

February 15, 2022

SENT VIA EMAIL

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

Re: Monthly Grassy Valley December 2022 Report Submission, January 18, 2022

Dear Mr. Russell,

Please see the attached Grassy Valley data (included within Attachment A) for monitoring well GVMW-25, surface water monitoring location GV-06, and Seep 1 & Seep 2, for the month of December, 2022.

Should you require further information please do not hesitate to contact Ronald Parratt at 719.851.4019 or ronald.parratt@newmont.com or myself at 719.851.4048 or katie.blake@newmont.com

Sincerely,

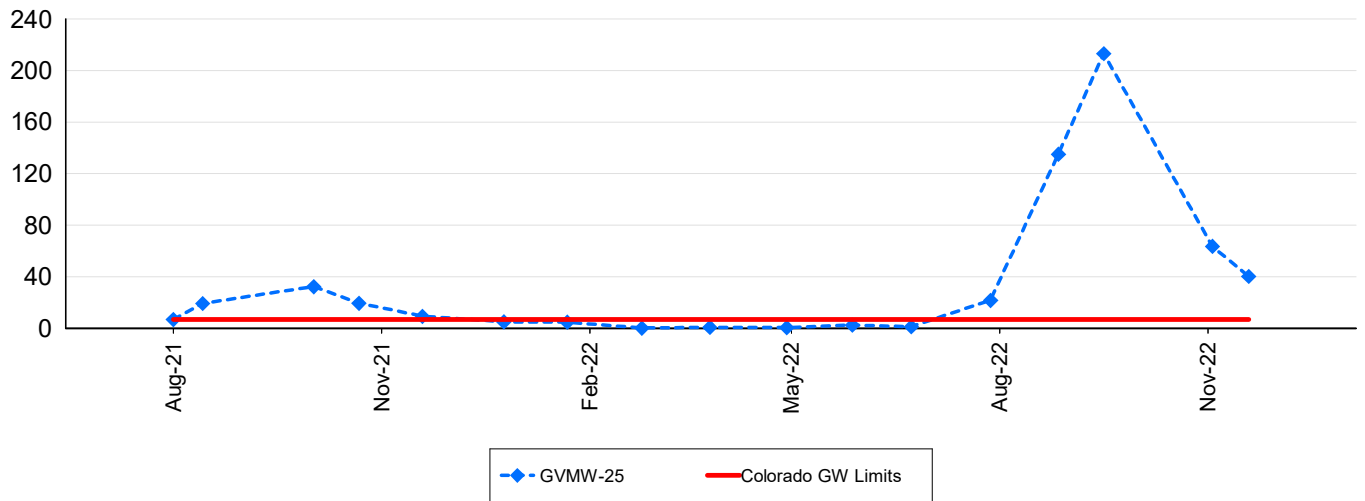


Katie Blake
Sustainability & External Relations Manager
Cripple Creek and Victor Gold Mining Company

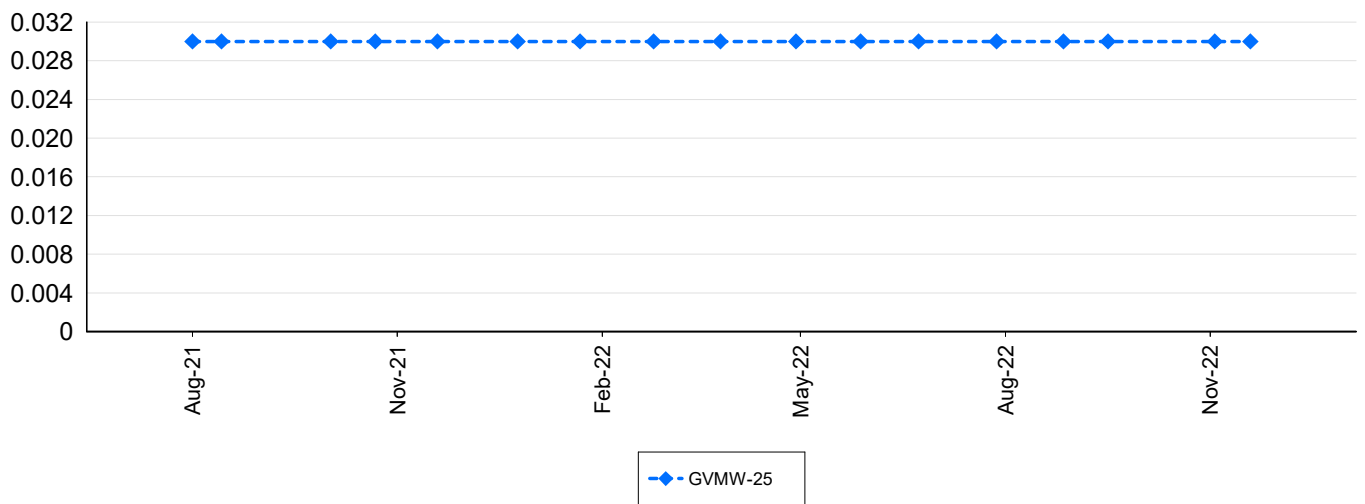
EC: P. Lennberg
M. Cunningham
A. Eschberger
K. Blake
R. Parratt
A. Matarrese
N. Townly

Attachment A

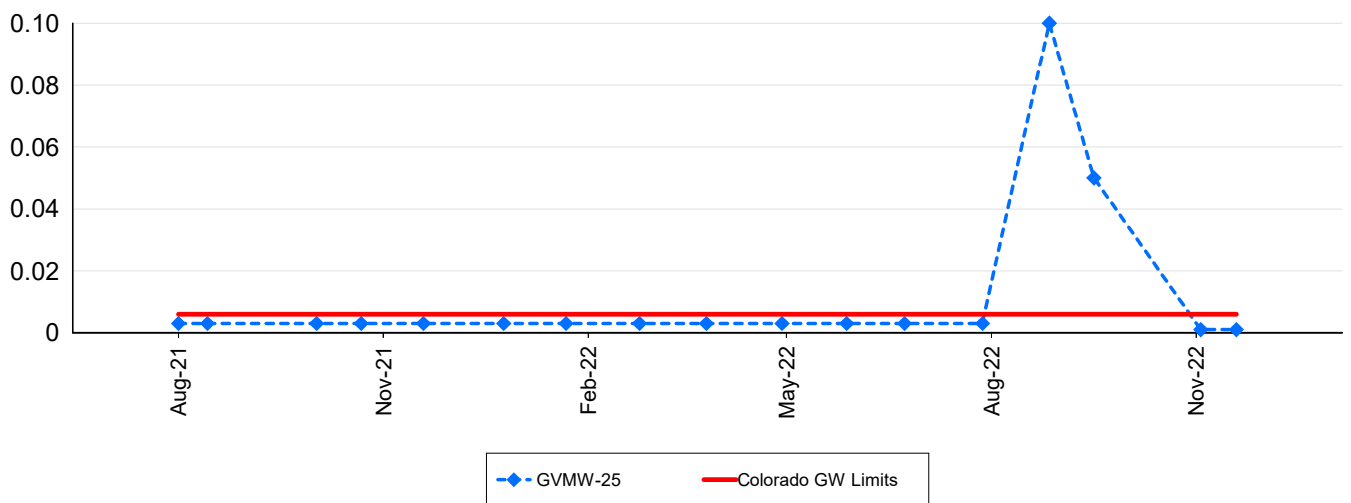
: Aluminium - Dissolved (mg/L)



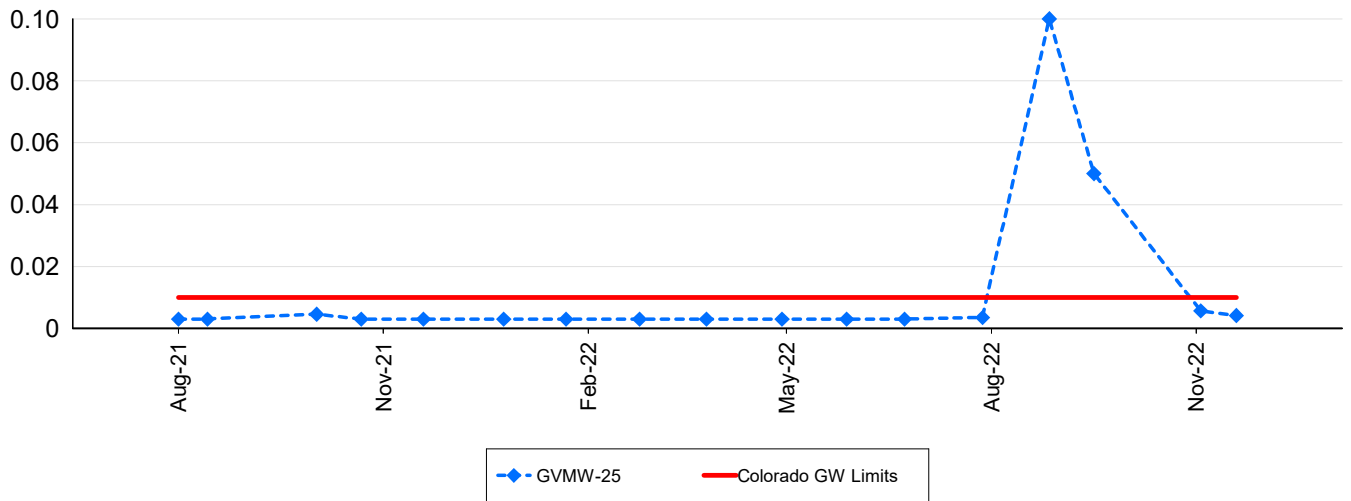
: Ammonia (mg/L)



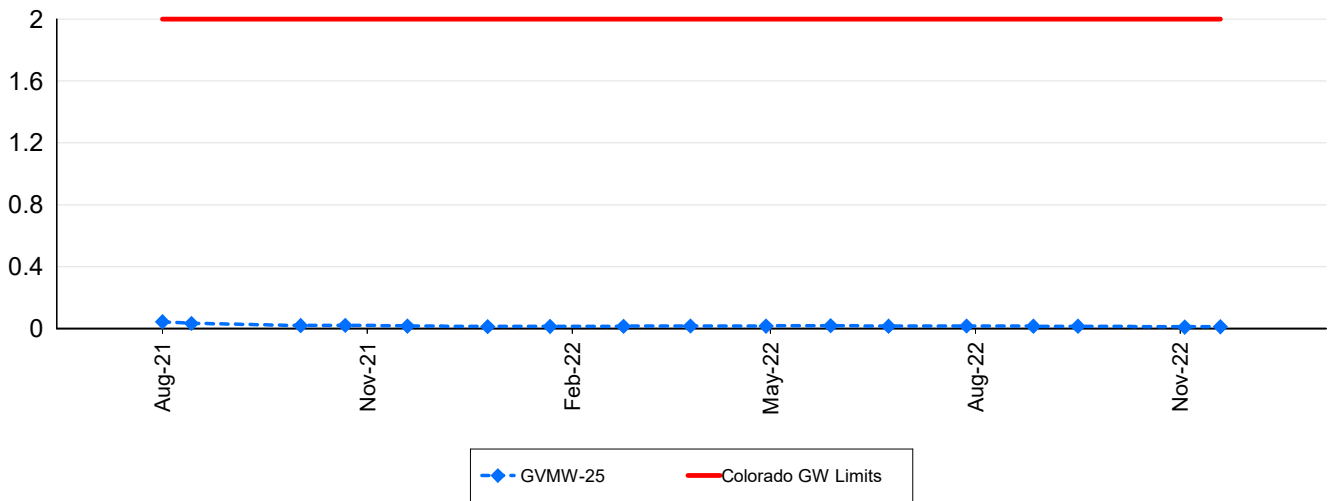
: Antimony - Dissolved (mg/L)



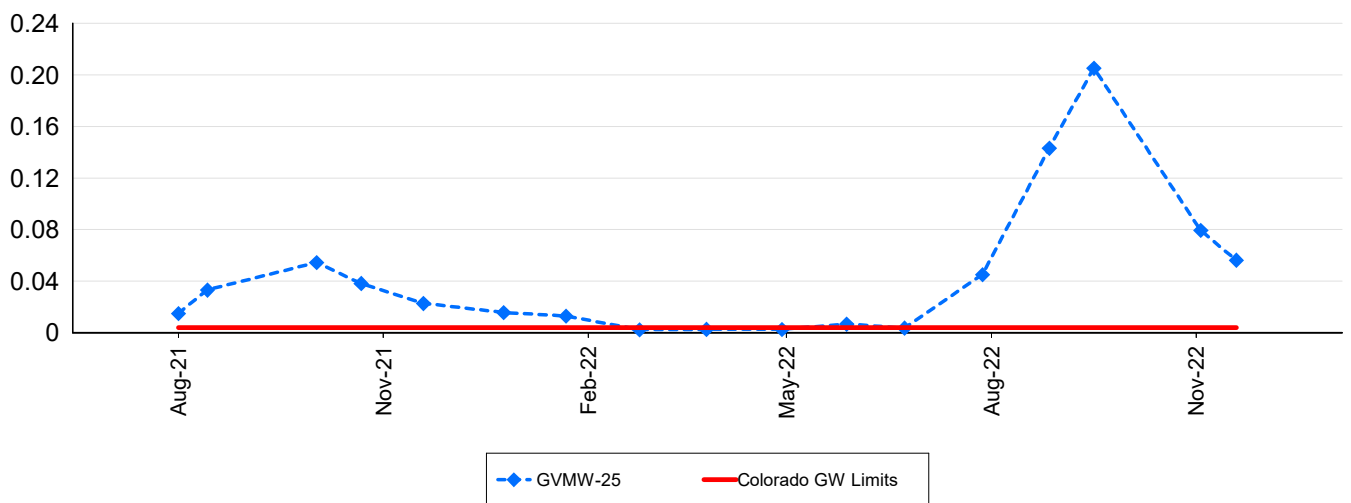
: Arsenic - Dissolved (mg/L)



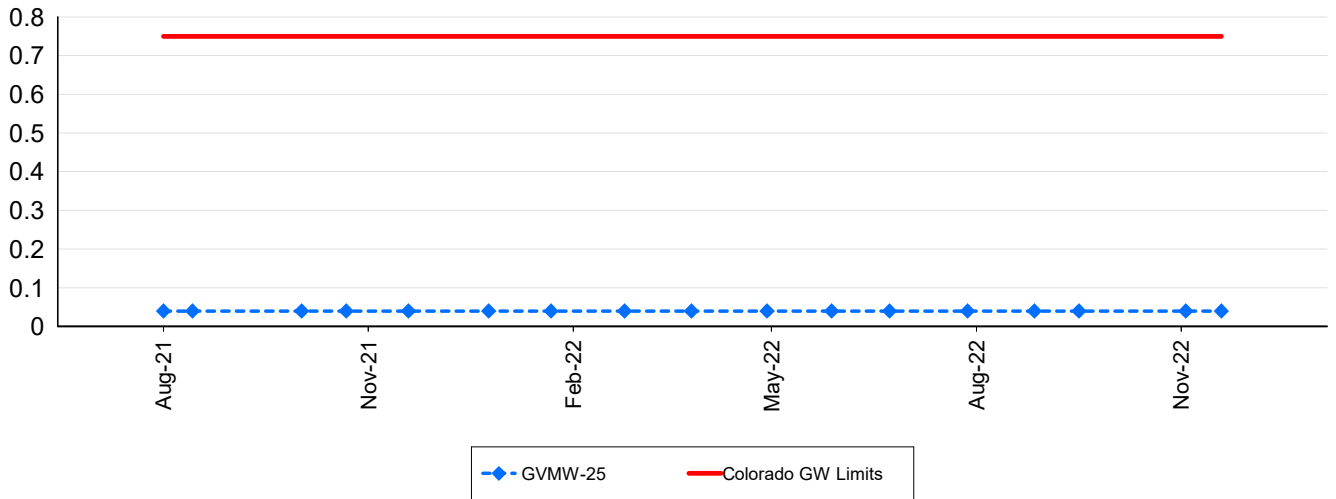
: Barium - Dissolved (mg/L)



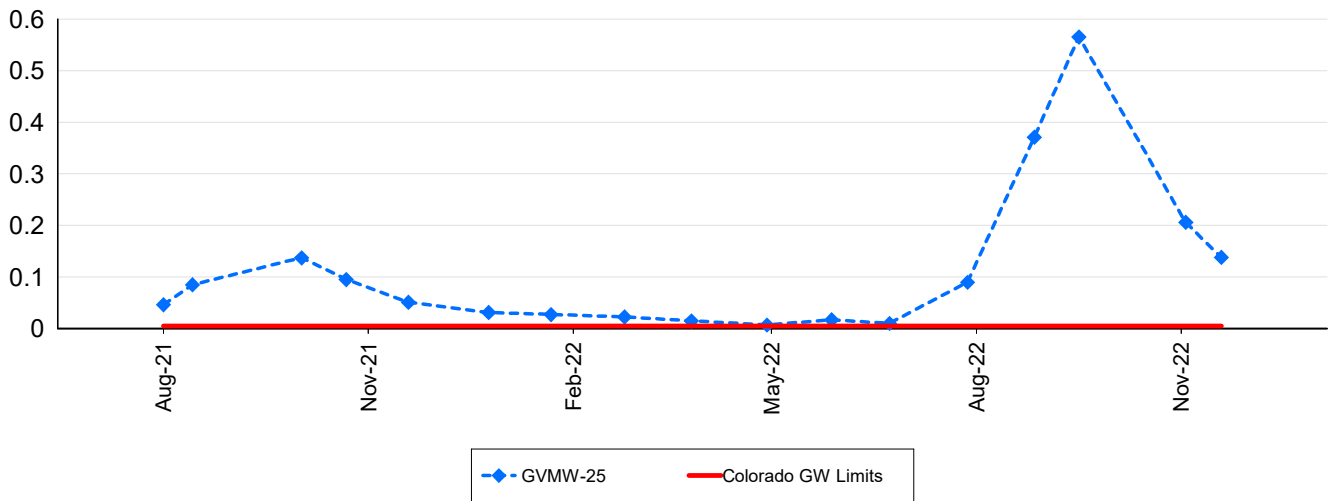
: Beryllium - Dissolved (mg/L)



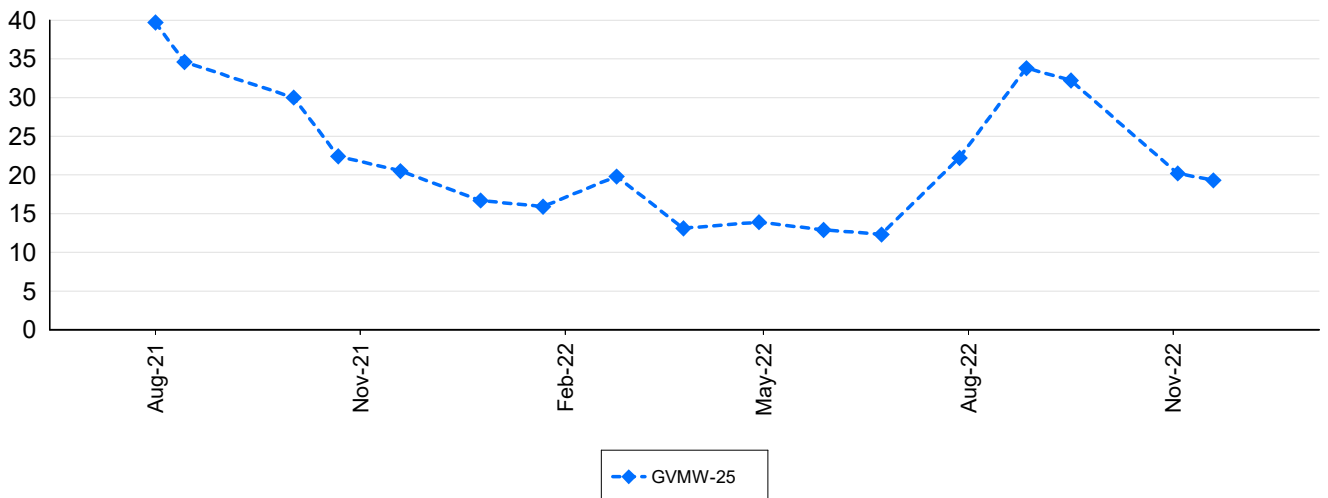
: Boron - Dissolved (mg/L)



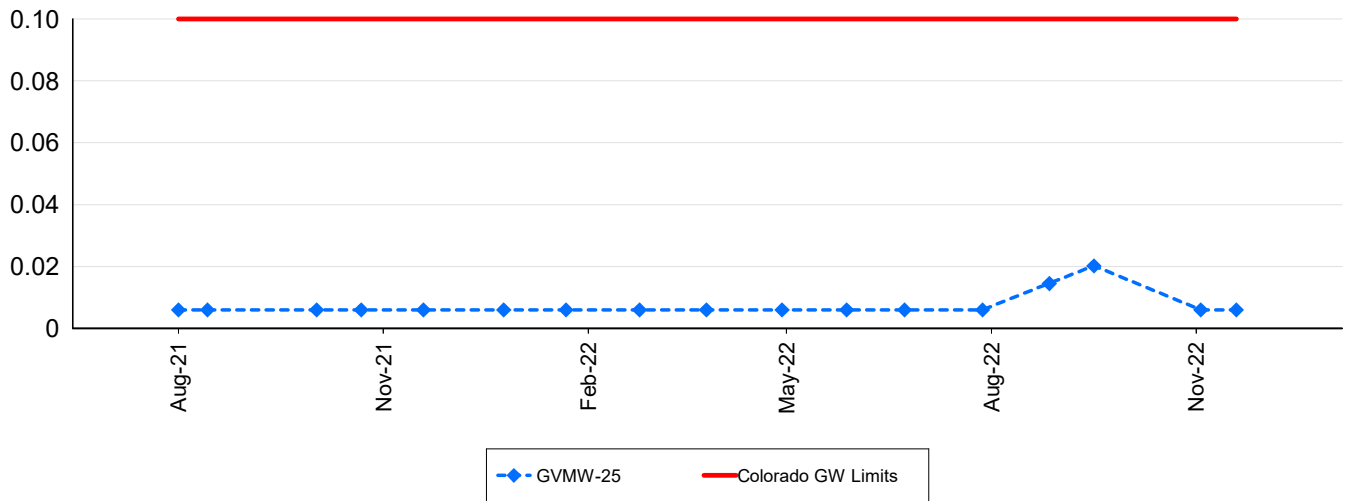
: Cadmium - Dissolved (mg/L)



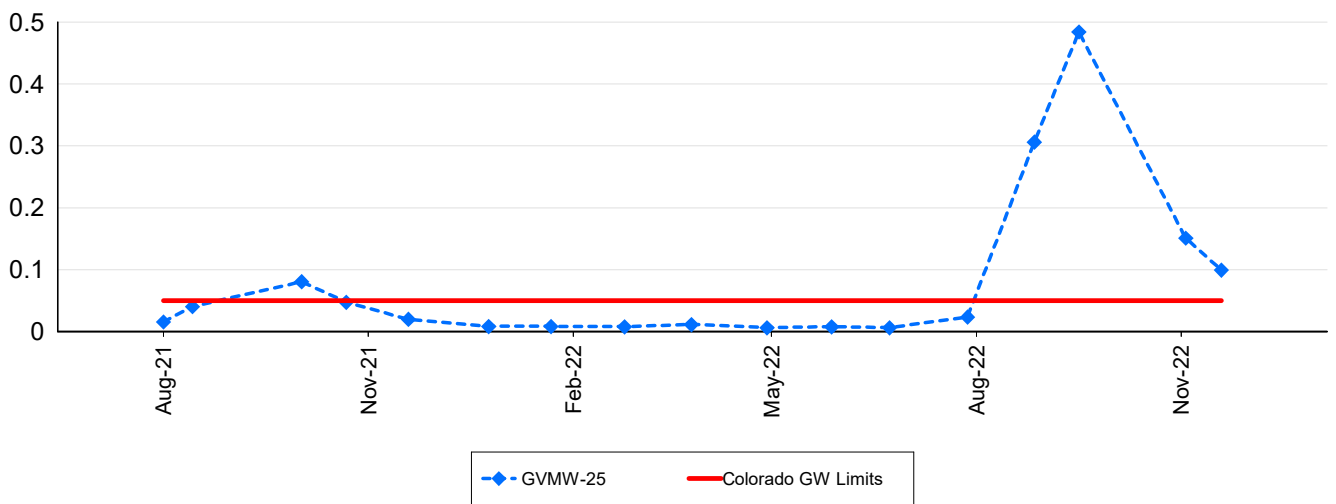
: Chloride - Total (mg/L)



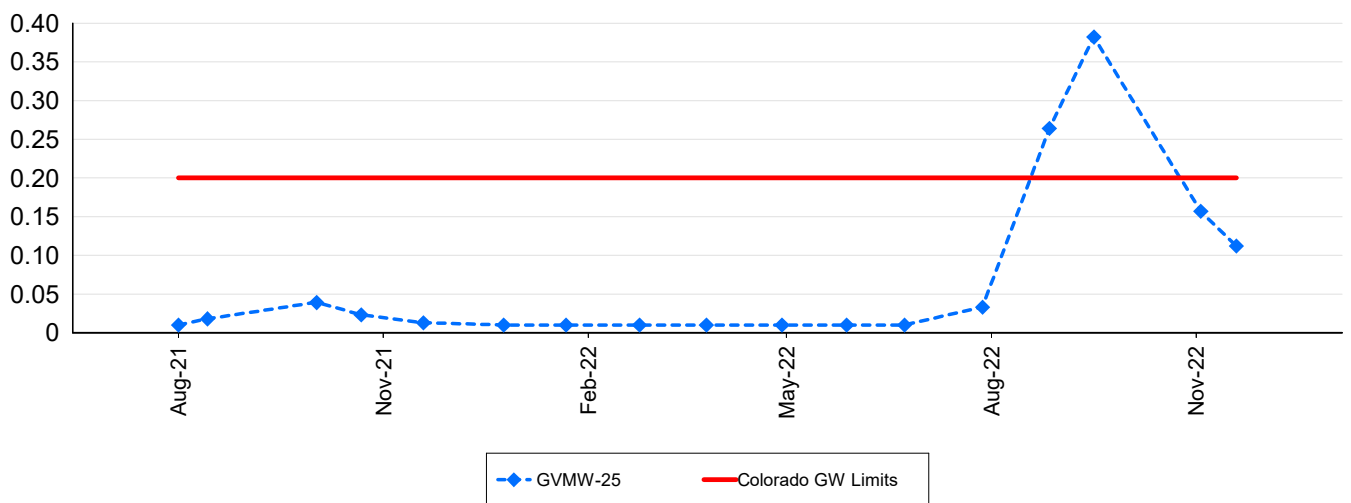
: Chromium - Dissolved (mg/L)



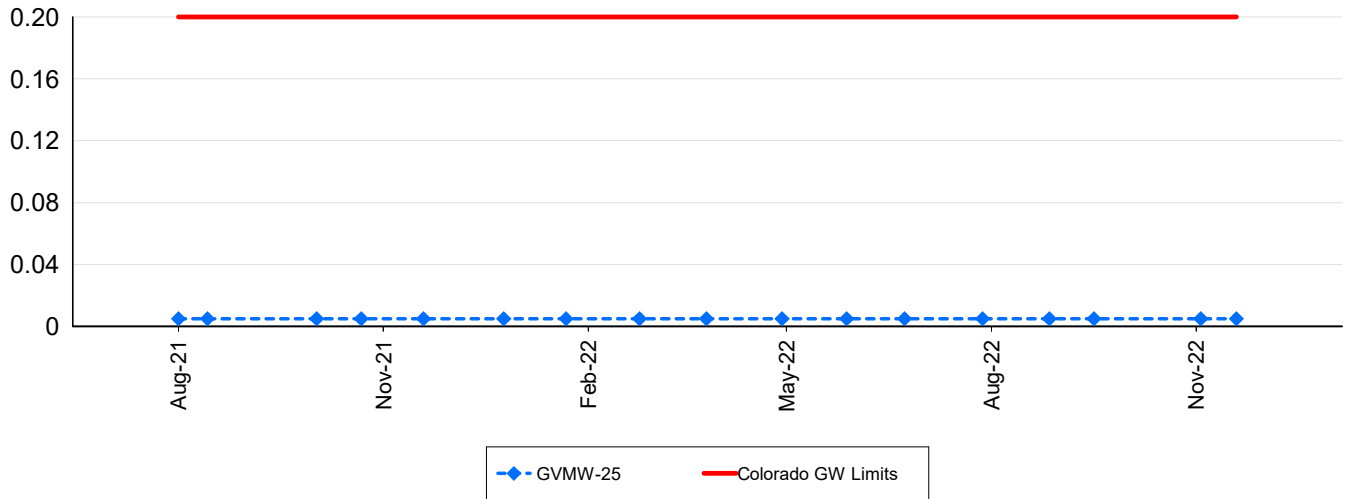
: Cobalt - Dissolved (mg/L)



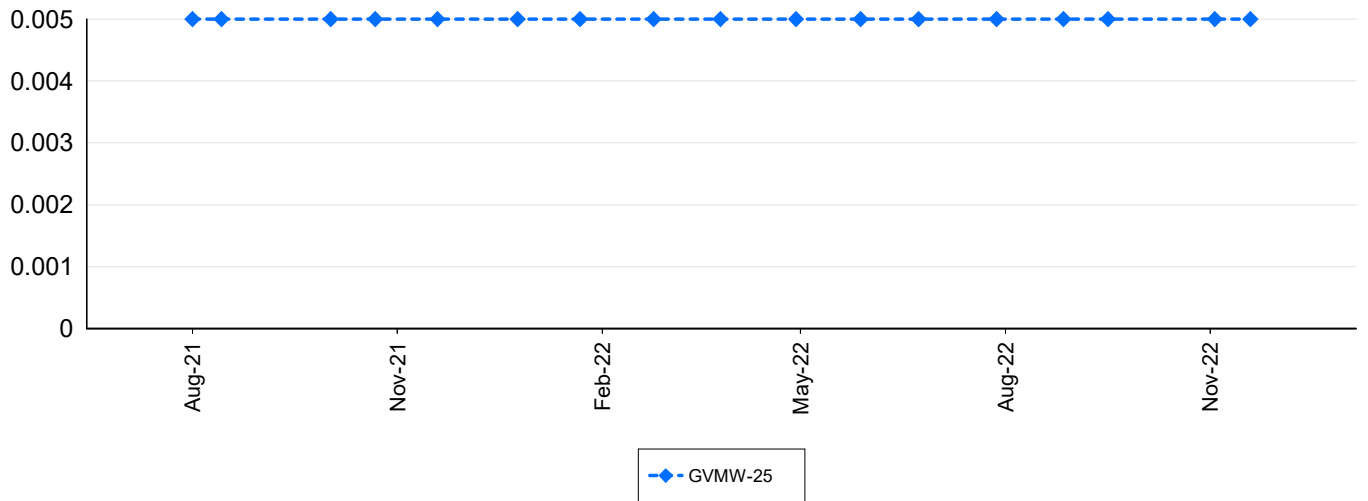
: Copper - Dissolved (mg/L)



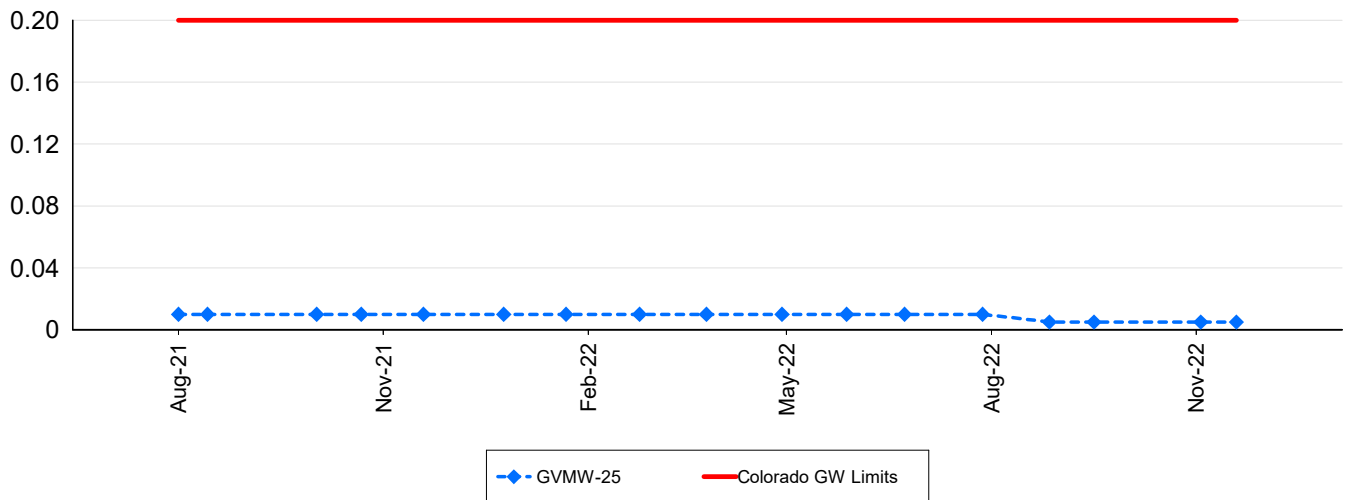
: Cyanide - Free (mg/L)



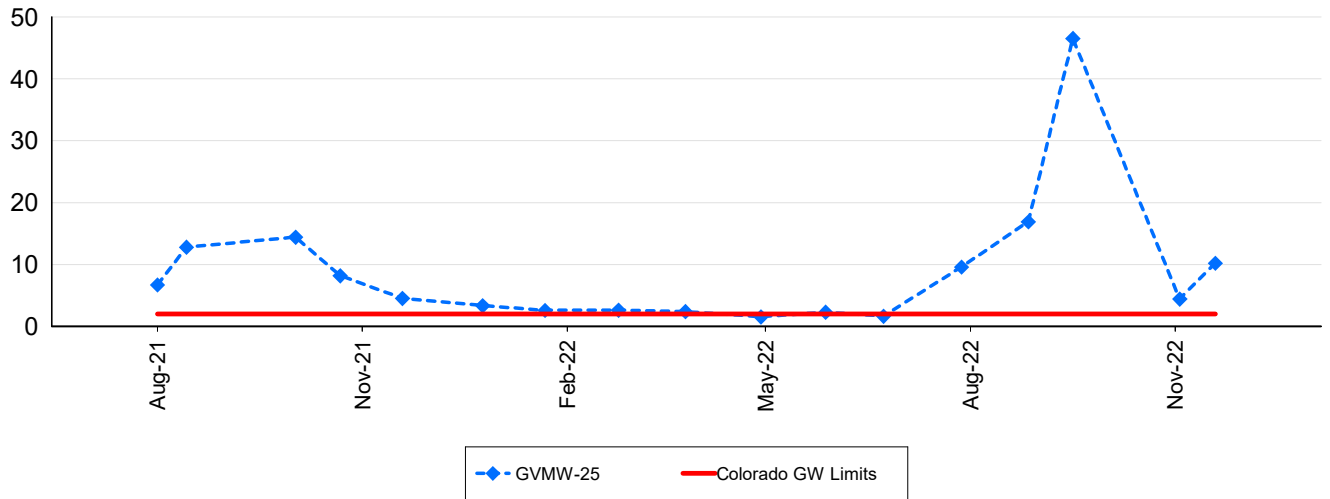
: Cyanide - Total (mg/L)



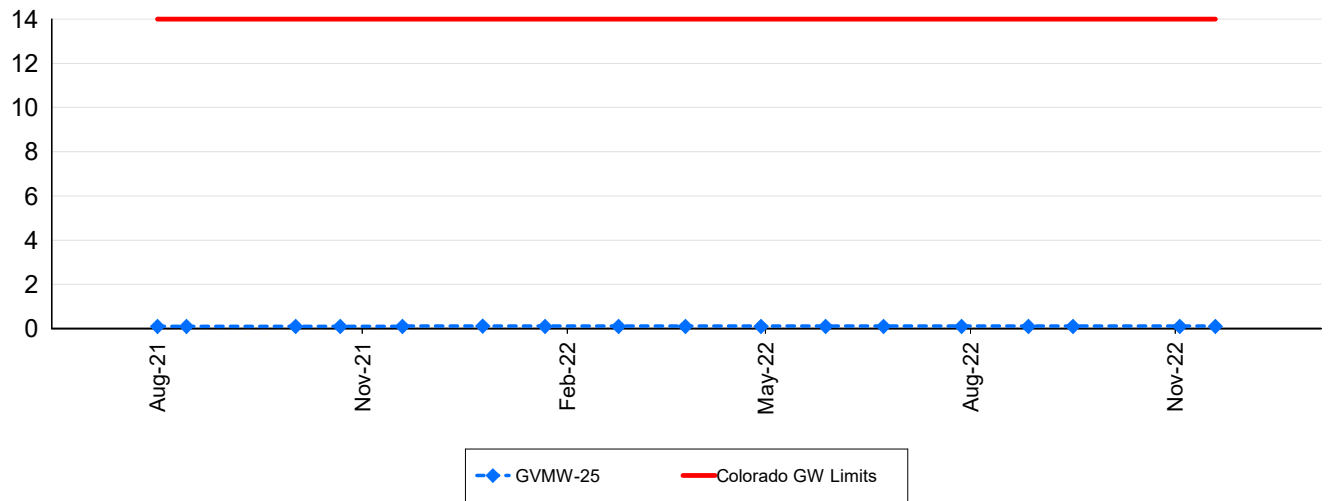
: Cyanide - WAD (mg/L)



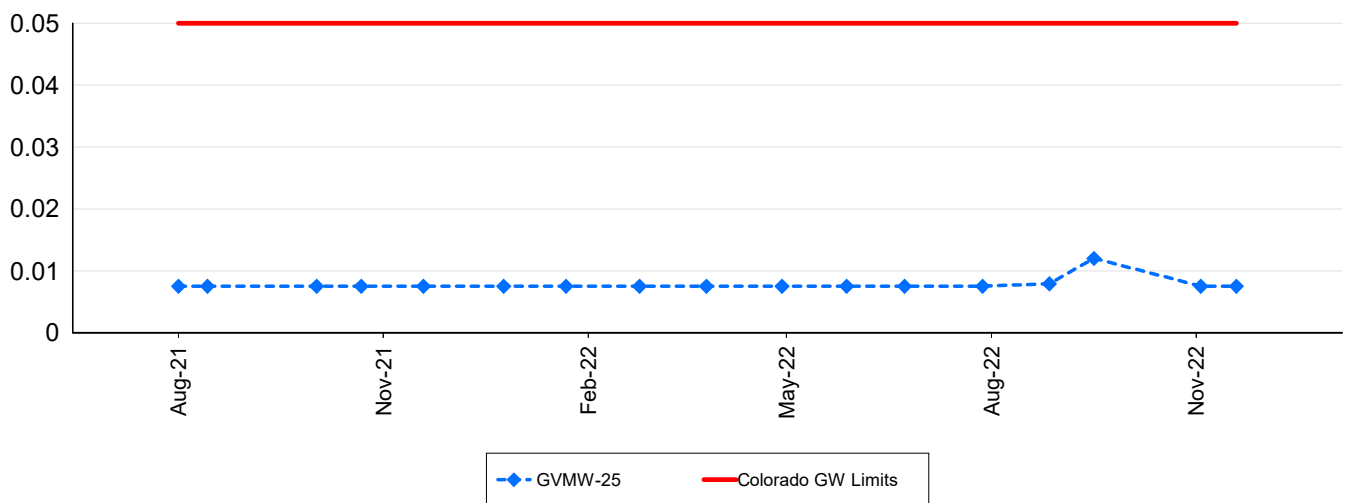
: Fluoride - Total F (mg/L)



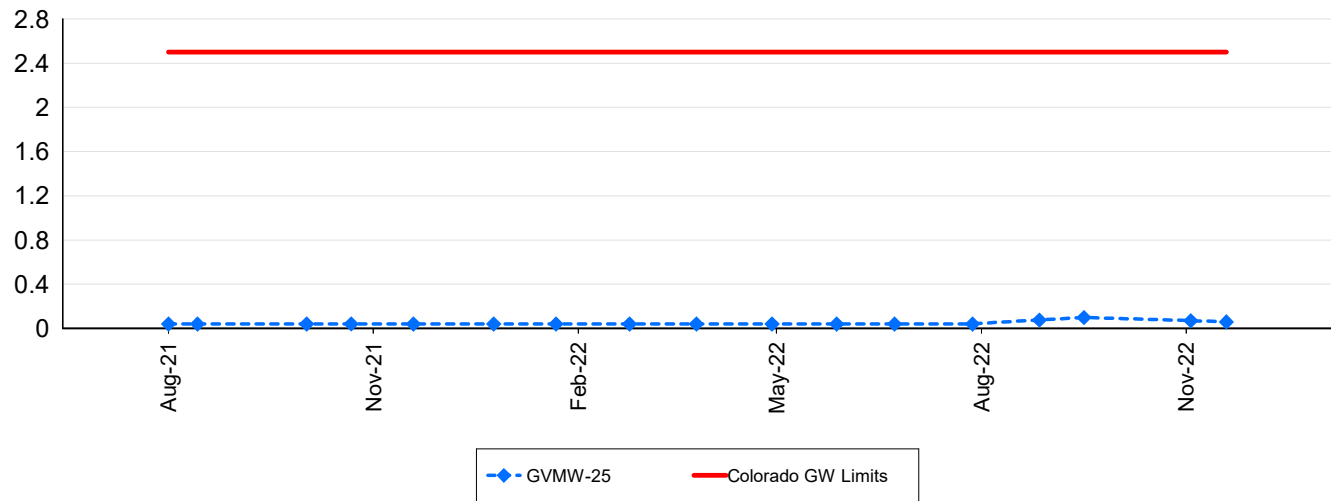
: Iron - Dissolved (mg/L)



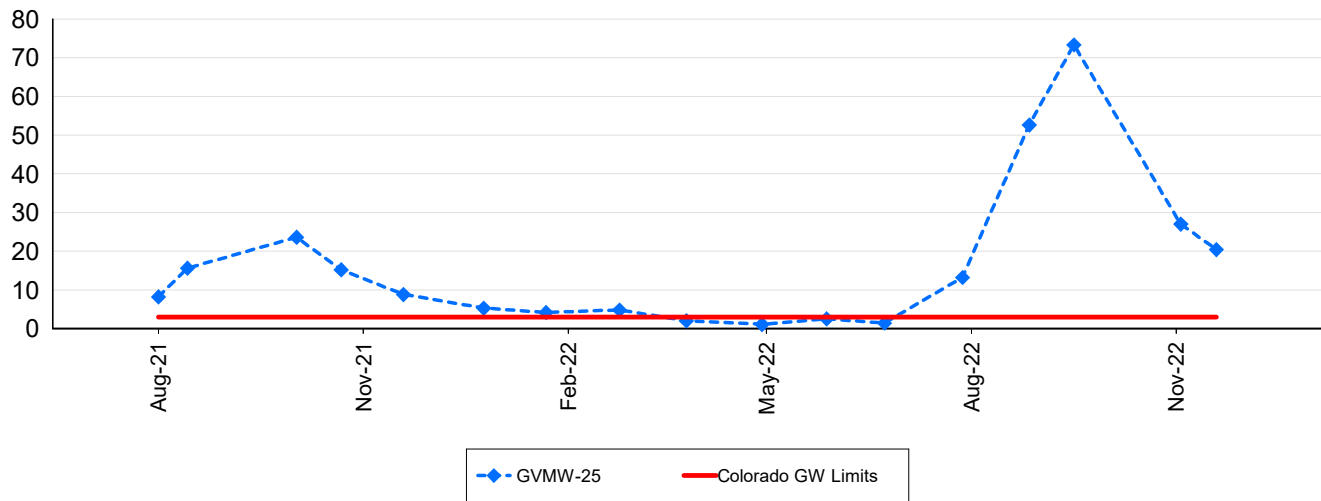
: Lead - Dissolved (mg/L)



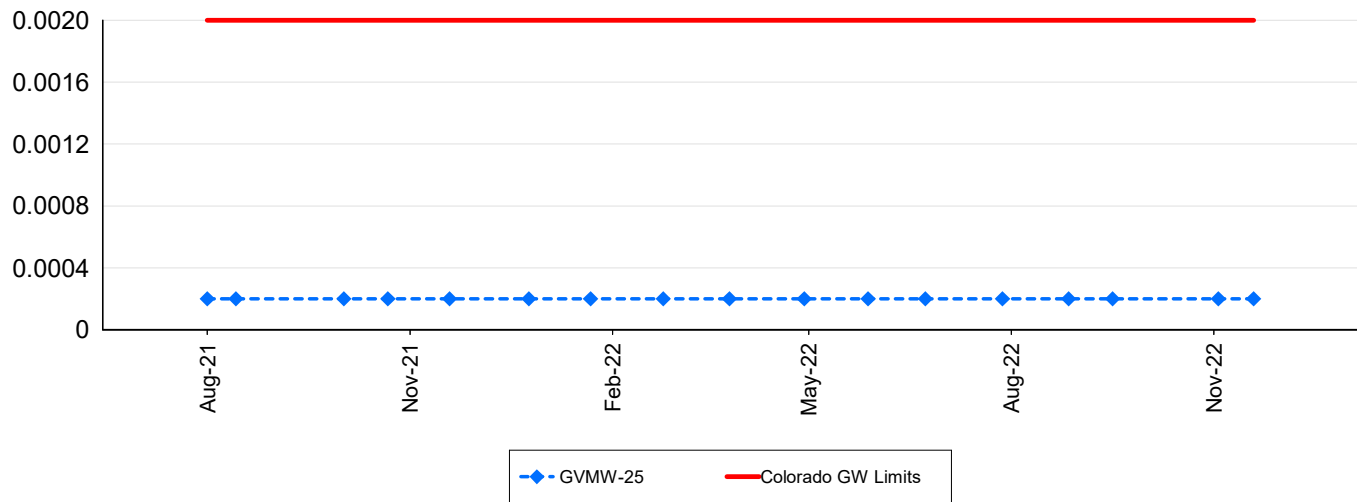
: Lithium - Dissolved (mg/L)



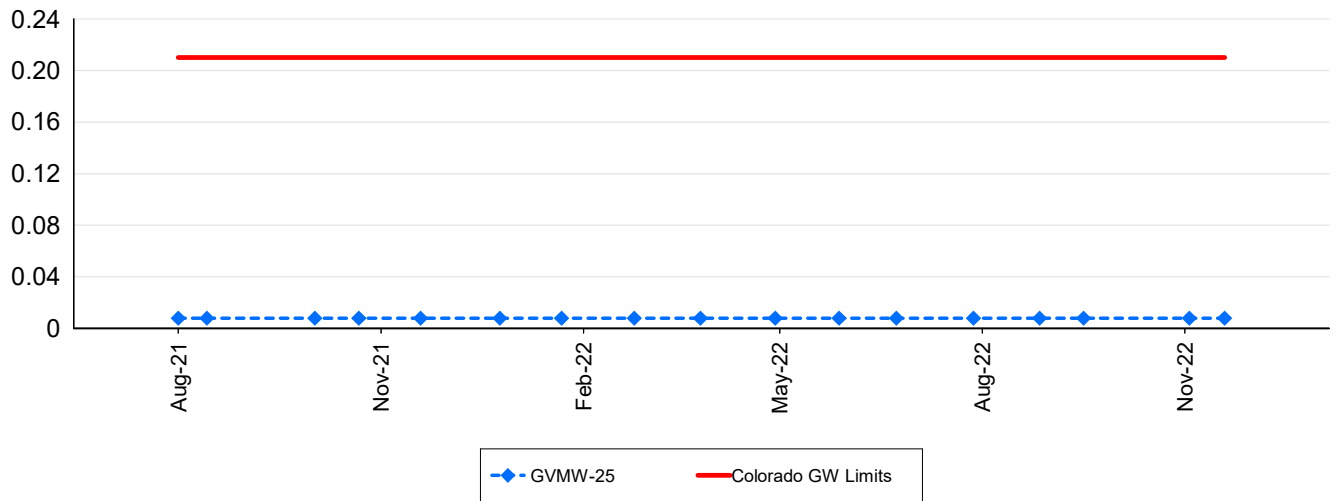
: Manganese - Dissolved (mg/L)



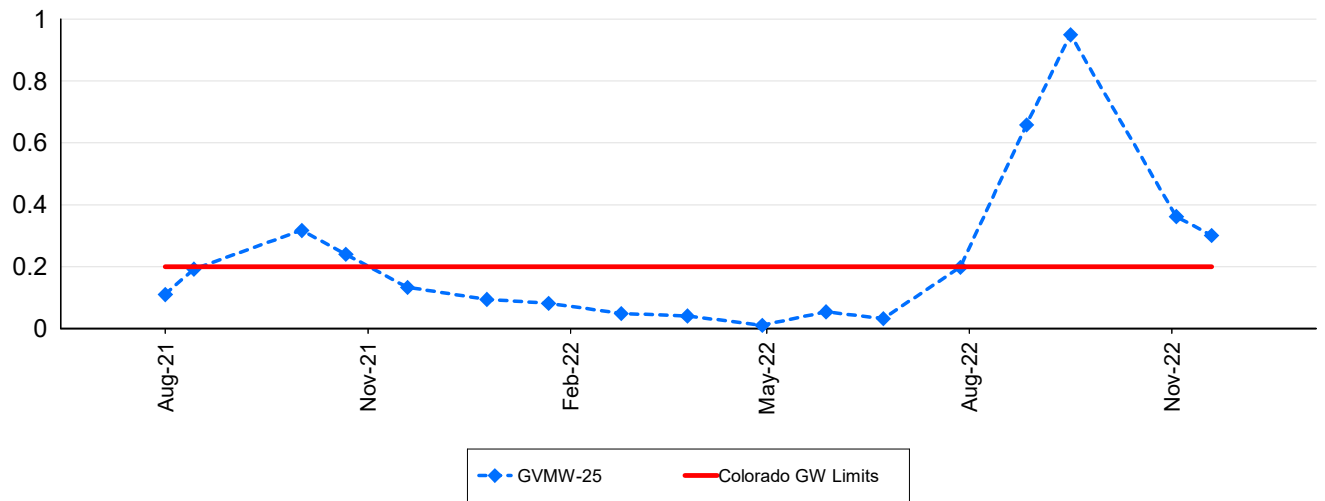
: Mercury - Dissolved (mg/L)



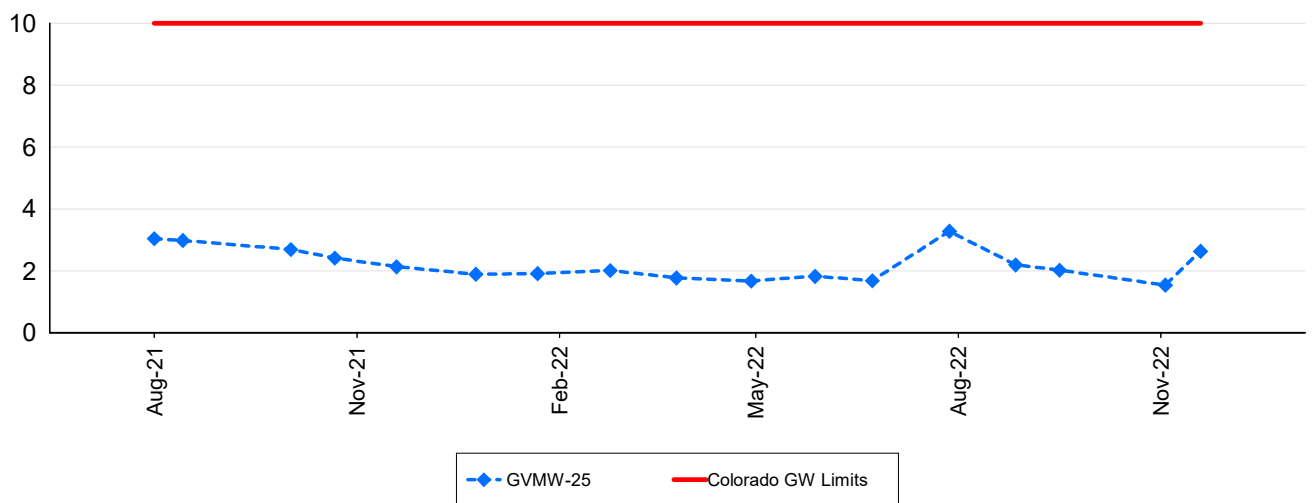
: Molybdenum - Dissolved (mg/L)



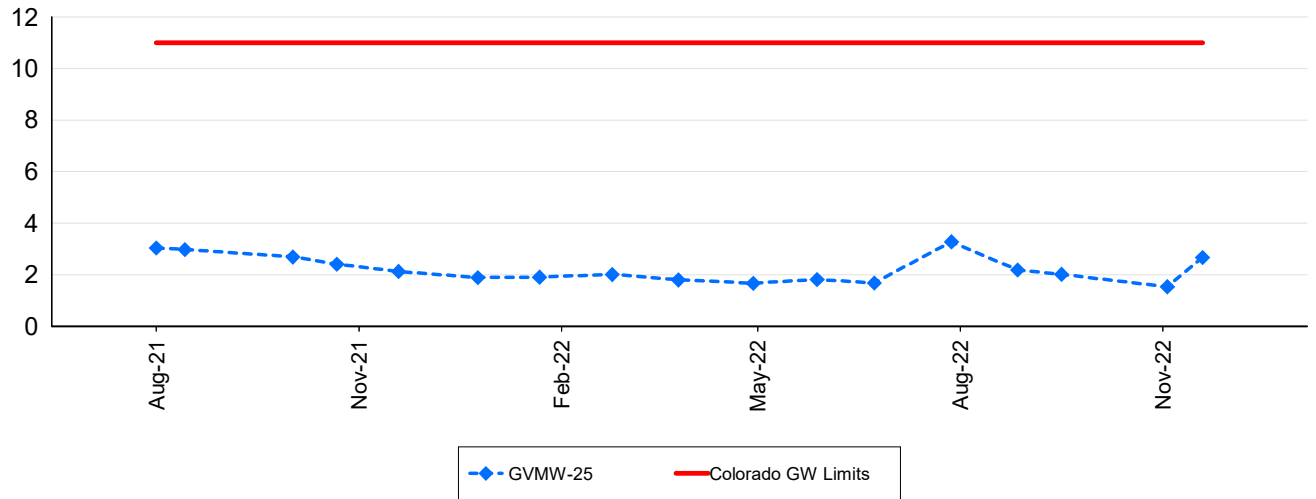
: Nickel - Dissolved (mg/L)



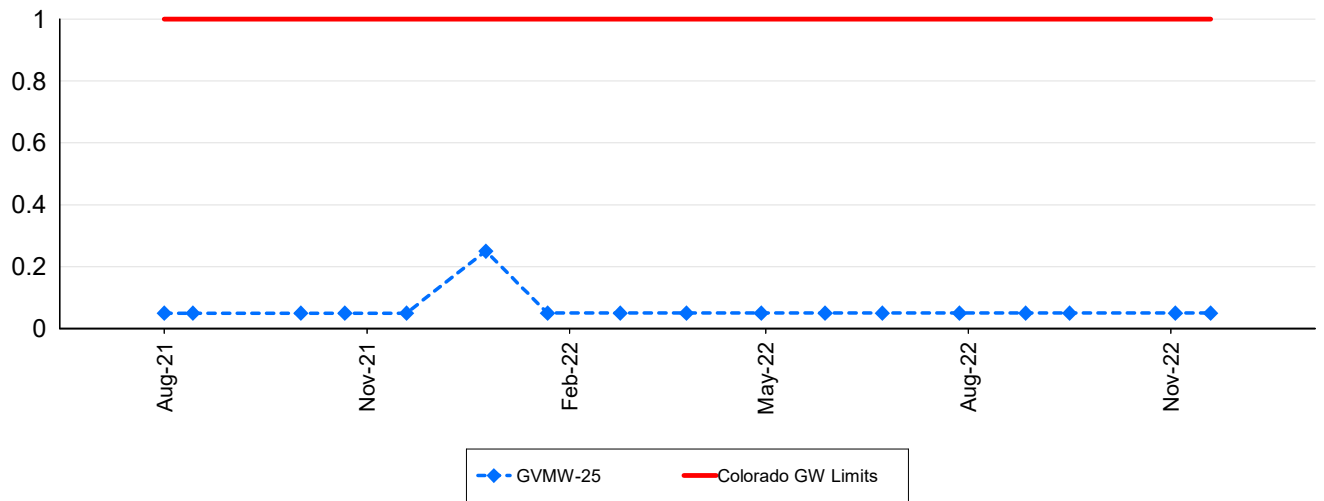
: Nitrate as Nitrogen (mg/L)



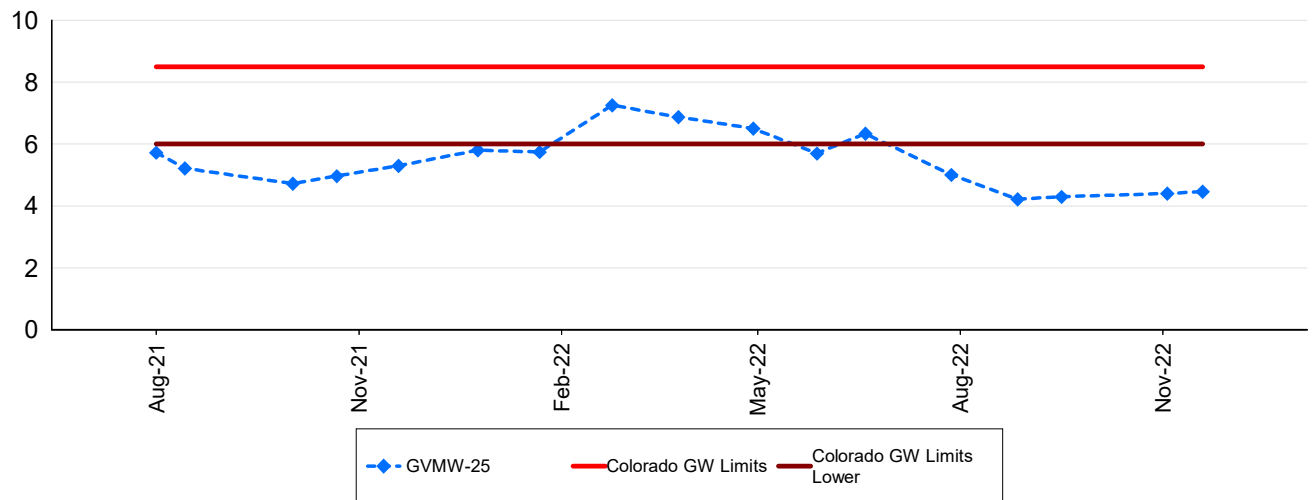
: Nitrite + Nitrate as Nitrogen (mg/L)



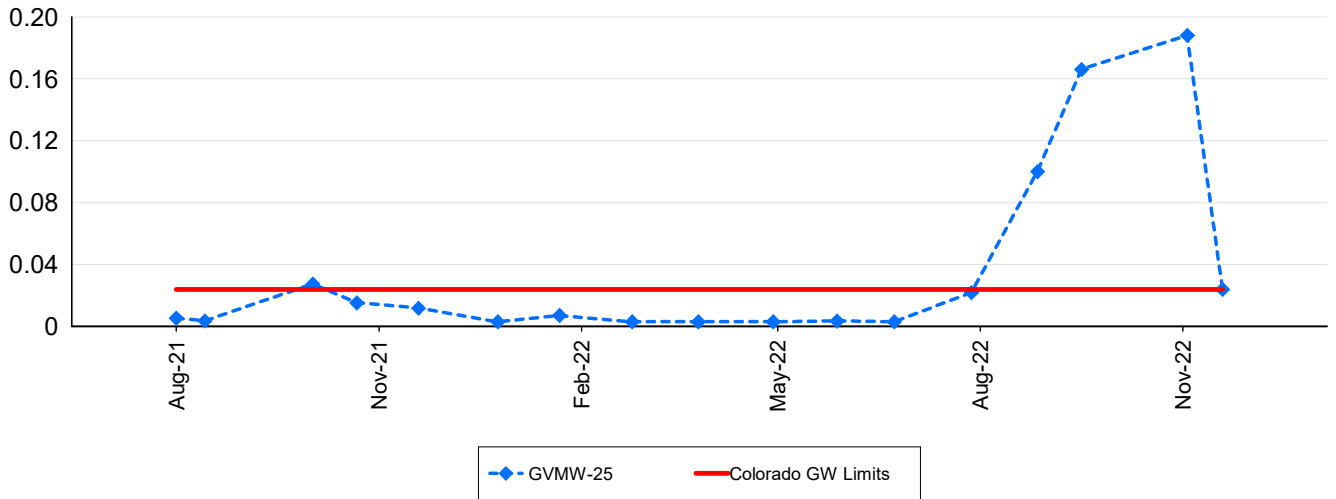
: Nitrite as Nitrogen (mg/L)



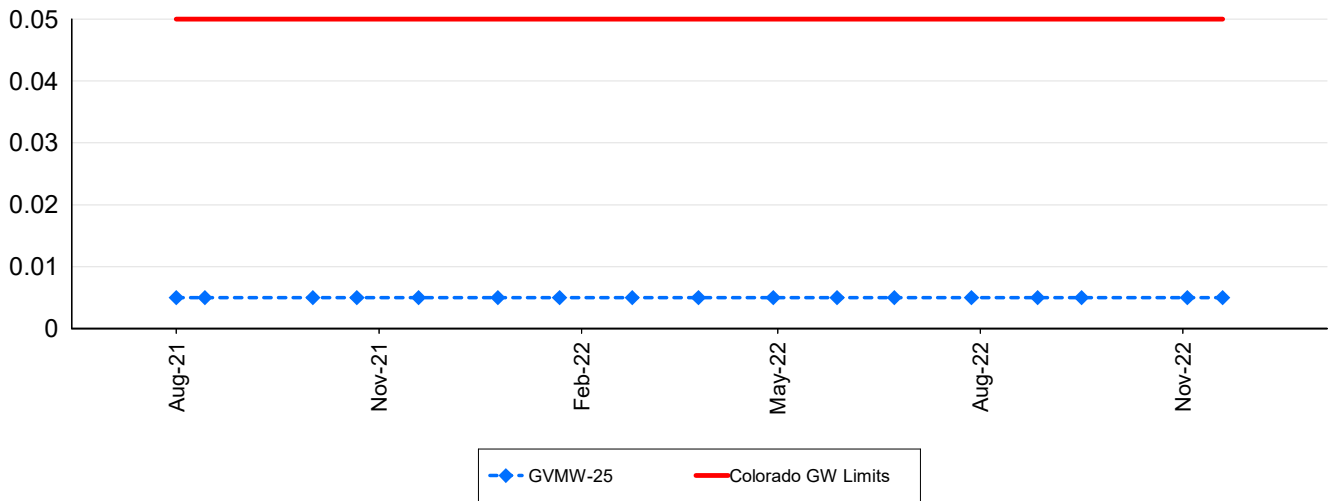
: pH Field (pH unit)



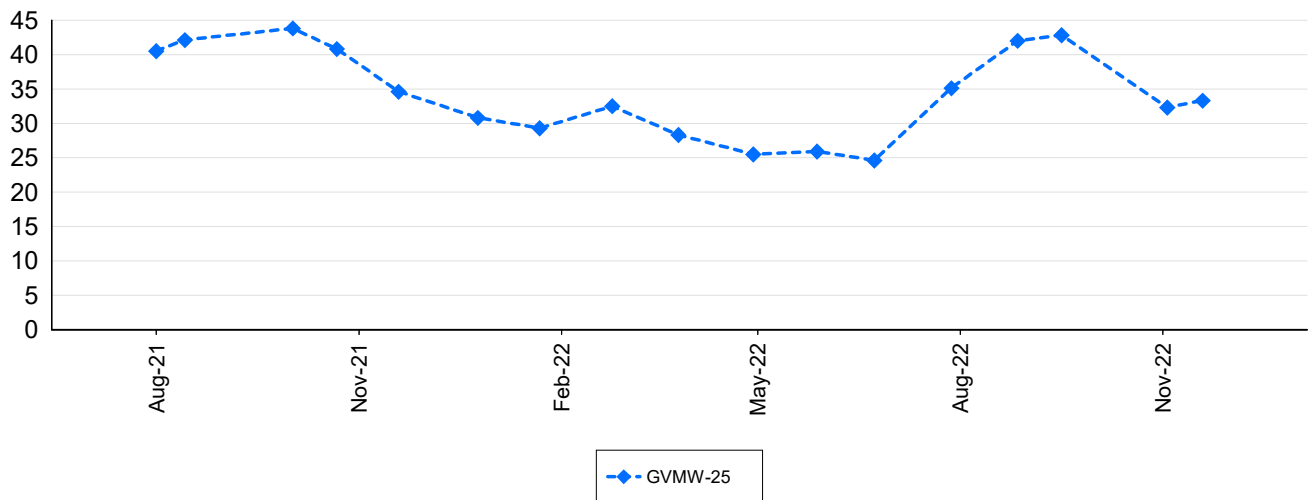
: Selenium - Dissolved (mg/L)



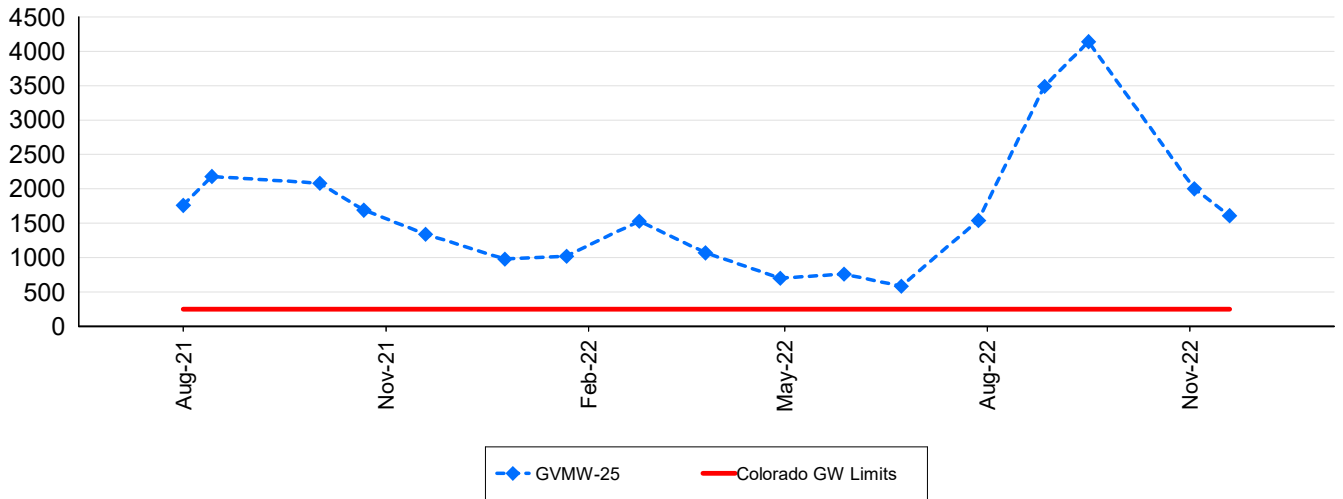
: Silver - Dissolved (mg/L)



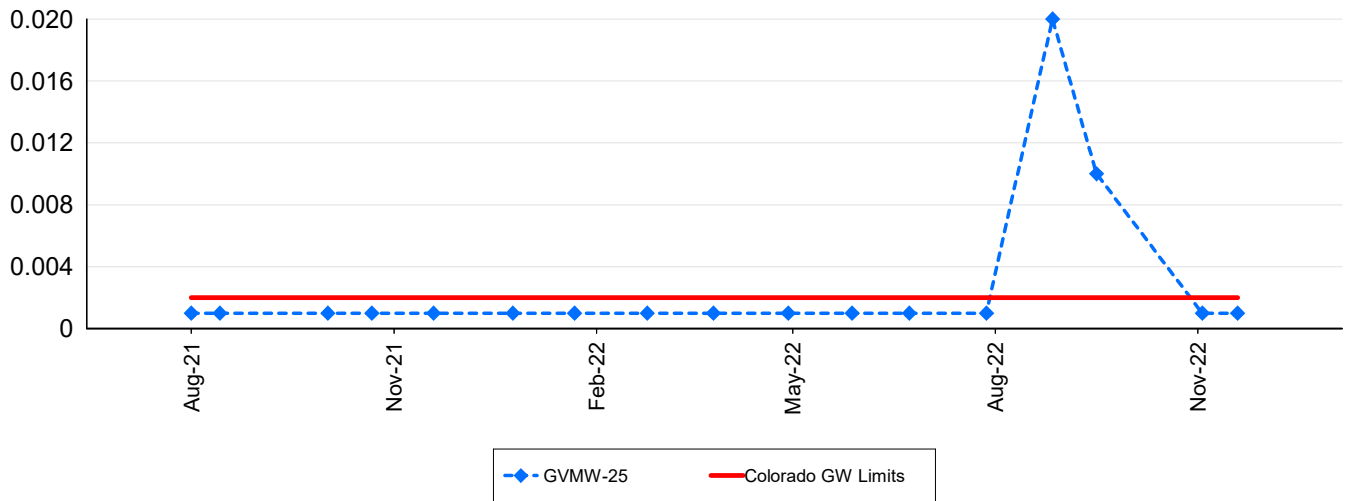
: Sodium - Dissolved (mg/L)



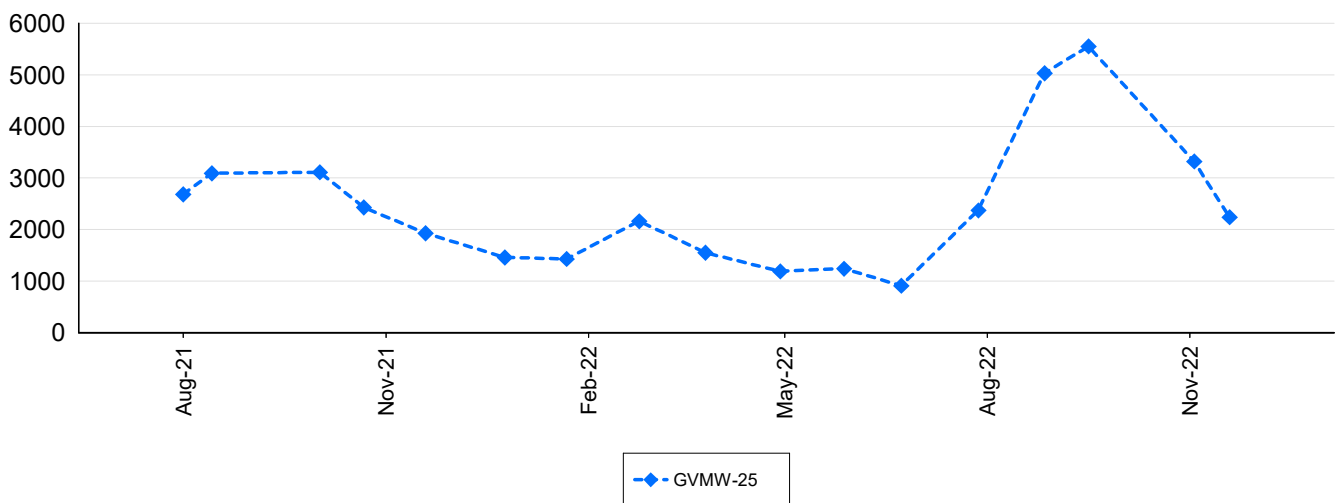
: Sulfate - Total (mg/L)



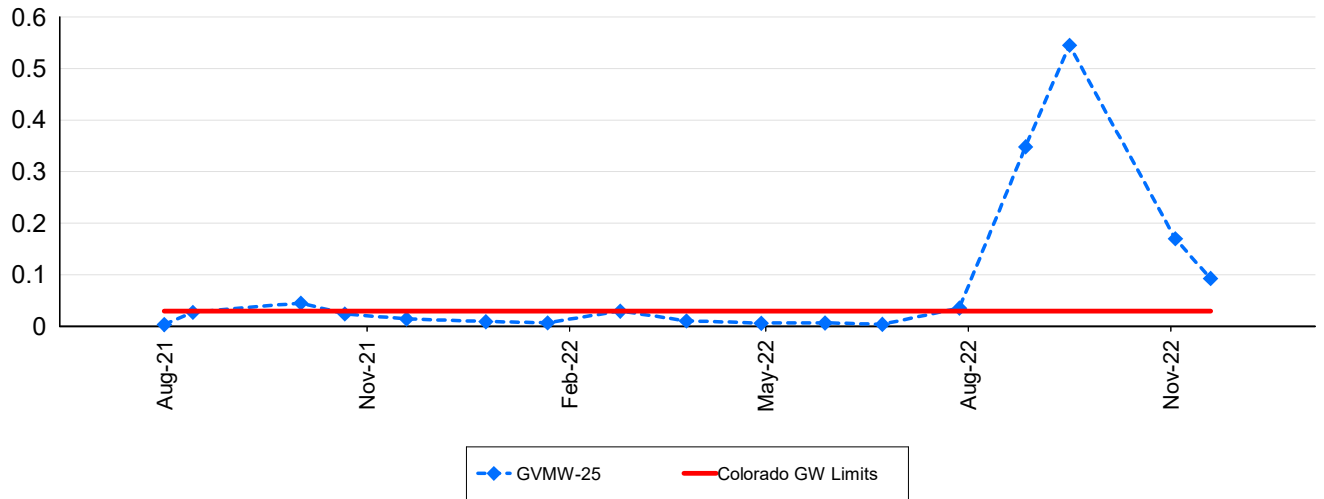
: Thallium - Dissolved (mg/L)



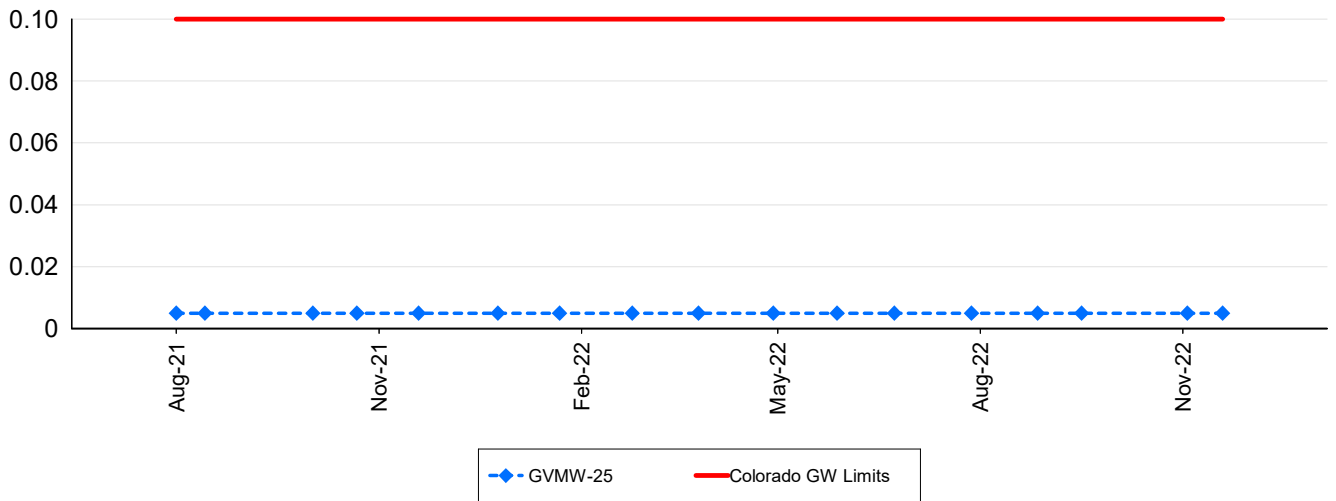
: Total Dissolved Solids (mg/L)



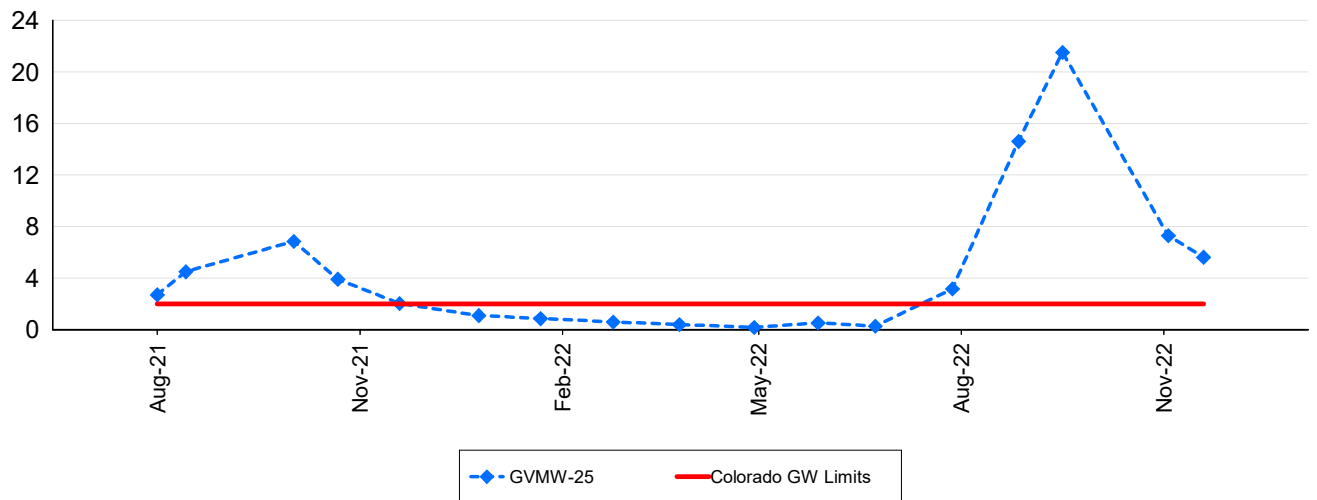
: Uranium - Dissolved (mg/L)



: Vanadium - Dissolved (mg/L)



: Zinc - Dissolved (mg/L)



GVMW-25 Analytical Report

**Newmont - Cripple Creek & Victor**

Post Office Box 191

Victor, CO 80860

Work Order: **X2L0130**

Reported: 06-Jan-23 18:41

Client Sample ID: **GVMW-25**

Sampled: 07-Dec-22 10:30

Received: 08-Dec-22

Sampled By: BOD

SVL Sample ID: **X2L0130-01 (Ground Water)****Sample Report Page 1 of 2**

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	317	mg/L	0.100	0.035		X251059	AS	12/17/22 14:24	M3
EPA 200.7	Magnesium	93.5	mg/L	0.500	0.045		X251059	AS	12/17/22 14:24	
EPA 200.7	Potassium	4.47	mg/L	0.50	0.09		X251059	AS	12/17/22 14:24	
SM 2340 B	Hardness (as CaCO3)	1300	mg/L	2.31	0.543		N/A		12/17/22 14:24	
Metals (Dissolved)										
EPA 200.7	Aluminum	40.3	mg/L	0.080	0.054		X250207	AS	12/29/22 08:15	
EPA 200.7	Barium	0.0119	mg/L	0.0020	0.0019		X250207	AS	12/29/22 08:15	
EPA 200.7	Beryllium	0.0562	mg/L	0.00200	0.00080		X250207	AS	12/29/22 08:15	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X250207	AS	12/29/22 08:15	
EPA 200.7	Cadmium	0.138	mg/L	0.0020	0.0016		X250207	AS	12/29/22 08:15	
EPA 200.7	Calcium	337	mg/L	0.100	0.069		X250207	AS	12/29/22 08:15	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X250207	AS	12/29/22 08:15	
EPA 200.7	Cobalt	0.0993	mg/L	0.0060	0.0046		X250207	AS	12/29/22 08:15	
EPA 200.7	Copper	0.112	mg/L	0.0100	0.0027		X250207	AS	12/29/22 08:15	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X250207	AS	12/29/22 08:15	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X250207	AS	12/29/22 08:15	
EPA 200.7	Lithium	0.059	mg/L	0.040	0.025		X250207	AS	12/29/22 08:15	
EPA 200.7	Magnesium	112	mg/L	0.500	0.090		X250207	AS	12/29/22 08:15	
EPA 200.7	Manganese	20.4	mg/L	0.0080	0.0034		X250207	AS	12/29/22 08:15	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X250207	AS	12/29/22 08:15	
EPA 200.7	Nickel	0.301	mg/L	0.0100	0.0048		X250207	AS	12/29/22 08:15	
EPA 200.7	Potassium	4.41	mg/L	0.50	0.18		X250207	AS	12/29/22 08:15	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X250207	AS	12/29/22 08:15	
EPA 200.7	Sodium	33.3	mg/L	0.50	0.12		X250207	AS	12/29/22 08:15	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X250207	AS	12/29/22 08:15	
EPA 200.7	Zinc	5.62	mg/L	0.0100	0.0054		X250207	AS	12/29/22 08:15	
EPA 200.8	Antimony	< 0.00100	mg/L	0.00100	0.00072		X250212	AS	01/03/23 16:32	
EPA 200.8	Arsenic	0.00417	mg/L	0.00100	0.00021		X250212	AS	01/03/23 16:32	
EPA 200.8	Selenium	0.0239	mg/L	0.00100	0.00024		X250212	AS	01/03/23 16:32	
EPA 200.8	Thallium	< 0.00100	mg/L	0.00100	0.00008		X250212	AS	01/03/23 16:32	
EPA 200.8	Uranium	0.0930	mg/L	0.000100	0.000052		X250212	AS	01/03/23 16:32	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X251029	JRR	12/14/22 15:38	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @19.0°C	< 0.0050	mg/L	0.0050	0.0048		X251008	HJL	12/13/22 10:35	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X250093	KJR	12/13/22 18:49	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X251044	KAG	12/15/22 13:31	
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X251012	HJL	12/13/22 14:27	
SM 2310 B	Acidity to pH 8.3	307	mg/L as CaCO3	10.0			X251192	MWD	12/20/22 13:47	
SM 2320 B	Total Alkalinity	< 1.0	mg/L as CaCO3	1.0			X251153	MWD	12/19/22 15:32	
SM 2320 B	Bicarbonate	< 1.0	mg/L as CaCO3	1.0			X251153	MWD	12/19/22 15:32	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X251153	MWD	12/19/22 15:32	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X251153	MWD	12/19/22 15:32	
SM 2540 C	Total Diss. Solids	2240	mg/L	40			X250194	TJL	12/09/22 13:45	D2
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X250195	TJL	12/09/22 13:45	
SM 4500 H B	pH @20.8°C	4.2	pH Units				X251153	MWD	12/19/22 15:32	H5



One Government Gulch - PO Box 929

Kellogg, ID 83837-0929

(208) 784-1258

www.svl.net

Newmont - Cripple Creek & Victor

Post Office Box 191

Victor, CO 80860

Work Order:

X2L0130

Reported:

06-Jan-23 18:41

Client Sample ID: **GVMW-25**

Sampled: 07-Dec-22 10:30

Received: 08-Dec-22

Sampled By: BOD

SVL Sample ID: **X2L0130-01 (Ground Water)**

Sample Report Page 2 of 2

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	Chloride	19.3	mg/L	10.0	1.10	50	X250159	RS	12/08/22 15:25	D2
EPA 300.0	Fluoride	10.2	mg/L	5.00	0.850	50	X250159	RS	12/08/22 15:25	D2
EPA 300.0	Nitrate as N	2.63	mg/L	2.50	0.650	50	X250159	RS	12/08/22 15:25	D1
EPA 300.0	Nitrate+Nitrite as N	2.67	mg/L	0.100	0.044		X250159	RS	12/08/22 15:09	D1
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X250159	RS	12/08/22 15:09	
EPA 300.0	Sulfate as SO4	1610	mg/L	15.0	9.00	50	X250159	RS	12/08/22 15:25	D2

Cation/Anion Balance and TDS Ratios

Cation Sum: 31.2 meq/L

Anion Sum: 34.8 meq/L

C/A Balance: -5.45 %

Calculated TDS: 2119

TDS/cTDS: 1.06

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Herman J. Haring
Project Manager

Field Sheets

Newmont Mining Co
Cripple Creek & Victor Gold Mining Co

Groundwater Sampling Log

Location : Grassy Valley

Date: 12-7-22

Technician: Dooley

Quarter: 4th

Static Water Level (DTW): 61.1

Well ID: G066-25

Is well Dry? NO

If so Dry at: feet

	Time	Drawdown (ft)	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
61.3	10:05	1.2	4.56	2859	6.1	
62.3	10:10	1.2	4.49	2714	6.2	
62.4	10:15	1.3	4.5	2284	6.2	4L/min
62.4	10:20	1.3	4.49	2233	6.2	
62.4	10:25	1.3	4.48	2208	6.2	
62.4	10:30	1.3	4.46	2234	6.2	4L/min

Sample Method: Low Flow Rate (gpm): ~1 Time Start: 10:05 Time End: 10:30 AM

Final Parameters	Stabilization Guidance	Met?	Comments
pH	4.46	Y/N	
Conductivity	2234	Y/N	
Temp@	6.2	Y/N	
Final H2O level	62.4		

O/G visible: Y/N

Turbid? Y/N

Equipment Decontaminated: Y/N

Decontamination procedure used: Deployable Pump Rinsed. New Filter and Tubing used

Signature: [Signature]

Weather: Clear / Cold

Duplicate and Rinsed Blank Collected

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

RB 20221207

Surface Water Sampling Log

Location: Grossy Valley

Date: 12-7-2022

Technician: Doering

Quarter: 4th

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
10:50 AM	5.9	.92	14.3°	

Sample Method: Rinse Blank

Oil/Gas visible [Y/N] N

Turbid [Y/N] N

Clear [Y/N] N

Weather: Cold and Clear

Signature: 

Comments:

Rinse Before Sampling G/MW = 25.

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: Ease Srep 1

Date: 12-7-22

Technician: Doering

Quarter: 4th

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
2:45 pm	—	—	—	

Sample
Method:

No sample

Oil/Gas visible

[Y/N]

Turbid

[Y/N]

Clear

[Y/N]

Weather:

Clear Cold

Signature:

[Signature]

Comments:

Srep and Collection Pond Frozen Solid.
No Flow

Newmont Mining Co

Cripple Creek & Victor Gold Mining Co

Surface Water Sampling Log

Location: Ecosa Seep 2

Date: 12-7-22

Technician: Docering

Quarter: 4H

Time	pH (S.U.)	Cond. (uS/cm)	Temp. (°C)	Notes
2:50 pm	<u> </u>	<u> </u>	<u> </u>	

Sample Method: No Sample

Oil/Gas visible [Y/N]

Turbid [Y/N]

Clear [Y/N]

Weather: Clear Cold

Signature: 

Comments:

Seeps and Collection Pool Both Frozen Solid
No Flow

QA/QC

**Newmont - Cripple Creek & Victor**

Post Office Box 191

Victor, CO 80860

Work Order: **X2L0130**

Reported: 06-Jan-23 18:41

Client Sample ID: **GVMW-25 Duplicate**

Sampled: 07-Dec-22 10:30

Received: 08-Dec-22

Sampled By: BOD

SVL Sample ID: **X2L0130-02 (Ground Water)****Sample Report Page 1 of 2**

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	326	mg/L	0.100	0.035		X251059	AS	12/17/22 14:31	
EPA 200.7	Magnesium	93.8	mg/L	0.500	0.045		X251059	AS	12/17/22 14:31	
EPA 200.7	Potassium	4.58	mg/L	0.50	0.09		X251059	AS	12/17/22 14:31	
SM 2340 B	Hardness (as CaCO3)	1270	mg/L	2.31	0.457		N/A		12/17/22 14:31	

Metals (Dissolved)

EPA 200.7	Aluminum	42.3	mg/L	0.080	0.054		X250207	AS	12/29/22 08:18	
EPA 200.7	Barium	0.0121	mg/L	0.0020	0.0019		X250207	AS	12/29/22 08:18	
EPA 200.7	Beryllium	0.0603	mg/L	0.00200	0.00080		X250207	AS	12/29/22 08:18	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X250207	AS	12/29/22 08:18	
EPA 200.7	Cadmium	0.146	mg/L	0.0020	0.0016		X250207	AS	12/29/22 08:18	
EPA 200.7	Calcium	336	mg/L	0.100	0.069		X250207	AS	12/29/22 08:18	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X250207	AS	12/29/22 08:18	
EPA 200.7	Cobalt	0.105	mg/L	0.0060	0.0046		X250207	AS	12/29/22 08:18	
EPA 200.7	Copper	0.124	mg/L	0.0100	0.0027		X250207	AS	12/29/22 08:18	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X250207	AS	12/29/22 08:18	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X250207	AS	12/29/22 08:18	
EPA 200.7	Lithium	0.058	mg/L	0.040	0.025		X250207	AS	12/29/22 08:18	
EPA 200.7	Magnesium	111	mg/L	0.500	0.090		X250207	AS	12/29/22 08:18	
EPA 200.7	Manganese	21.1	mg/L	0.0080	0.0034		X250207	AS	12/29/22 08:18	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X250207	AS	12/29/22 08:18	
EPA 200.7	Nickel	0.316	mg/L	0.0100	0.0048		X250207	AS	12/29/22 08:18	
EPA 200.7	Potassium	4.37	mg/L	0.50	0.18		X250207	AS	12/29/22 08:18	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X250207	AS	12/29/22 08:18	
EPA 200.7	Sodium	33.3	mg/L	0.50	0.12		X250207	AS	12/29/22 08:18	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X250207	AS	12/29/22 08:18	
EPA 200.7	Zinc	5.88	mg/L	0.0100	0.0054		X250207	AS	12/29/22 08:18	
EPA 200.8	Antimony	< 0.00100	mg/L	0.00100	0.00072		X250212	AS	01/03/23 16:40	
EPA 200.8	Arsenic	0.00405	mg/L	0.00100	0.00021		X250212	AS	01/03/23 16:40	
EPA 200.8	Selenium	0.0272	mg/L	0.00100	0.00024		X250212	AS	01/05/23 21:12	
EPA 200.8	Thallium	< 0.00100	mg/L	0.00100	0.00008		X250212	AS	01/03/23 16:40	
EPA 200.8	Uranium	0.0947	mg/L	0.000100	0.000052		X250212	AS	01/03/23 16:40	

Metals (Filtered)

EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X251029	JRR	12/14/22 15:40	
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Classical Chemistry Parameters

ASTM D7237	Cyanide (free) @ pH 6 @19.0°C	< 0.0050	mg/L	0.0050	0.0048		X251008	HJL	12/13/22 10:41	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X250093	KJR	12/13/22 18:52	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X251044	KAG	12/15/22 13:45	
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X251012	HJL	12/13/22 14:33	
SM 2310 B	Acidity to pH 8.3	307	mg/L as CaCO3	10.0			X251192	MWD	12/20/22 13:47	
SM 2320 B	Total Alkalinity	< 1.0	mg/L as CaCO3	1.0			X251153	MWD	12/19/22 15:37	
SM 2320 B	Bicarbonate	< 1.0	mg/L as CaCO3	1.0			X251153	MWD	12/19/22 15:37	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO3	1.0			X251153	MWD	12/19/22 15:37	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO3	1.0			X251153	MWD	12/19/22 15:37	
SM 2540 C	Total Diss. Solids	2120	mg/L	40			X250194	TJL	12/09/22 13:45	D2
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X250195	TJL	12/09/22 13:45	
SM 4500 H B	pH @21.0°C	4.2	pH Units				X251153	MWD	12/19/22 15:37	H5



One Government Gulch - PO Box 929

Kellogg, ID 83837-0929

(208) 784-1258

www.svl.net

Newmont - Cripple Creek & Victor

Post Office Box 191

Victor, CO 80860

Work Order:

X2L0130

Reported:

06-Jan-23 18:41

Client Sample ID: **GVMW-25 Duplicate**

Sampled: 07-Dec-22 10:30

Received: 08-Dec-22

Sampled By: BOD

SVL Sample ID: **X2L0130-02 (Ground Water)**

Sample Report Page 2 of 2

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	Chloride	19.8	mg/L	10.0	1.10	50	X250159	RS	12/08/22 15:59	D2
EPA 300.0	Fluoride	10.0	mg/L	5.00	0.850	50	X250159	RS	12/08/22 15:59	D2
EPA 300.0	Nitrate as N	< 2.50	mg/L	2.50	0.650	50	X250159	RS	12/08/22 15:59	D1
EPA 300.0	Nitrate+Nitrite as N	2.27	mg/L	0.100	0.044		X250159	RS	12/08/22 15:42	D1
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X250159	RS	12/08/22 15:42	
EPA 300.0	Sulfate as SO4	1610	mg/L	15.0	9.00	50	X250159	RS	12/08/22 15:59	D2

Cation/Anion Balance and TDS Ratios

Cation Sum: 31.7 meq/L

Anion Sum: 34.8 meq/L

C/A Balance: -4.66 %

Calculated TDS: 2121

TDS/cTDS: 1.00

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Herman J. Haring
Project Manager

**Newmont - Cripple Creek & Victor**

Post Office Box 191

Victor, CO 80860

Work Order: **X2L0130**

Reported: 06-Jan-23 18:41

Client Sample ID: **RB20221207**

Sampled: 07-Dec-22 10:50

Received: 08-Dec-22

Sampled By: BOD

SVL Sample ID: **X2L0130-03 (Ground Water)**

Sample Report Page 1 of 2

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Metals (Total Recoverable--reportable as Total per 40 CFR 136)										
EPA 200.7	Calcium	< 0.100	mg/L	0.100	0.035		X251059	AS	12/17/22 14:34	
EPA 200.7	Magnesium	< 0.500	mg/L	0.500	0.045		X251059	AS	12/17/22 14:34	
EPA 200.7	Potassium	< 0.50	mg/L	0.50	0.09		X251059	AS	12/17/22 14:34	
SM 2340 B	Hardness (as CaCO ₃)	< 2.31	mg/L	2.31	0.358		N/A		12/29/22 08:21	
Metals (Dissolved)										
EPA 200.7	Aluminum	< 0.080	mg/L	0.080	0.054		X250207	AS	12/29/22 08:21	
EPA 200.7	Barium	< 0.0020	mg/L	0.0020	0.0019		X250207	AS	12/29/22 08:21	
EPA 200.7	Beryllium	< 0.00200	mg/L	0.00200	0.00080		X250207	AS	12/29/22 08:21	
EPA 200.7	Boron	< 0.0400	mg/L	0.0400	0.0078		X250207	AS	12/29/22 08:21	
EPA 200.7	Cadmium	< 0.0020	mg/L	0.0020	0.0016		X250207	AS	12/29/22 08:21	
EPA 200.7	Calcium	0.167	mg/L	0.100	0.069		X250207	AS	12/29/22 08:21	
EPA 200.7	Chromium	< 0.0060	mg/L	0.0060	0.0020		X250207	AS	12/29/22 08:21	
EPA 200.7	Cobalt	< 0.0060	mg/L	0.0060	0.0046		X250207	AS	12/29/22 08:21	
EPA 200.7	Copper	< 0.0100	mg/L	0.0100	0.0027		X250207	AS	12/29/22 08:21	
EPA 200.7	Iron	< 0.100	mg/L	0.100	0.056		X250207	AS	12/29/22 08:21	
EPA 200.7	Lead	< 0.0075	mg/L	0.0075	0.0049		X250207	AS	12/29/22 08:21	
EPA 200.7	Lithium	< 0.040	mg/L	0.040	0.025		X250207	AS	12/29/22 08:21	
EPA 200.7	Magnesium	< 0.500	mg/L	0.500	0.090		X250207	AS	12/29/22 08:21	
EPA 200.7	Manganese	< 0.0080	mg/L	0.0080	0.0034		X250207	AS	12/29/22 08:21	
EPA 200.7	Molybdenum	< 0.0080	mg/L	0.0080	0.0034		X250207	AS	12/29/22 08:21	
EPA 200.7	Nickel	< 0.0100	mg/L	0.0100	0.0048		X250207	AS	12/29/22 08:21	
EPA 200.7	Potassium	< 0.50	mg/L	0.50	0.18		X250207	AS	12/29/22 08:21	
EPA 200.7	Silver	< 0.0050	mg/L	0.0050	0.0019		X250207	AS	12/29/22 08:21	
EPA 200.7	Sodium	< 0.50	mg/L	0.50	0.12		X250207	AS	12/29/22 08:21	
EPA 200.7	Vanadium	< 0.0050	mg/L	0.0050	0.0019		X250207	AS	12/29/22 08:21	
EPA 200.7	Zinc	< 0.0100	mg/L	0.0100	0.0054		X250207	AS	12/29/22 08:21	
EPA 200.8	Antimony	< 0.00100	mg/L	0.00100	0.00072		X250212	AS	01/03/23 16:42	
EPA 200.8	Arsenic	< 0.00100	mg/L	0.00100	0.00021		X250212	AS	01/03/23 16:42	
EPA 200.8	Selenium	< 0.00100	mg/L	0.00100	0.00024		X250212	AS	01/05/23 21:14	
EPA 200.8	Thallium	< 0.00100	mg/L	0.00100	0.00008		X250212	AS	01/03/23 16:42	
EPA 200.8	Uranium	< 0.000100	mg/L	0.000100	0.000052		X250212	AS	01/03/23 16:42	
Metals (Filtered)										
EPA 245.1	Mercury	< 0.000200	mg/L	0.000200	0.000093		X251029	JRR	12/14/22 15:42	
Classical Chemistry Parameters										
ASTM D7237	Cyanide (free) @ pH 6 @19.0°C	< 0.0050	mg/L	0.0050	0.0048		X251008	HJL	12/13/22 10:43	
EPA 335.4	Cyanide (total)	< 0.0050	mg/L	0.0050	0.0038		X250093	KJR	12/13/22 18:54	
EPA 350.1	Ammonia as N	< 0.030	mg/L	0.030	0.013		X251044	KAG	12/15/22 13:47	
OIA 1677	Cyanide (WAD)	< 0.0050	mg/L	0.0050	0.0010		X251012	HJL	12/13/22 14:35	
SM 2310 B	Acidity to pH 8.3	< 10.0	mg/L as CaCO ₃	10.0			X251192	MWD	12/20/22 13:47	
SM 2320 B	Total Alkalinity	< 1.0	mg/L as CaCO ₃	1.0			X251153	MWD	12/19/22 15:43	
SM 2320 B	Bicarbonate	< 1.0	mg/L as CaCO ₃	1.0			X251153	MWD	12/19/22 15:43	
SM 2320 B	Carbonate	< 1.0	mg/L as CaCO ₃	1.0			X251153	MWD	12/19/22 15:43	
SM 2320 B	Hydroxide	< 1.0	mg/L as CaCO ₃	1.0			X251153	MWD	12/19/22 15:43	
SM 2540 C	Total Diss. Solids	< 10	mg/L	10			X250194	TJL	12/09/22 13:45	
SM 2540 D	Total Susp. Solids	< 5.0	mg/L	5.0			X250195	TJL	12/09/22 13:45	
SM 4500 H B	pH @21.1°C	5.5	pH Units				X251153	MWD	12/19/22 15:43	H5



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Newmont - Cripple Creek & Victor

Post Office Box 191

Victor, CO 80860

Work Order:

X2L0130

Reported:

06-Jan-23 18:41

Client Sample ID: **RB20221207**

Sampled: 07-Dec-22 10:50

Received: 08-Dec-22

Sampled By: BOD

SVL Sample ID: **X2L0130-03 (Ground Water)**

Sample Report Page 2 of 2

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
Anions by Ion Chromatography										
EPA 300.0	Chloride	< 0.20	mg/L	0.20	0.02		X250159	RS	12/08/22 16:16	
EPA 300.0	Fluoride	< 0.100	mg/L	0.100	0.017		X250159	RS	12/08/22 16:16	
EPA 300.0	Nitrate as N	< 0.050	mg/L	0.050	0.013		X250159	RS	12/08/22 16:16	
EPA 300.0	Nitrate+Nitrite as N	< 0.100	mg/L	0.100	0.044		X250159	RS	12/08/22 16:16	
EPA 300.0	Nitrite as N	< 0.050	mg/L	0.050	0.031		X250159	RS	12/08/22 16:16	
EPA 300.0	Sulfate as SO ₄	0.49	mg/L	0.30	0.18		X250159	RS	12/08/22 16:16	

Cation/Anion Balance and TDS Ratios

Cation Sum: 0.03 meq/L

Anion Sum: 0.04 meq/L

C/A Balance: -14.73 %

Calculated TDS: 1

TDS/cTDS: 0.00

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Herman J. Haring
Project Manager

Surface Water Photos





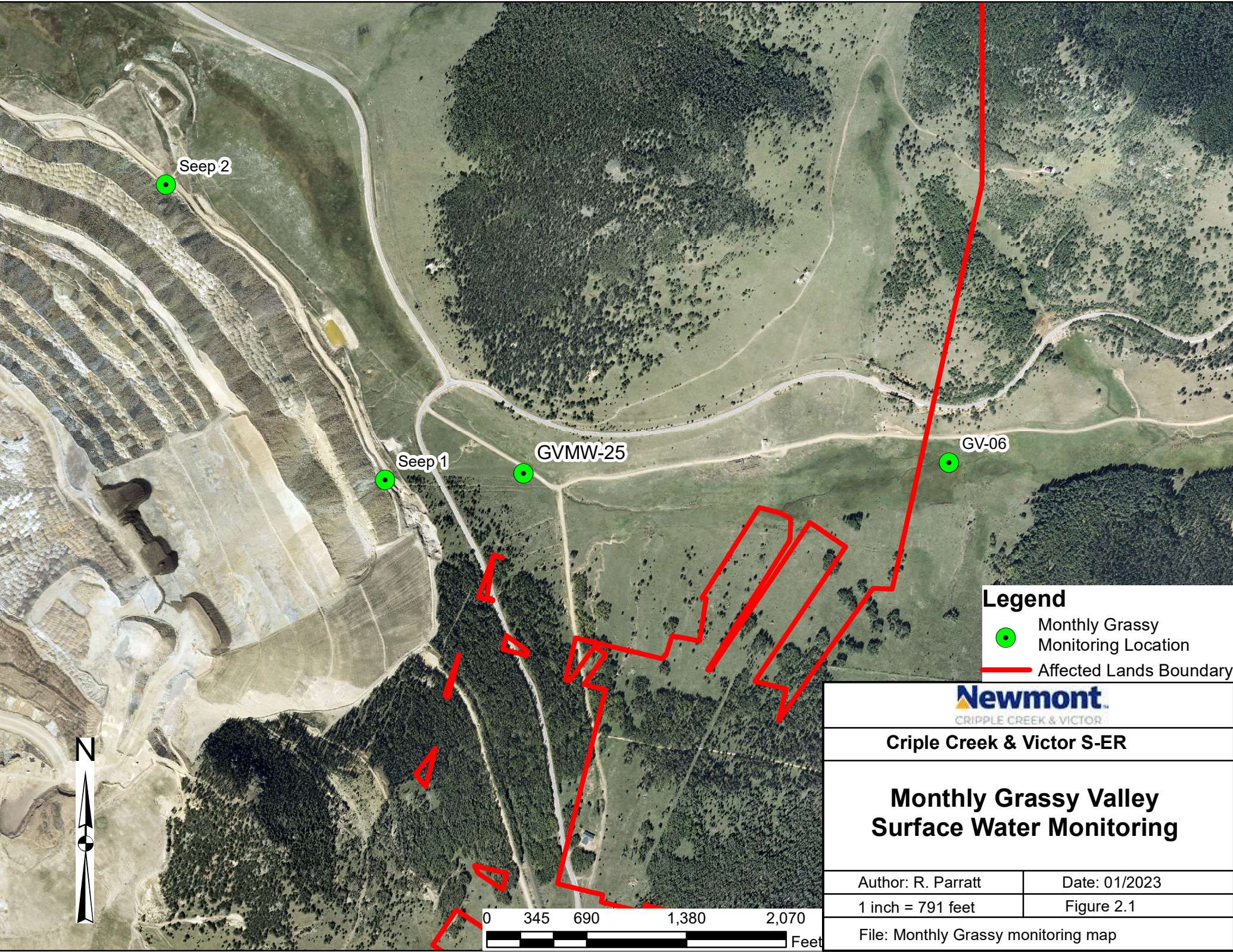






G106

Map



Legend

- Monthly Grassy Monitoring Location
- Affected Lands Boundary



Cripple Creek & Victor S-ER

**Monthly Grassy Valley
Surface Water Monitoring**

Author: R. Parratt	Date: 01/2023
1 inch = 791 feet	Figure 2.1
File: Monthly Grassy monitoring map	



CC&V Monthly Grassy Monitoring - December 2022

Ronald Parratt <mail@sf-notifications.com>
Reply-To: Ronald.Parratt@newmont.com
To: elliott.russell@state.co.us

Wed, Feb 15, 2023 at 7:41 AM



Elliott,

Ronald Parratt has sent you files.

Expires 8/14/23

A note from Ronald

Good Morning Mr. Russell,

I send you an email with the December 2022 Monthly Grassy Monitoring this morning, however, I got an email back saying that the attachment was too large. Please use the link associated with this email to obtain the above referenced report

Best Regards ,
Ron

Open

Trouble with the above link? You can copy and paste the following URL into your web browser:

[Redacted URL]

ShareFile is a tool for sending, receiving, and organizing your business files online. It can be used as a password-protected area for sharing information with clients and partners, and it's an easy way to send files that are too large to e-mail.