



STATE OF  
COLORADO

Cazier - DNR, Tim <tim.cazier@state.co.us>

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## CC&V Permit M-1980-244 Written Release Notification, May 26, 2020

1 message

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**Wendy Conley** <Wendy.Conley@newmont.com>

Thu, May 28, 2020 at 1:44 PM

To: "Cazier - DNR, Tim" <tim.cazier@state.co.us>

Cc: Justin Raglin <Justin.Raglin@newmont.com>, Justin Bills <Justin.Bills@newmont.com>, Jeana Ratcliff <Jeana.Ratcliff@newmont.com>, Lynda Morgan <morganl@co.teller.co.us>, Dan Williams <williamsd@co.teller.co.us>

Dear Mr. Cazier,

Attached is CC&V's Cresson Project Permit M-1980-244, Written Release Notification.

The water release occurred at the Refinery Sump on May 26<sup>th</sup>, 2020.

Please accept this electronic copy of the report. A hard copy will be provided upon request.

If you have questions or comments, please contact Justin Raglin at [Justin.Raglin@Newmont.com](mailto:Justin.Raglin@Newmont.com) or 719-689-4042, or Jeana Ratcliff at [Jeana.Ratcliff@Newmont.com](mailto:Jeana.Ratcliff@Newmont.com) or 719-689-4125.

Thank you,

**Newmont**  
NORTH AMERICA

*Wendy Conley*

CC&V HSSE Department

Office: 719-689-4239

6/4/2020

State.co.us Executive Branch Mail - CC&V Permit M-1980-244 Written Release Notification, May 26, 2020

Email: [wendy.conley@newmont.com](mailto:wendy.conley@newmont.com)

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

Victor, Colorado 80860

*Please consider the environment before printing this e-mail.*



**05282020\_DRMS Formal Notification Report\_ADR1RefinerySumpRelease.pdf**  
1871K



Newmont Mining Corporation  
Cripple Creek & Victor Gold Mine  
100 North 3<sup>rd</sup> Street P O Box 191  
www.newmont.com

SENT VIA EMAIL

May 28, 2020

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 ("CC&V"); Cresson Project – Written Release Notification – Refinery Sump Release – May 26, 2020**

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), the 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 release of water from the Arequa Gulch Absorption, Desorption, and Recovery (AGADR) refinery, which occurred on the morning of May 26, 2020. This notification is provided to satisfy the required five-day report, pursuant to Rule 8.2.3.

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 3:00 am on May 26, a release of water was observed at the refinery located at AGADR. An estimated 660 gallons of water exited the refinery and flowed approximately 150 feet to the south, off of containment. Power to the sump pump had been disrupted due to a breaker surge, therefore the sump pump was not running. Consequently, water draining from the wet scrubber overtopped the sump and drained out of the refinery door.
- At approximately 3:00 am personnel noticed the release and immediately restored power to the sump pumps, stopping the release.
- All of the water released from the refinery collected in a parking ditch and a low spot in the parking lot located in front of AGADR (see photos 1 and 2). Rainwater was already present in the same area from recent rainfall, which mixed with released water.
- A submersible pump was used to pump the pooled water from the collection areas back into AGADR (see photo 3). After ponded water was pumped back into AGADR, a skid steer was used to collect the impacted soil (see photo 4). The soil was removed using an 'over-excavation' approach. Depth of recovery was approximately six to twelve inches.

- Approximately 10 cubic yards of soil was excavated and transported to lined portions of the Arequa Gulch Valley Leach Facility.
- The over-excavated areas were filled in with clean fill and gravel.

**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 containment of water to the immediate area, and the rapid clean-up and removal of potentially impacted soil.

**c. CC&V Contact**

For any further information regarding this event please contact;

Jeana Ratcliff

Work: 719-689-4125

Environmental Coordinator

Cell: 719-431-1066

PO Box 191,

Fax: 719-689-3254

100 N 3rd St,

Email: [Jeana.Ratcliff@newmont.com](mailto:Jeana.Ratcliff@newmont.com)

Victor, Colorado, 80860

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

While the water used in the wet scrubber is fresh water, other process solution may report to the sump in small amounts. Initial on-site analysis did not indicate the release contained any substance other than fresh water and low levels of cyanide. In addition to the initial on-site analysis, samples were collected and sent to a third-party lab for analyses of constituents of concern.

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

The root cause of the release was due to a power bump that cause a breaker to switch off, resulting in power loss to the sump pump. Following the power bump, the process control system continued to show the pump as operational when in fact it was not. When refinery personnel observed the release, power was immediately restored to the sump pumps and the release was stopped. Additional controls are currently being investigated and considered to prevent similar events from occurring in the future.

Should you require further information please do not hesitate to contact Jeana Ratcliff at 719.689.4125 or [Jeana.Ratcliff@Newmont.com](mailto:Jeana.Ratcliff@Newmont.com) or myself at 719.689.4042 or [Justin.Raglin@Newmont.com](mailto:Justin.Raglin@Newmont.com).

Sincerely,



Justin Raglin

S&ER Manager

Cripple Creek and Victor Gold Mine

JR/jmr

cc: Tim Cazier – DRMS

## **PHOTOGRAPHS**



**Photo 1:** Photo of mixed rainwater and released water collected in the parking area in front of AGADR. [5-26-20]





**Photo 2:** Photo of mixed rainwater and released water collected in the parking area in front of AGADR. [5-26-20]





**Photo 3:** Submersible pump, removing the ponded water from the parking area. [5-26-20]





**Photo 4:** Over-excavated area in front of the refinery [5-27-20].