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## RE: (EXTERNAL)Re: HGM Spill Notification

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**Justin Bills** <Justin.Bills@newmont.com>

Thu, Dec 13, 2018 at 5:07 PM

To: "Eschberger - DNR, Amy" <amy.eschberger@state.co.us>

Cc: "Cazier - DNR, Tim" <tim.cazier@state.co.us>, "Cunningham - DNR, Michael" <michaela.cunningham@state.co.us>, Elliott Russell - DNR <elliott.russell@state.co.us>, Tim Leedy <Tim.Leedy@newmont.com>, Justin Raglin <Justin.Raglin@newmont.com>, Linda White <Linda.White@newmont.com>

Amy,

Attached, please find the 5-day follow up notification for the December 11, 2018 HGM process water spill. A signed hard copy will be sent certified to the Division tomorrow.

Please let me know if you need anything else.

Thank you,



**Justin Bills**

Senior Environmental Specialist

Cripple Creek and Victor Gold Mining Co.

T 719.689.4046

M 719.306.3388

[www.newmont.com](http://www.newmont.com)

**Newmont Mining Corporation**

Cripple Creek and Victor Gold Mining Co.

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

Victor, CO 80860

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**From:** Eschberger - DNR, Amy [mailto:[amy.eschberger@state.co.us](mailto:amy.eschberger@state.co.us)]

**Sent:** Thursday, December 13, 2018 9:19 AM

**To:** Justin Bills

**Cc:** Cazier - DNR, Tim; Cunningham - DNR, Michael; Elliott Russell - DNR; Tim Leedy; Justin Raglin; Linda White

**Subject:** (EXTERNAL)Re: HGM Spill Notification

Justin,

We appreciate the notice, and will look for the follow-up report by December 16th.

Thanks,

Amy Eschberger

Environmental Protection Specialist



**COLORADO**  
Division of Reclamation,  
Mining and Safety  
Department of Natural Resources

P 303.866.3567 x8129 | F 303.832.8106 | C 303.945.9014

1313 Sherman Street, Room 215, Denver, CO 80203

[Amy.Eschberger@state.co.us](mailto:Amy.Eschberger@state.co.us) | <http://www.mining.state.co.us>

On Wed, Dec 12, 2018 at 3:35 PM Justin Bills <[Justin.Bills@newmont.com](mailto:Justin.Bills@newmont.com)> wrote:

Tim,

At approximately 6:00pm yesterday evening, a water line broke between the process ore thickener and the HGM, spilling 400 gallons of process water outside of primary containment. The broken pipe was isolated and repaired to prevent further spills. A sample of the impacted material has been collected and will be sent off for analysis.

As required by Rule 8, DRMS will be provided with a 5-day formal follow-up notification.

Please let me know if you have any questions

Thank you,



**Justin Bills**

Senior Environmental Specialist

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**20181212\_HGMPProcesswater\_5DayNotice.pdf**  
1308K



Newmont Mining Corporation  
Cripple Creek & Victor Mine  
100 N 3<sup>rd</sup> St  
P.O. Box 191  
Victor, CO 80860  
[www.newmont.com](http://www.newmont.com)

Electronic Copy

December 13, 2018

Mr. Timothy Cazier, P.E.  
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; Cresson Project; Written Notification – Process Water Spill, December 11, 2018

Dear Mr. Cazier:

In accordance with Rule 8, Section 8.2.3 of the Mineral Rules And Regulations of the Colorado Mined Land Reclamation Board For Hard Rock, Metal, And Designated Mining Operations (Rules), Newmont Mining Corporation - Cripple Creek and Victor Gold Mining Company (CC&V) hereby provides the Division of Reclamation, Mining and Safety (Division) with a formal report regarding the process water spill that occurred at the High Grade Mill (HGM) on December 11, 2018.

The following points address the requirements of Rule 8, section 8.2.3:

**a. Actions taken to respond to and correct the emergency situation or condition**

- At approximately 6:00 pm on December 11, 2018, a process water conveyance pipeline separated. The separation occurred on the East side of the HGM near the Process Ore Thickener Tank (PO Tank). Approximately 400 gallons of process water overtopped primary containment, but remained on the HGM pad. The process water consists of fresh water and sediment originating from the milling and filtering processes that occur in the HGM. No cyanide is utilized anywhere in the mill circuit, therefore there is no risk that this process water contains cyanide.
- Upon discovery, the leaking conveyance pipeline was isolated and the separated pipe was repaired.
- A skid steer was used to over-excavate the spill-impacted soil.
- The excavated soil was transferred to the ore feed pile to be re-processed in the HGM. Approximately 3 cubic yards of soil was excavated in the cleanup efforts. Clean gravel was placed in the over-excavated area.

**b. Any known or adverse impacts to human health, property or the environment**

No impacts to human health or the environment were observed or are expected to occur due to the low quantity spilled, the benign chemical composition of the concentrate, and the swift clean up.

**c. CC&V Contact**

For any further information regarding this event please contact:

Justin Bills  
Senior Environmental Specialist  
PO Box 191  
100 N 3rd St  
Victor, Colorado, 80860

Work: 719-689-4046  
Cell: 719-306-3388  
Fax: 719-689-3254

**d. Monitoring and analyses that are necessary to evaluate the situation and corrective actions**

A sample of the impacted soil was collected and sent to an outside laboratory for analysis; the Division will be provided the analytical results when completed. The analytical results are anticipated to be completed and available for review within 45 days.

**e. Results of the Operator's investigation**

The root cause of the spill was determined to be the separation of a pipe. Photos of the spill impacted area before and after cleanup efforts are included as an attachment to this submittal. In addition, a photo of the leaking process water conveyance pipeline is included as an attachment to this submittal.

Should you require further information, please do not hesitate to contact Tim Leedy at 719-689-4283, or [tim.leedy@newmont.com](mailto:tim.leedy@newmont.com), or me at 719-689-4042, or [justin.raglin@newmont.com](mailto:justin.raglin@newmont.com).

Sincerely,

Justin Raglin  
Senior Environmental Manager  
Cripple Creek & Victor Mine

## **Attachments**

**Photo 1.** Process water spill impacted area pre-cleanup looking north.





**Photo 2.** Process water spill impacted area post-cleanup looking south.





**Photo 3.** Leaking process water conveyance pipeline.

