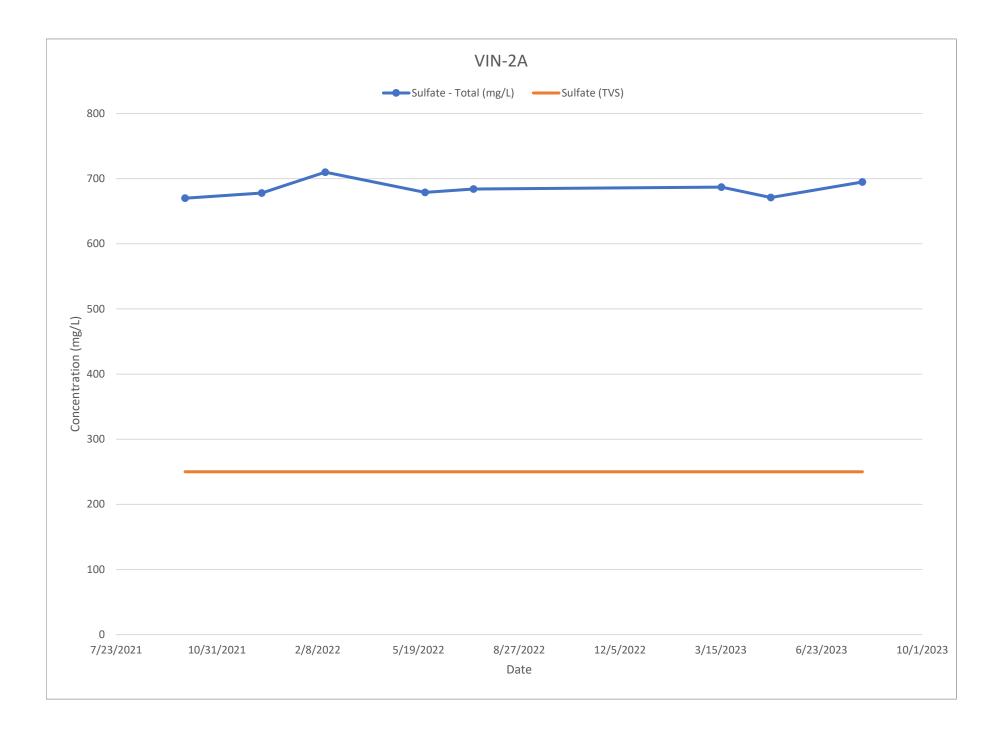


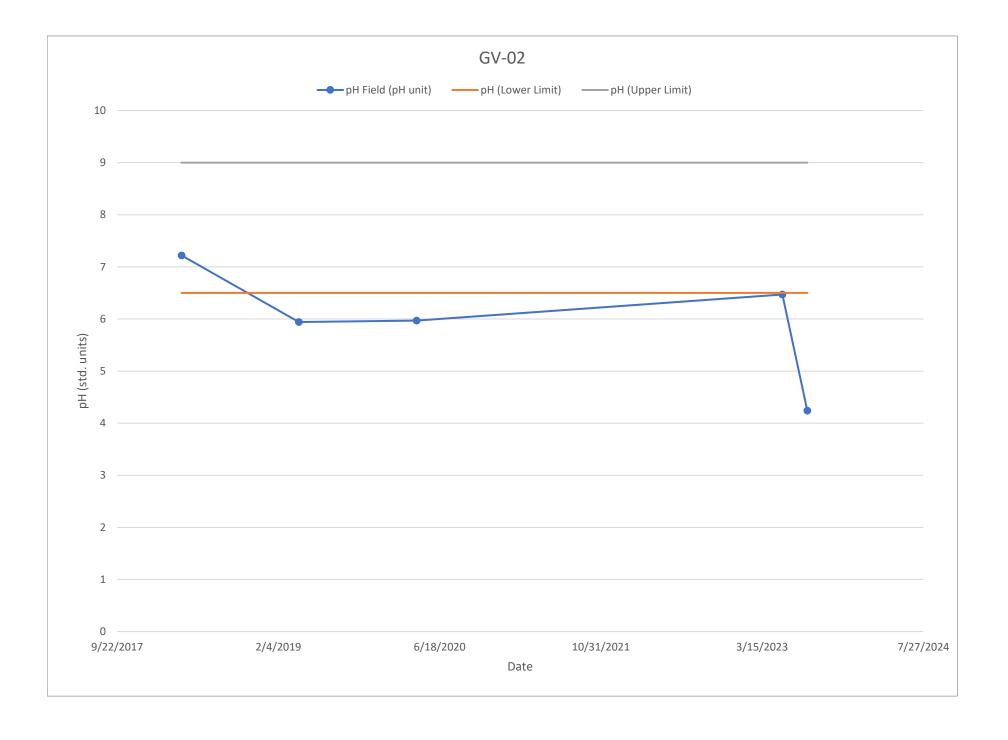


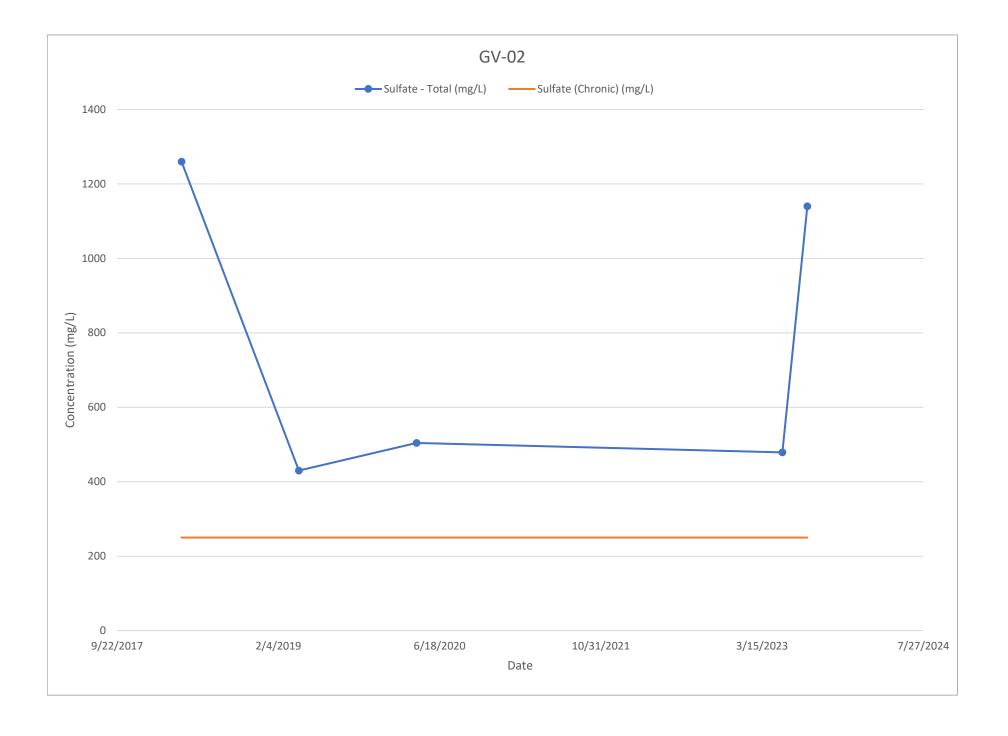


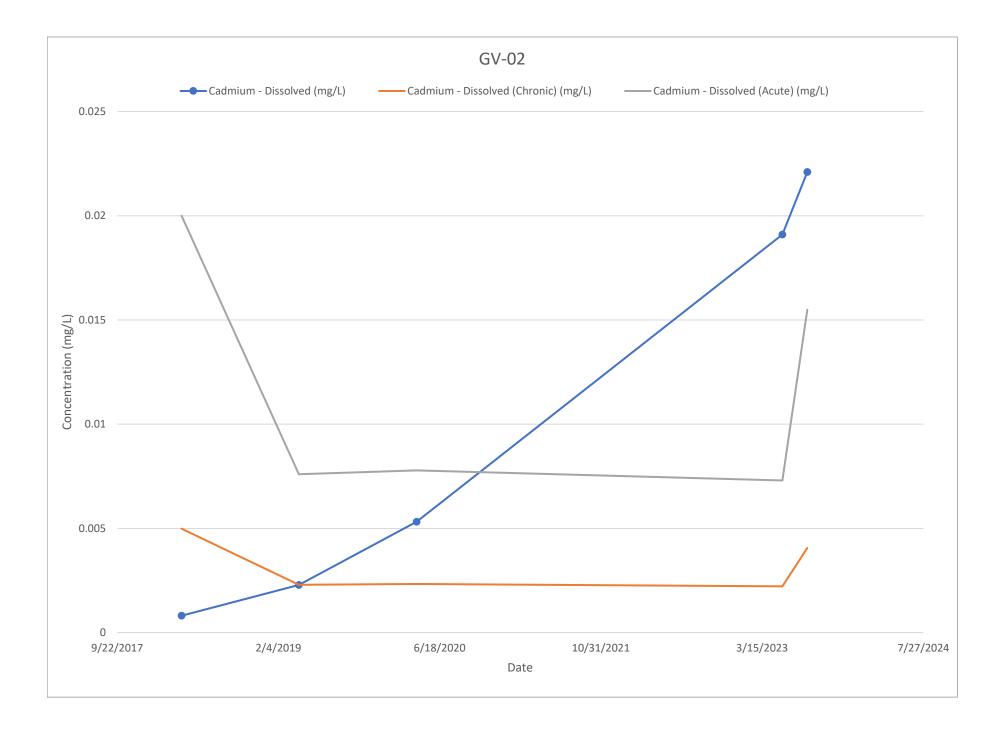


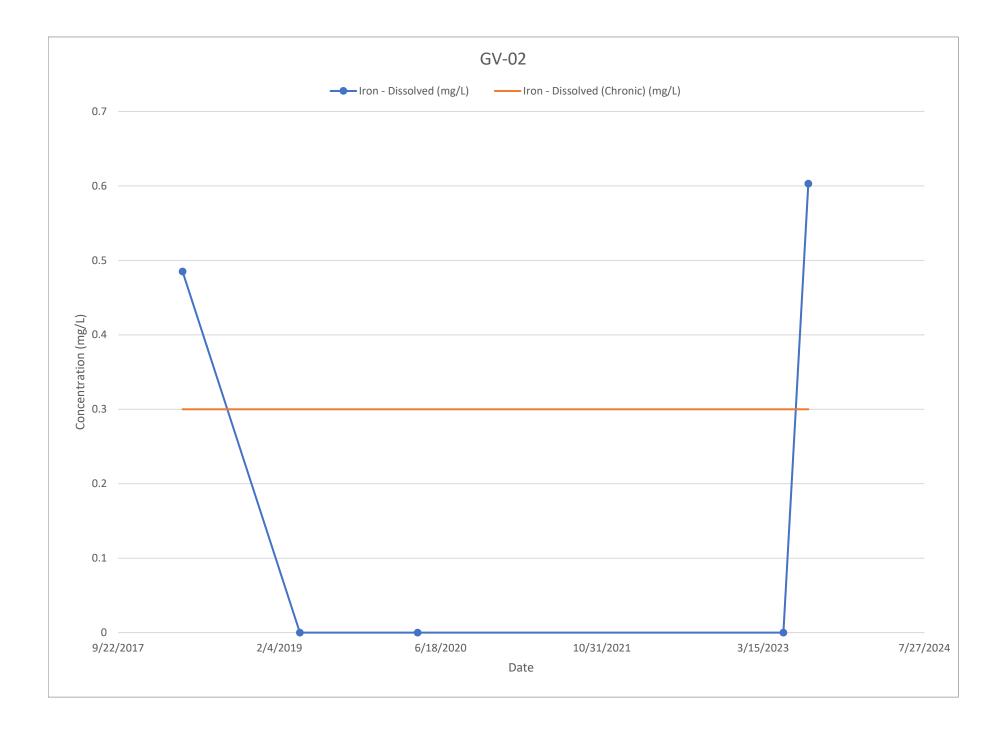


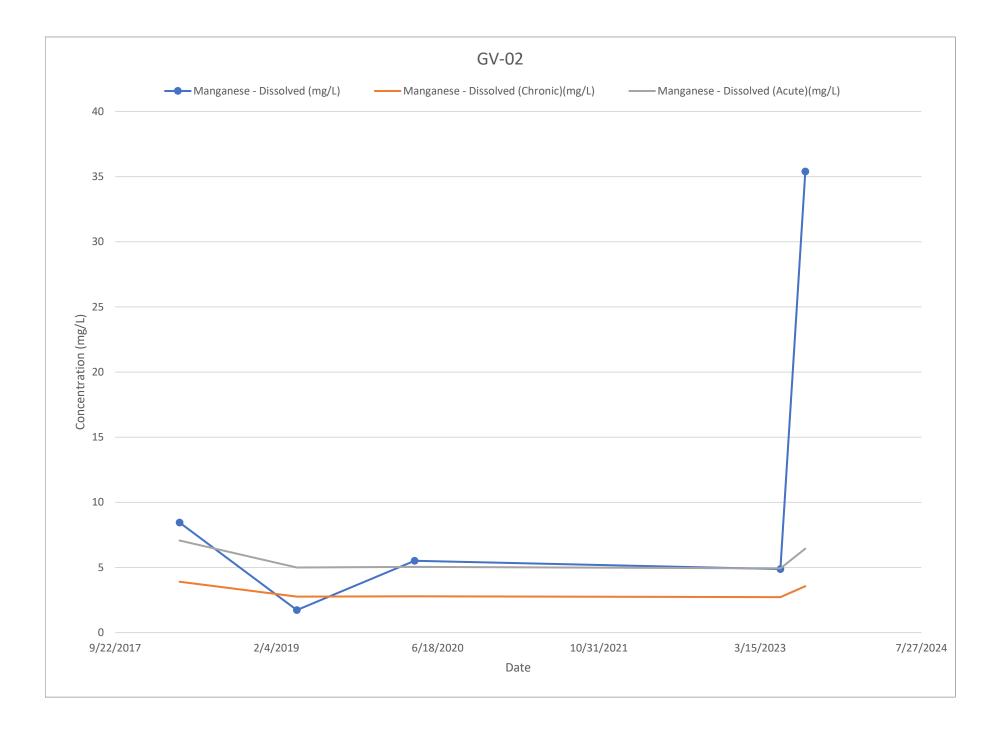


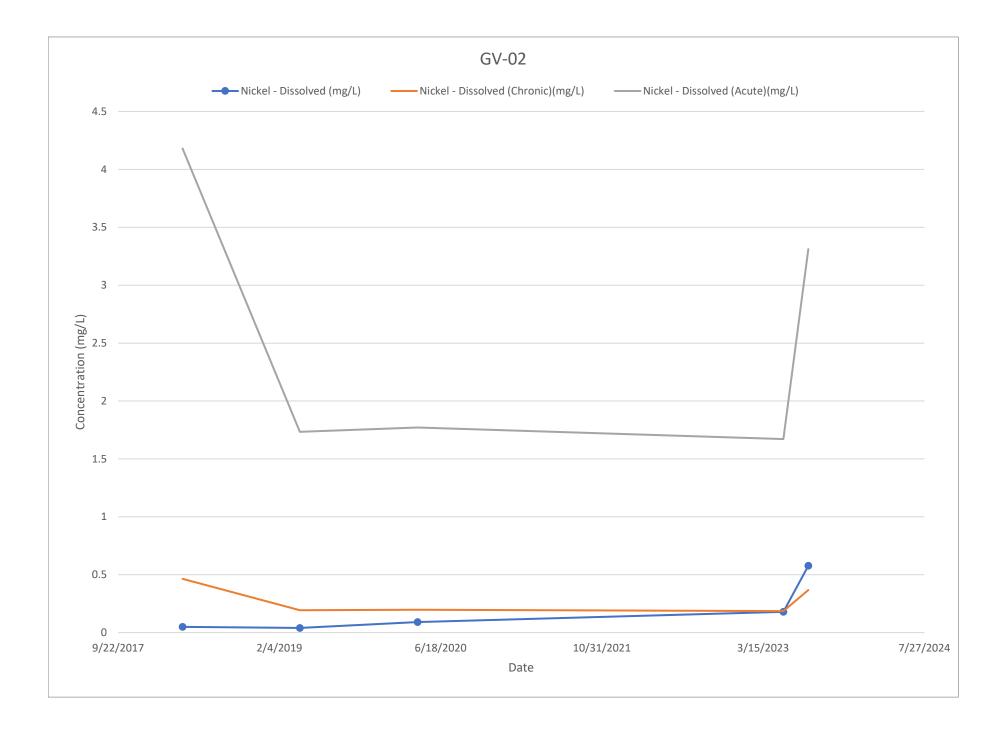




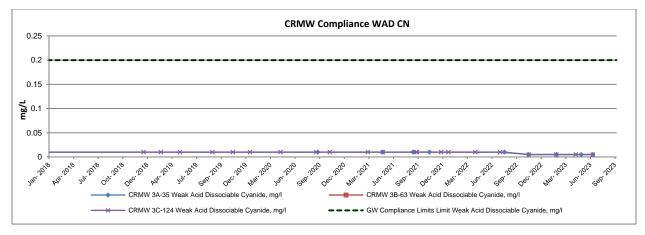


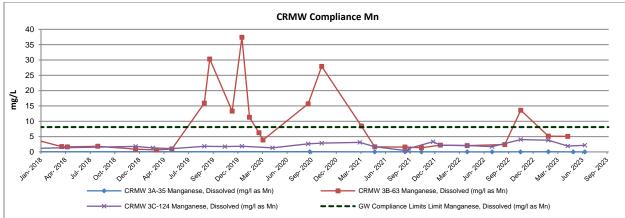


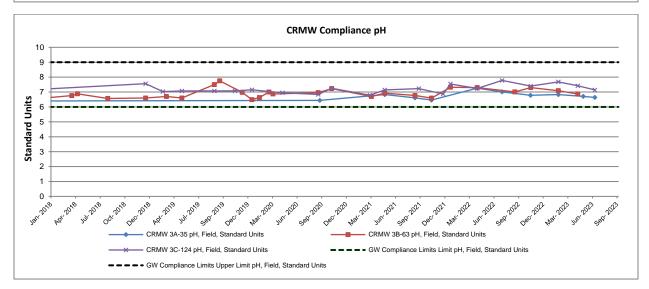


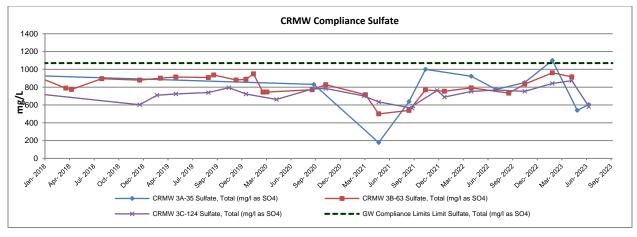


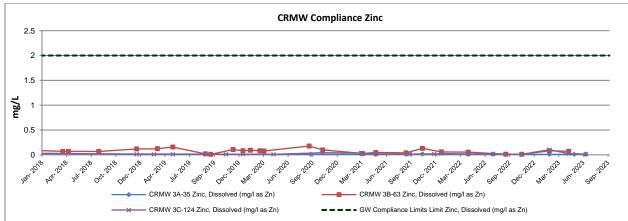


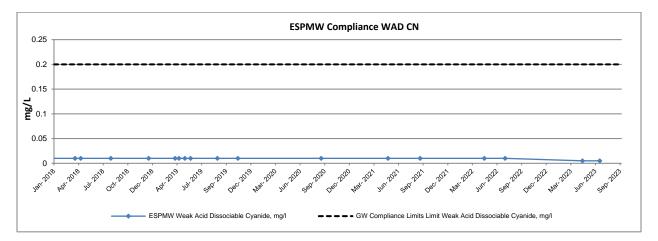


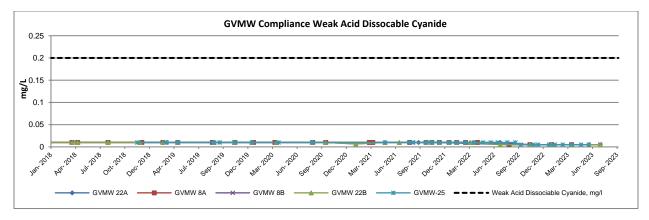


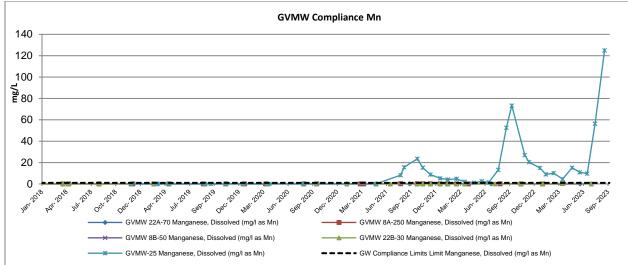


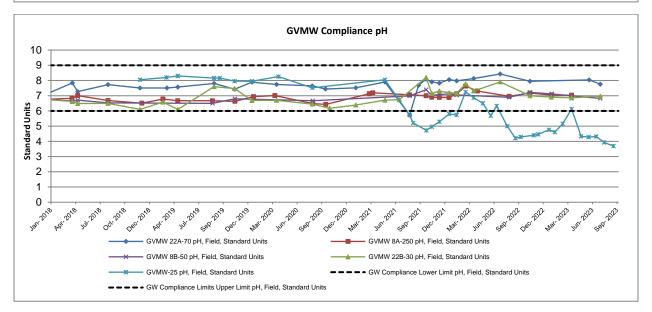


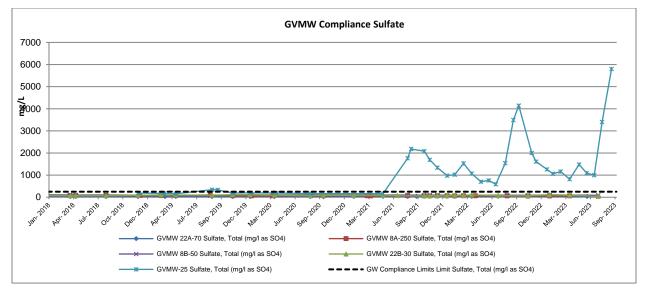


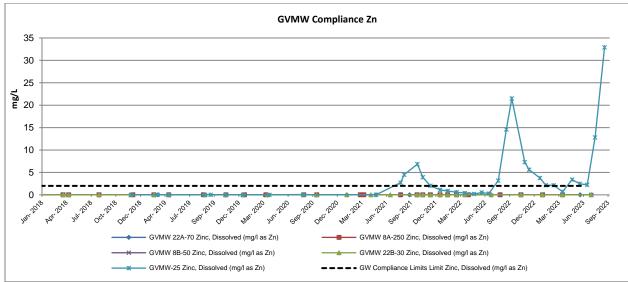


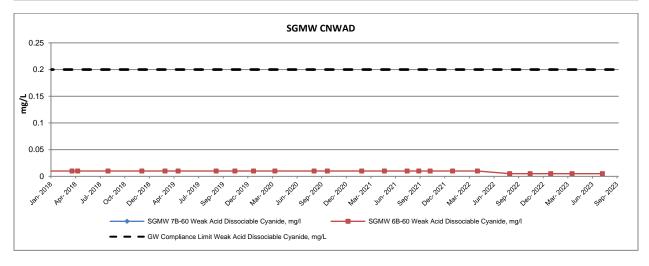


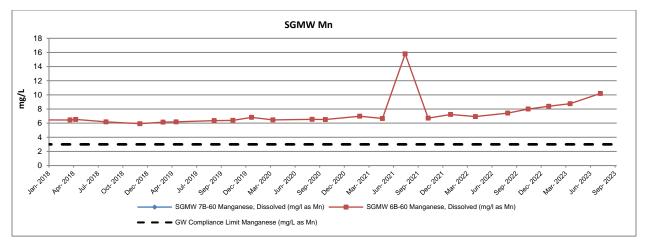


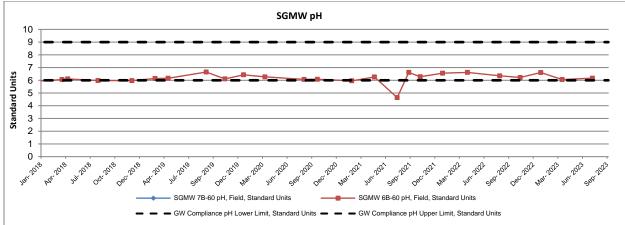


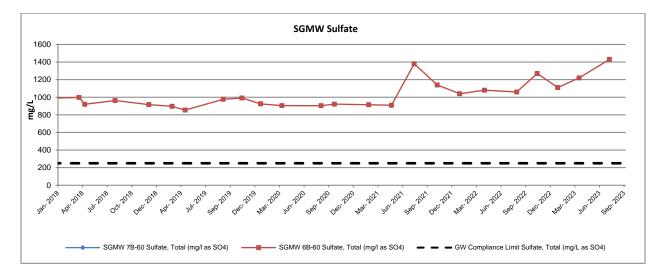


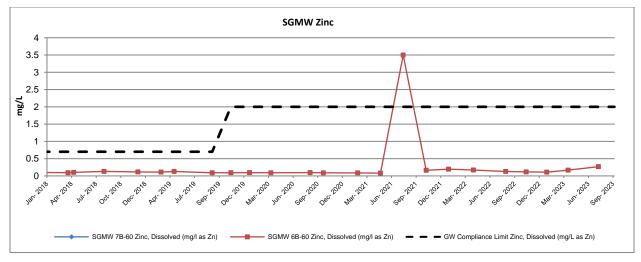


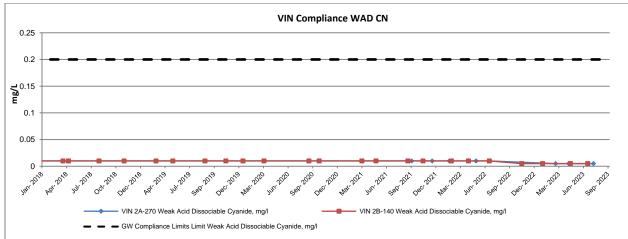


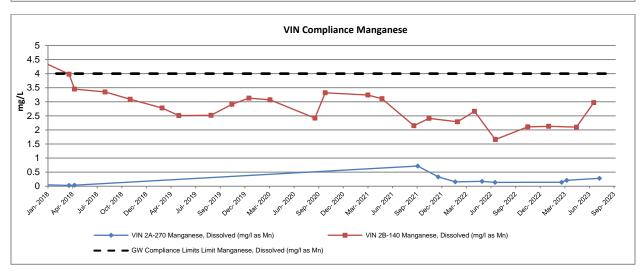


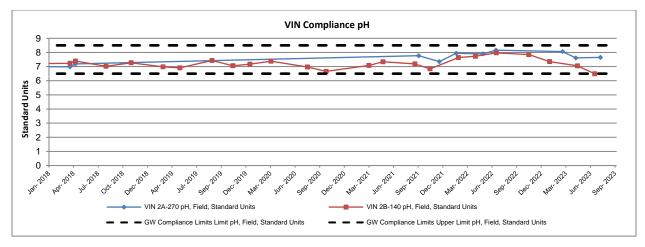


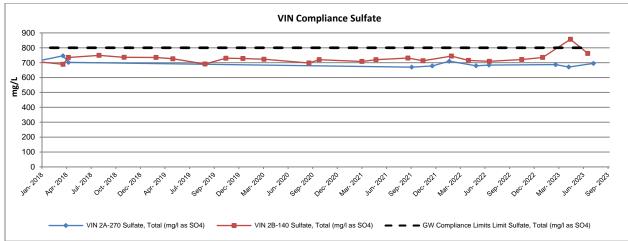


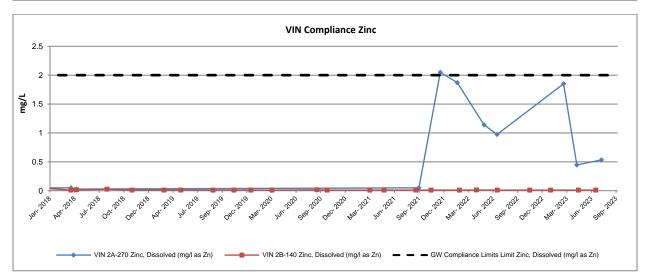


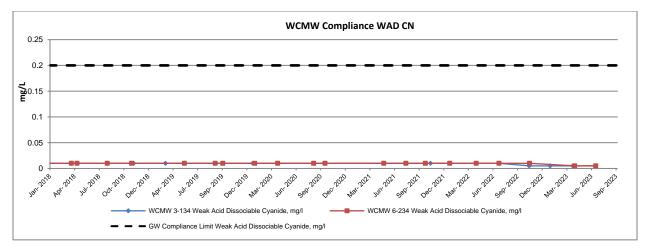


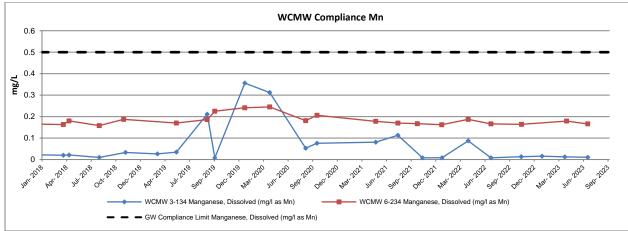


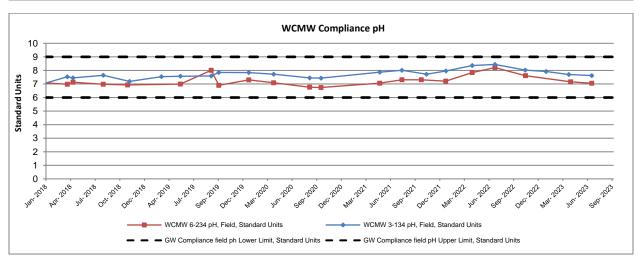


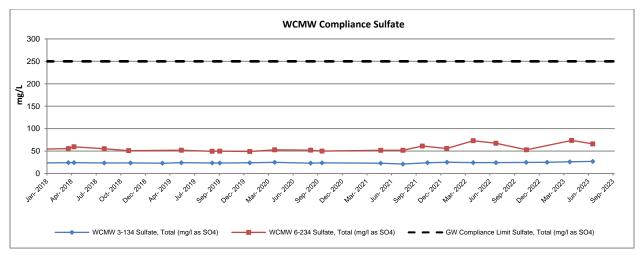


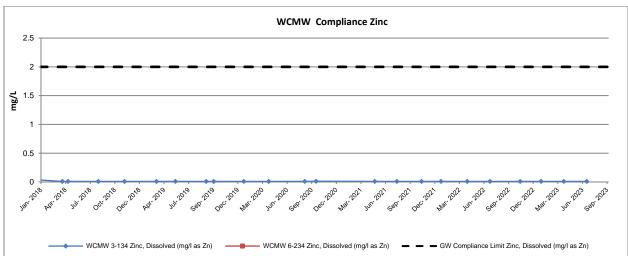














Cripple Creek & Victor Gold Mining Company 100 North 3rd Street P.O. Box 191 Victor, Colorado 80860 P 719.689.2977 F 719.689.3254 newmont.com

QA/QC

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:

SAMPLE LOCATION: CRMW-5C_Duplicate Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0129-03
Sample Date	-	7/11/2023
Lab Test Date	-	7/31/2023
Sampled By	-	PB

Aluminium - Dissolved (mg/L)	 <0.080
Ammonia (mg/L)	 <0.030
Antimony - Dissolved (mg/L)	 <0.00100
Arsenic - Dissolved (mg/L)	 <0.00100
Barium - Dissolved (mg/L)	 0.0075
Beryllium - Dissolved (mg/L)	 <0.00200
Boron - Dissolved (mg/L)	 <0.0400
Cadmium - Dissolved (mg/L)	 <0.0020
Chloride - Total (mg/L)	 7.38
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)	 2.83
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)	 0.122
Nitrite + Nitrate as Nitrogen (mg/L)	 0.122
Nitrite as Nitrogen (mg/L)	 <0.050
pH Field (pH unit)	 6.88
Selenium - Dissolved (mg/L)	 <0.00100
Silver - Dissolved (mg/L)	 <0.0050
Sodium - Dissolved (mg/L)	 8.40
Sulfate - Total (mg/L)	 34.9
Thallium - Dissolved (mg/L)	 <0.00100
Total Dissolved Solids (mg/L)	 140
Uranium - Dissolved (mg/L)	 0.000650
Vanadium - Dissolved (mg/L)	 <0.0050
Zinc - Dissolved (mg/L)	 <0.0100

^{*} Standard is for Reference Only

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:

SAMPLE LOCATION: AG-2.0 Duplicate Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3H0065-03
Sample Date	-	8/2/2023
Lab Test Date	-	8/31/2023
Sampled By	-	PB

Aluminium - Dissolved (mg/L)	 0.095
Ammonia (mg/L)	 <0.030
Antimony - Dissolved (mg/L)	 <0.00200
Arsenic - Dissolved (mg/L)	 <0.00200
Arsenic - Total Recoverable in Water (m	 0.00100
Barium - Dissolved (mg/L)	 0.0380
Beryllium - Dissolved (mg/L)	 <0.00200
Boron - Total (mg/L)	 <0.0400
Cadmium - Dissolved (mg/L)	 <0.000200
Calcium - Dissolved (mg/L)	 13.8
Chloride - Total (mg/L)	 10.3
Chromium - Dissolved (mg/L)	 <0.00200
Copper - Dissolved (mg/L)	 <0.00080
Cyanide - Free (mg/L)	 <0.0050
Cyanide - Total (mg/L)	 <0.0050
Cyanide - WAD (mg/L)	 <0.0050
Fluoride - Total F (mg/L)	 2.41
Iron - Dissolved (mg/L)	 0.208
Lead - Dissolved (mg/L)	 <0.00040
Manganese - Dissolved (mg/L)	 0.0903
Mercury - Dissolved (mg/L)	 <0.000200
Molybdenum - Dissolved (mg/L)	 <0.0080
Nickel - Dissolved (mg/L)	 <0.0100
Nitrate as Nitrogen (mg/L)	 0.088
Nitrite + Nitrate as Nitrogen (mg/L)	 <0.100
Nitrite as Nitrogen (mg/L)	 <0.050
pH Field (pH unit)	 7.35
Selenium - Dissolved (mg/L)	 <0.00200
Silver - Dissolved (mg/L)	 <0.000160
Sodium - Dissolved (mg/L)	 6.51
Sulfate - Total (mg/L)	 17.9
Thallium - Dissolved (mg/L)	 <0.000400
Total Dissolved Solids (mg/L)	 81
Total Suspended Solids (mg/L)	 14.0
Uranium - Dissolved (mg/L)	 <0.000200
Zinc - Dissolved (mg/L)	 <0.0100

^{*} Standard is for Reference Only

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:

SAMPLE LOCATION: GVMW-25 Duplicate Reporting Period 2023 3rd Qtr Collar Elv (ft) : N/A

Results of Profile / Analyses				
Description	Standards	rds 3rd Qtr		
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.	SVL Analytical, Inc.
Lab Reference #	-	X3G0100-06RE2	X3H0154-04	X3I0175-02
Sample Date	-	7/10/2023	8/8/2023	9/12/2023
Lab Test Date	-	8/23/2023	8/31/2023	10/3/2023
Sampled By	-	PB	PB	PB
Aluminium - Dissolved (mg/L)		19.2	148	443
Ammonia (mg/L)		<0.030	<0.030	<0.030
Antimony - Dissolved (mg/L)		<0.00100	<0.00100	<0.100
Arsenic - Dissolved (mg/L)		0.00152	0.0612	<0.100
Barium - Dissolved (mg/L)		0.0111	0.0091	0.0060
Beryllium - Dissolved (mg/L)		0.0314	0.130	0.291
Boron - Dissolved (mg/L)		<0.0400	<0.0400	<0.0400
Cadmium - Dissolved (mg/L)		0.0693	0.380	0.899
Chloride - Total (mg/L)		39.6	33.4	30.1
Chromium - Dissolved (mg/L)		<0.0060	0.0169	0.0752
Cobalt - Dissolved (mg/L)		0.0446	0.369	1.04
Copper - Dissolved (mg/L)		0.0428	0.326	1.24
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)		4.35	12.0	43.5
Iron - Dissolved (mg/L)		<0.100	0.162	1.60
Lead - Dissolved (mg/L)		<0.0075	<0.0075	<0.0075
Lithium - Dissolved (mg/L)		0.059	0.208	<0.040
Manganese - Dissolved (mg/L)		9.97	55.9	128
Mercury - Dissolved (mg/L)		<0.000200	<0.000200	<0.000200
Molybdenum - Dissolved (mg/L)		<0.0080	<0.0080	<0.0080
Nickel - Dissolved (mg/L)		0.144	0.661	1.50
Nitrate as Nitrogen (mg/L)		2.12	2.56	2.85
Nitrite + Nitrate as Nitrogen (mg/L)		2.12	2.56	2.85
Nitrite as Nitrogen (mg/L)		<0.050	<0.250	<0.250
pH Field (pH unit)		4.32	3.93	3.69
Selenium - Dissolved (mg/L)		0.00504	<0.0100	<0.100
Silver - Dissolved (mg/L)		<0.0050	<0.0050	<0.0050
Sodium - Dissolved (mg/L)		30.6	44.0	47.0
Sulfate - Total (mg/L)		1020	3390	5760
Thallium - Dissolved (mg/L)		<0.00100	<0.00200	<0.0200
Total Dissolved Solids (mg/L)		1420	4500	8500
Uranium - Dissolved (mg/L)		0.0441	0.446	0.808
Vanadium - Dissolved (mg/L)		<0.0050	<0.0050	<0.0050
Zinc - Dissolved (mg/L)		2.27	12.7	32.9

^{*} Standard is for Reference Only

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: QA/QC

Collar Elv (ft): Reporting Period 2023 3rd Qtr **SAMPLE LOCATION:** Rinse Blank N/A

Description	Standards	3rd Qtr				
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.	SVL Analytical, Inc.	SVL Analytical, Inc.	SVL Analytical, Inc.	
Lab Reference #	-	X3G0041-03	X3G0100-04	X3G0161-06	X3H0155-02	
Sample Date	_	7/5/2023	7/10/2023	7/12/2023	8/8/2023	
Lab Test Date	_	7/25/2023	8/23/2023	7/31/2023	8/31/2023	
Sampled By	-	РВ	PB	PB	PB	
Aluminium - Dissolved (mg/L)		<0.080	<0.080	<0.080	<0.080	
Ammonia (mg/L)		<0.030	<0.030	<0.030	<0.030	
Antimony - Dissolved (mg/L)		<0.00100	<0.00100	<0.00100	<0.00100	
Arsenic - Dissolved (mg/L)		<0.00100	<0.00100	<0.00100	<0.00100	
Barium - Dissolved (mg/L)		<0.0020	<0.0020	<0.0020	<0.0020	
Beryllium - Dissolved (mg/L)		<0.00200	<0.00200	<0.00200	<0.00200	
Boron - Dissolved (mg/L)		<0.0400	<0.0400	<0.0400	<0.0400	
Cadmium - Dissolved (mg/L)		<0.0020	<0.0020	<0.0020	<0.0020	
Chloride - Total (mg/L)		<0.20	<0.20	<0.20	<0.20	
Chromium - Dissolved (mg/L)		<0.0060	<0.0060	<0.0060	<0.0060	
Cobalt - Dissolved (mg/L)		<0.0060	<0.0060	<0.0060	<0.0060	
Copper - Dissolved (mg/L)		<0.0100	<0.0100	<0.0100	<0.0100	
Cyanide - Free (mg/L)		<0.0050	<0.0050	<0.0050	<0.0050	
Cyanide - Total (mg/L)		<0.0050	<0.0050	<0.0050	<0.0050	
Cyanide - WAD (mg/L)		<0.0050	<0.0050	<0.0050	<0.0050	
Fluoride - Total F (mg/L)		<0.100	<0.100	<0.100	<0.100	
Iron - Dissolved (mg/L)		<0.100	<0.100	<0.100	<0.100	
Lead - Dissolved (mg/L)		<0.0075	<0.0075	<0.0075	<0.0075	
Lithium - Dissolved (mg/L)		<0.040	<0.040	<0.040	<0.040	
Manganese - Dissolved (mg/L)		<0.0080	<0.0080	<0.0080	<0.0080	
Mercury - Dissolved (mg/L)		<0.000200	<0.000200	<0.000200	<0.000200	
Molybdenum - Dissolved (mg/L)		<0.0080	<0.0080	<0.0080	<0.0080	
Nickel - Dissolved (mg/L)		<0.0100	<0.0100	<0.0100	<0.0100	
Nitrate as Nitrogen (mg/L)		<0.050	<0.050	<0.050	<0.050	
Nitrite + Nitrate as Nitrogen (mg/L)		<0.100	<0.100	<0.100	<0.100	
Nitrite as Nitrogen (mg/L)		<0.050	<0.050	<0.050	<0.050	
pH Field (pH unit)		8.46	6.68	7.69	7.15	
Selenium - Dissolved (mg/L)		<0.00100	<0.00100	<0.00100	<0.00100	
Silver - Dissolved (mg/L)		<0.0050	<0.0050	<0.0050	<0.0050	
Sodium - Dissolved (mg/L)		<0.50	2.01	<0.50	<0.50	
Sulfate - Total (mg/L)		0.31	0.96	0.34	0.37	
Thallium - Dissolved (mg/L)		<0.00100	<0.00100	<0.00100	<0.000200	
Total Dissolved Solids (mg/L)		<10	<10	<10	<10	
Uranium - Dissolved (mg/L)		<0.000100	<0.000100	<0.000100	<0.000100	
Vanadium - Dissolved (mg/L)		<0.0050	<0.0050	<0.0050	<0.0050	
Zinc - Dissolved (mg/L)		<0.0100	<0.0100	<0.0100	<0.0100	

^{*} Standard is for Reference Only

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT: QA/QC

SAMPLE LOCATION: Rinse Blank Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

		3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3I0177-02
Sample Date	-	9/12/2023
Lab Test Date	-	10/3/2023
Sampled By	-	РВ

Aluminium - Dissolved (mg/L)	 <0.080
Ammonia (mg/L)	 <0.030
Antimony - Dissolved (mg/L)	 <0.00100
Arsenic - Dissolved (mg/L)	 <0.00100
Barium - Dissolved (mg/L)	 <0.0020
Beryllium - Dissolved (mg/L)	 <0.00200
Boron - Dissolved (mg/L)	 <0.0400
Cadmium - Dissolved (mg/L)	 <0.0020
Chloride - Total (mg/L)	 <0.20
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)	 <0.100
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)	 <0.050
Nitrite + Nitrate as Nitrogen (mg/L)	 <0.100
Nitrite as Nitrogen (mg/L)	 <0.050
pH Field (pH unit)	 7.35
Selenium - Dissolved (mg/L)	 <0.00100
Silver - Dissolved (mg/L)	 <0.0050
Sodium - Dissolved (mg/L)	 0.82
Sulfate - Total (mg/L)	 <0.30
Thallium - Dissolved (mg/L)	 <0.000200
Total Dissolved Solids (mg/L)	 <10
Uranium - Dissolved (mg/L)	 <0.000100
Vanadium - Dissolved (mg/L)	 <0.0050
Zinc - Dissolved (mg/L)	 <0.0100

^{*} Standard is for Reference Only

DIVISION OF RECLAMATION MINING AND SAFETY PERMIT:

SAMPLE LOCATION: Trip Blank Collar Elv (ft): N/A Reporting Period 2023 3rd Qtr

Description	Standards	3rd Qtr
Name of Certified Lab	(mg/L)*	SVL Analytical, Inc.
Lab Reference #	-	X3G0161-01
Sample Date	-	7/12/2023
Lab Test Date	-	7/31/2023
Sampled By	-	PB

Aluminium - Dissolved (mg/L)	 <0.080
Ammonia (mg/L)	 <0.030
Antimony - Dissolved (mg/L)	 <0.00100
Arsenic - Dissolved (mg/L)	 <0.00100
Barium - Dissolved (mg/L)	 <0.0020
Beryllium - Dissolved (mg/L)	 <0.00200
Boron - Dissolved (mg/L)	 <0.0400
Cadmium - Dissolved (mg/L)	 <0.0020
Chloride - Total (mg/L)	 <0.20
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)	 <0.100
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)	 <0.050
Nitrite + Nitrate as Nitrogen (mg/L)	 <0.100
Nitrite as Nitrogen (mg/L)	 <0.050
pH Field (pH unit)	 6.94
Selenium - Dissolved (mg/L)	 <0.00100
Silver - Dissolved (mg/L)	 <0.0050
Sodium - Dissolved (mg/L)	 <0.50
Sulfate - Total (mg/L)	 0.32
Thallium - Dissolved (mg/L)	 <0.00100
Total Dissolved Solids (mg/L)	 <10
Uranium - Dissolved (mg/L)	 <0.000100
Vanadium - Dissolved (mg/L)	 <0.0050
Zinc - Dissolved (mg/L)	 <0.0100

^{*} Standard is for Reference Only

Relative Percent Difference Calculations:

The Division has requested that relative percent difference calculations be completed for duplicate samples collected within the same quarter. In the third quarter, 2023 CC&V submitted duplicate samples for monitoring well CRMW-5C, collected on 7/11/2023, surface water monitoring location AG-2.0, collected on 8/2/2023, and monitoring well GVMW-25, collected on 7/10/23, 8/8/23, and 9/12/23. 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_I = Original sample concentration

 X_2 = Duplicate sample concentration

Analyte	CRMW 5C-60	CRMW-5C Duplicate	CRMW-5C Relative Percent Difference (RPD, %)
Barium - Dissolved (mg/L)	0.0076	0.0075	1.32
Chloride - Total (mg/L)	7.37	7.38	0.14
Fluoride - Total F (mg/L)	2.83	2.83	0.00
Nitrate as Nitrogen (mg/L)	0.117	0.122	4.18
pH Field	6.88	6.88	0.00
Sodium - Dissolved (mg/L)	8.35	8.4	0.60
Sulfate - Total (mg/L)	34.6	34.9	0.86
Total Dissolved Solids (mg/L)	128	140	8.96
Uranium - Dissolved (mg/L)	0.000595	0.00065	8.84

Analyte	AG 2.0	AG-2.0 Duplicate	AG-2.0 Relative Percent Difference (RPD, %)
Aluminum - Dissolved (mg/L)	0.097	0.095	2.08
Barium - Dissolved (mg/L)	0.0377	0.038	0.79
Chloride - Total (mg/L)	10.6	10.3	2.87
Fluoride - Total F (mg/L)	2.41	2.41	0.00
Calcium - Dissolved (mg/L)	14	13.8	1.44
Manganese - Dissolved (mg/L)	0.118	0.0903	26.60
Nitrate as Nitrogen (mg/L)	0.095	0.088	7.65
pH Field	7.35	7.35	0.00
Sodium - Dissolved (mg/L)	6.47	6.51	0.62
Sulfate - Total (mg/L)	17.7	17.9	1.12

Analyte	GVMW-25 July	GVMW-25 Duplicate July	Relative Percent Difference (RPD, %)
Aluminum - Dissolved (mg/L)	18.9	19.2	1.57
Arsenic - Dissolved (mg/L)	0.00153	0.00152	0.66
Barium - Dissolved (mg/L)	0.0101	0.0111	9.43
Beryllium - Dissolved (mg/L)	0.0305	0.0314	2.91
Cadmium - Dissolved (mg/L)	0.0691	0.0693	0.29
Chloride - Total (mg/L)	39.4	39.6	0.51
Cobalt - Dissolved (mg/L)	0.0431	0.0446	3.42
Copper - Dissolved (mg/L)	0.0332	0.0428	25.26
Fluoride - Total F (mg/L)	4.3	4.35	1.16
Manganese - Dissolved (mg/L)	9.66	9.97	3.16
Nickel - Dissolved (mg/L)	0.135	0.144	6.45
Selenium - Dissolved (mg/L)	0.00563	0.00504	11.06
Sodium - Dissolved (mg/L)	29.3	30.6	4.34
Sulfate - Total (mg/L)	1000	1020	1.98
Uranium - Dissolved (mg/L)	0.0439	0.0441	0.45
Zinc - Dissolved (mg/L)	2.24	2.27	1.33

Analyte	GVMW-25 August	GVMW-25 Duplicate August	Relative Percent Difference (RPD, %)
Aluminum - Dissolved (mg/L)	149	148	0.67
Arsenic - Dissolved (mg/L)	0.0624	0.0612	1.94
Barium - Dissolved (mg/L)	0.0101	0.0091	10.42
Beryllium - Dissolved (mg/L)	0.131	0.13	0.77
Cadmium - Dissolved (mg/L)	0.384	0.38	1.05
Chloride - Total (mg/L)	33.2	33.4	0.60
Cobalt - Dissolved (mg/L)	0.374	0.369	1.35
Copper - Dissolved (mg/L)	0.328	0.326	0.61
Fluoride - Total F (mg/L)	12.5	12	4.08
Manganese - Dissolved (mg/L)	56.3	55.9	0.71
Nickel - Dissolved (mg/L)	0.668	0.661	1.05
Sodium - Dissolved (mg/L)	42.5	44	3.47
Sulfate - Total (mg/L)	3400	3390	0.29
Uranium - Dissolved (mg/L)	0.441	0.446	1.13
Zinc - Dissolved (mg/L)	12.8	12.7	0.78

Analyte	GVMW-25 September	GVMW-25 Duplicate September	Relative Percent Difference (RPD, %)
Aluminum - Dissolved (mg/L)	435	443	1.82
Barium - Dissolved (mg/L)	0.0072	0.006	18.18
Beryllium - Dissolved (mg/L)	0.27	0.291	7.49
Cadmium - Dissolved (mg/L)	0.888	0.899	1.23
Chloride - Total (mg/L)	30.2	30.1	0.33
Cobalt - Dissolved (mg/L)	1.03	1.04	0.97
Copper - Dissolved (mg/L)	1.23	1.24	0.81
Fluoride - Total F (mg/L)	43	43.5	1.16
Manganese - Dissolved (mg/L)	125	128	2.37
Nickel - Dissolved (mg/L)	1.48	1.5	1.34
Sodium - Dissolved (mg/L)	45.8	47	2.59
Sulfate - Total (mg/L)	5800	5760	0.69
Uranium - Dissolved (mg/L)	0.777	0.808	3.91
Zinc - Dissolved (mg/L)	32.9	32.9	0.00