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## Notification of Water Quality Parameter Exceedances

1 message

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**Ronald Parratt** <Ronald.Parratt@newmont.com>  
To: "Eschberger - DNR, Amy" <amy.eschberger@state.co.us>  
Cc: Justin Raglin <Justin.Raglin@newmont.com>

Thu, Dec 20, 2018 at 1:49 PM

Dear Mrs. Eschberger,

Please see the attached document for notification of Water Quality Parameter exceedances for groundwater samples collected in Q4, 2018.

If you have any questions please reach out to me via phone at 719.689.4019

Best Regards,

Ron



**Ronald Parratt**

Environmental Specialist

Cripple Creek and Victor Gold Mining Co.

T 719.689.4019

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Cripple Creek and Victor Gold Mining Co.

100 North 3<sup>rd</sup> Street

Victor, CO 80860

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**DRMS Water Quality Exceedance Notification 12-20-18.pdf**

302K



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December 20, 2018

SENT VIA EMAIL

Mrs. Amy Eschberger  
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: Permit No. M-1980-244; Cripple Creek & Victor Gold Mining Company ("CC&V"); Cresson Project – Notification of Water Quality Analysis Parameter Exceedances December 20, 2018**

Dear Mrs. Eschberger:

In accordance with Rule 9, Section 3.1.7 of the Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal, and Designated Mining Operations (Rules), the Cripple Creek and Victor Gold Mining Company (CC&V) hereby provides the Division of Reclamation, Mining and Safety (Division) with a formal notification of water quality parameter exceedances.

CC&V collected fourth quarter compliance groundwater samples from monitoring wells GVMW-8A and PGMW-3 on December 3<sup>rd</sup>, 2018, and received the lab report for these analyses on December 18, 2018. CC&V collected compliance groundwater samples from monitoring well SGMW-6B on December 4, 2018, and received the lab report for these analyses on December 19, 2018. Upon review of the data CC&V determined that GVMW-8A exceeded established numeric protection limits for copper, PGMW-3 exceeded established numeric protection limits for cadmium, copper, fluoride, manganese, nitrate as N, nitrite as N, pH, sulfate, and zinc and SGMW-6B exceeded established numeric protection limits for fluoride, manganese, and sulfate. The table below lists the exceedances for the locations and the associated parameters. The attached graphs demonstrate parameter trends from Q1 2017 to present for monitor wells GVMW-8A and SGMW-6B.

Location	Sample Date	Parameter	Value (mg/L)	NPL (mg/L)	Table Standard (mg/L)
GVMW-8A	12/3/2018	Copper	0.0103	0.008	0.2
PGMW-3	12/3/2018	Cadmium	0.00661	0.004	0.005
PGMW-3	12/3/2018	Copper	1.55	0.008	0.2
PGMW-3	12/3/2018	Fluoride	2.07	2	2
PGMW-3	12/3/2018	Manganese	10.9	3	0.05
PGMW-3	12/3/2018	Nitrate as N	7.54	3	10
PGMW-3	12/3/2018	Nitrite as N	0.517	0.05	1
PGMW-3	12/3/2018	pH	4.65	6	6.5 - 8.5
PGMW-3	12/3/2018	Sulfate	439	250	250
PGMW-3	12/3/2018	Zinc	1.12	0.7	2
SGMW-6B	12/4/2018	Fluoride	6.72	2	2
SGMW-6B	12/4/2018	Manganese	5.92	3	0.05
SGMW-6B	12/4/2018	Sulfate	917	250	250

Should you require further information please do not hesitate to contact Ronald Parratt at 719.689.4019 or [ronald.parratt@newmont.com](mailto:ronald.parratt@newmont.com) or myself at 719.689.4042 or [justin.raglin@newmont.com](mailto:justin.raglin@newmont.com).

Sincerely,



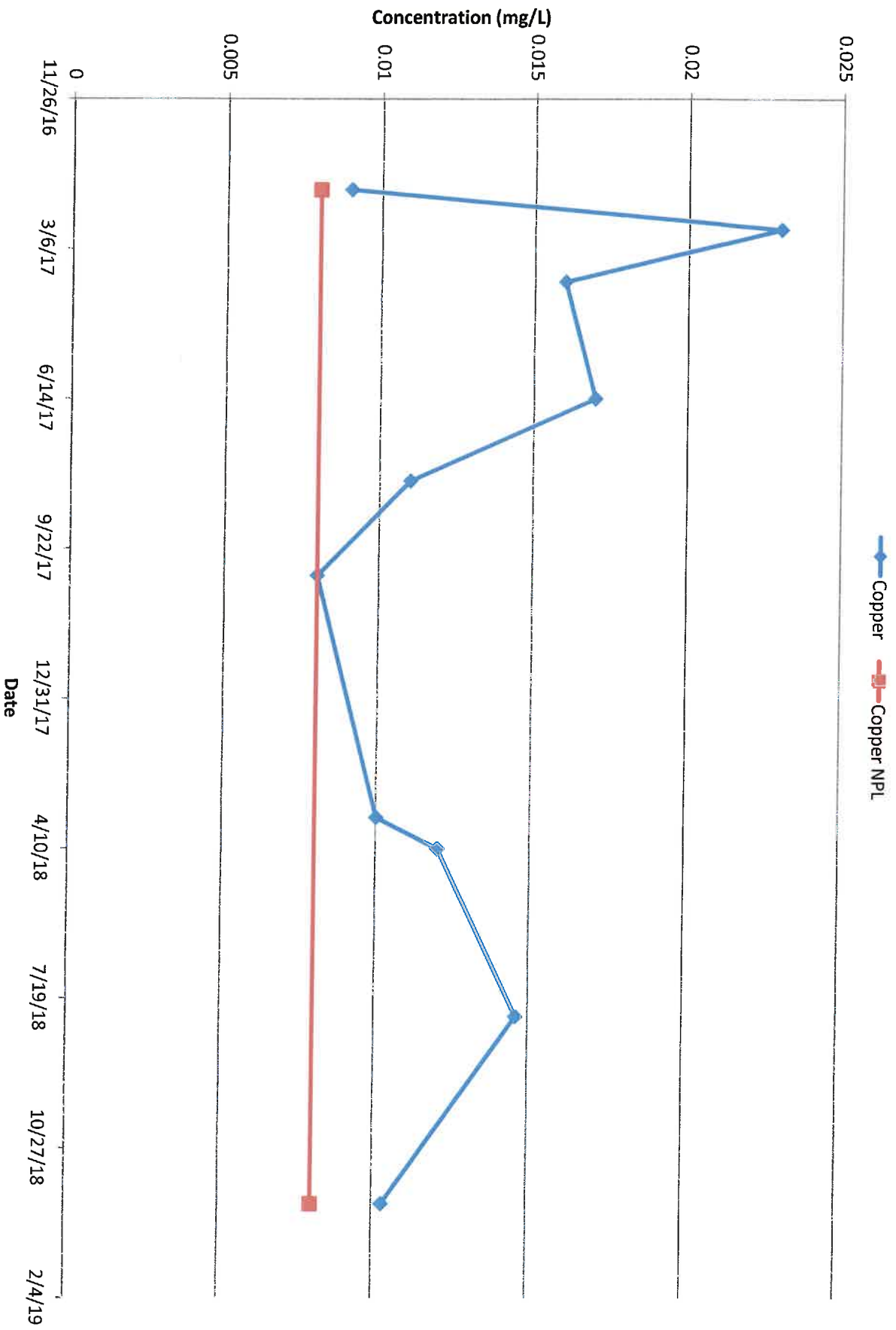
Justin Raglin  
Senior Environmental Manager  
Cripple Creek and Victor Gold Mine

JR/RP

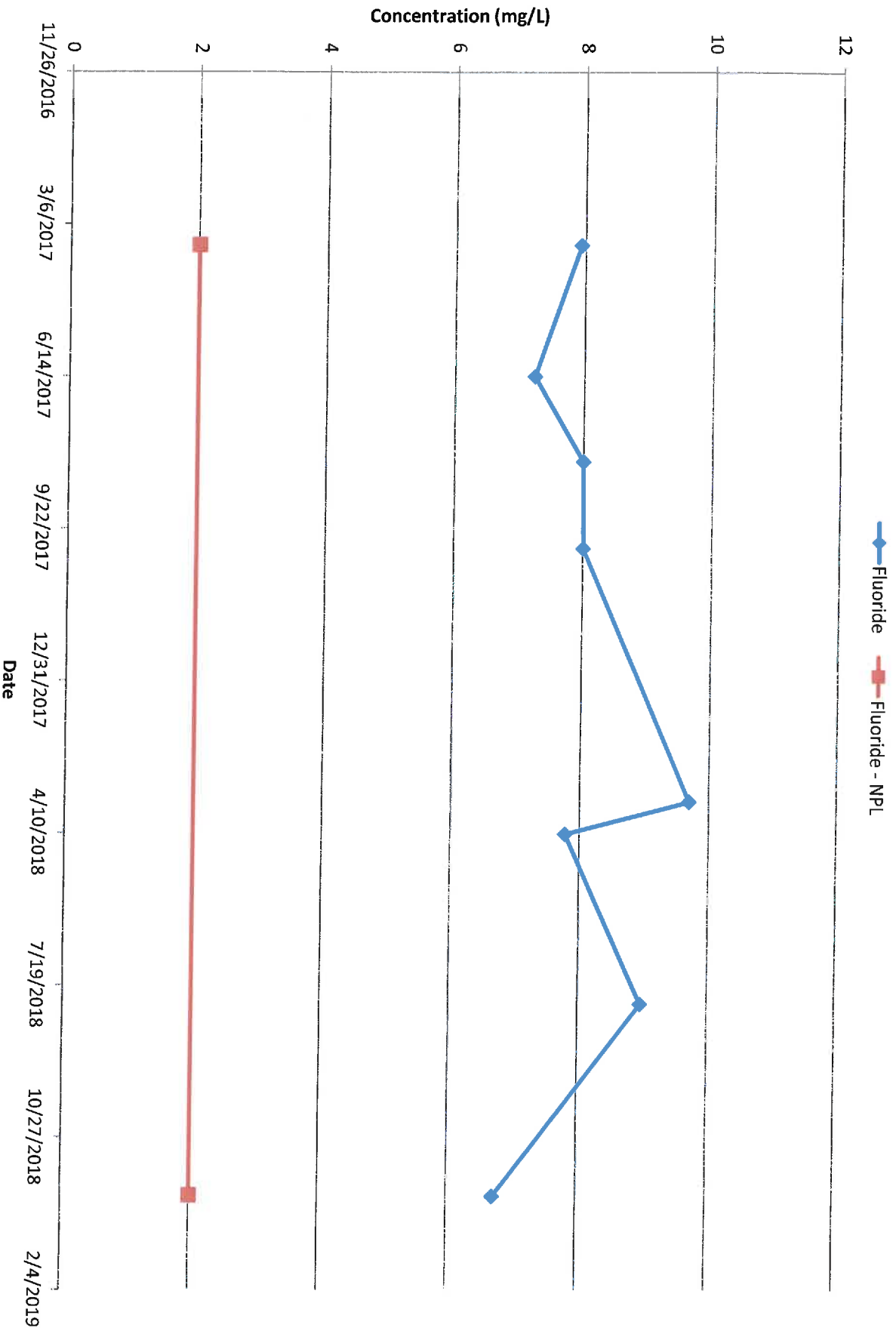
ec: Amy Eschberger, DRMS

## **Attachments**

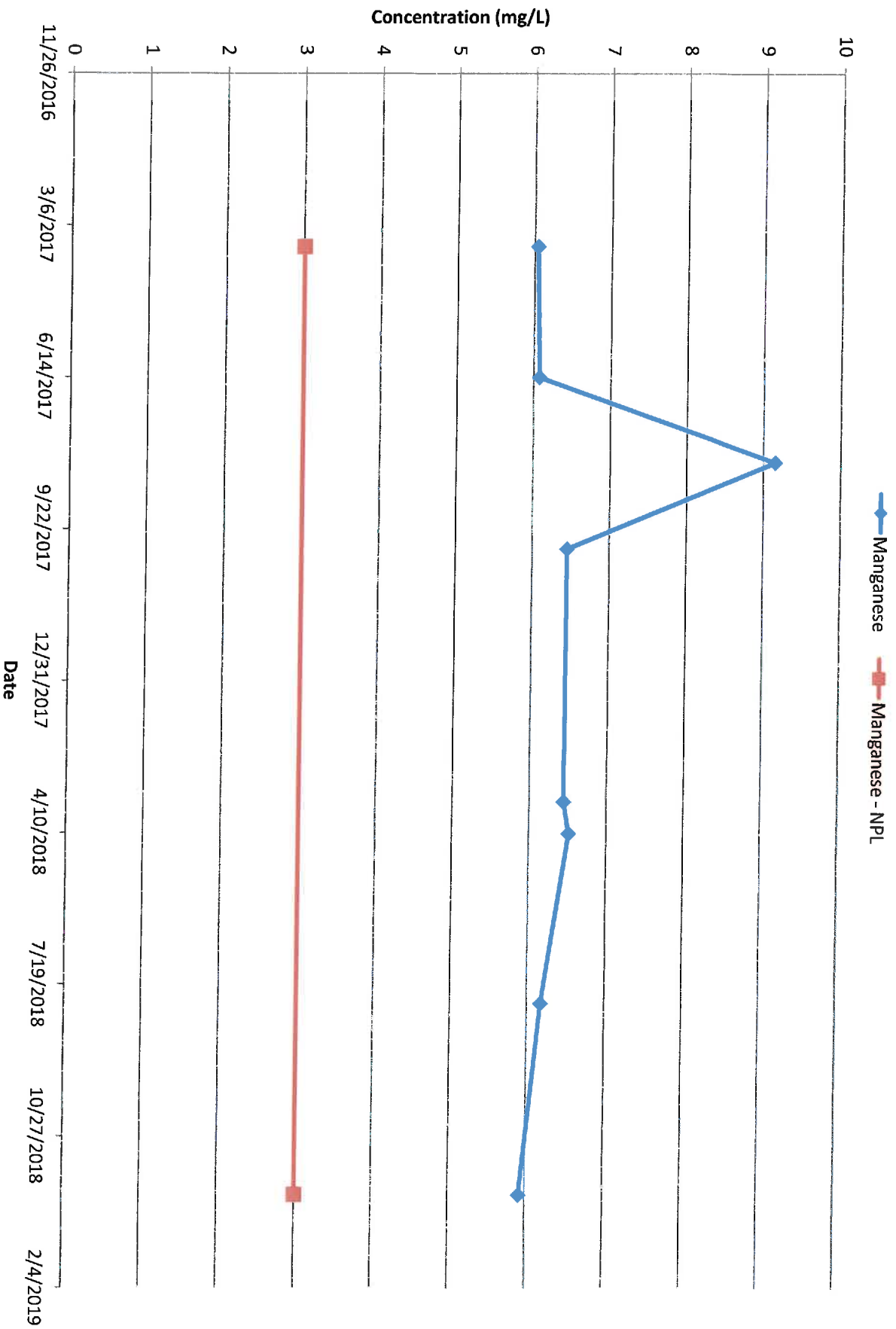
# GVMMW-8A



# SGMW-6B



# SGMW-6B





# SGMW-6B

