



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)

SENT VIA ELECTRONIC MAIL

November 20, 2018

Elliott R. 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: Permit No. M-2012-052; Cripple Creek & Victor Gold Mining Company; Providence Permit – July 2018 Inspection Findings and Corrective Actions**


Dear Mr. Russell:

Newmont Mining Corporation's Cripple Creek and Victor Gold Mining Company (CC&V) is the owner of permit M-2012-052 Providence Mine. A routine inspection conducted by the Colorado Department of Reclamation, Mining, and Safety (DRMS) on July 12, 2018 identified five findings requiring corrective actions to be completed by November 21, 2018. The first of these findings required CC&V to file for Temporary Cessation with DRMS. CC&V submitted a Temporary Cessation Notice to DRMS for Providence Mine Permit M-2012-52 on October 4, 2018, and received an adequacy review from DRMS on October 23, 2018. CCV has prepared an adequacy review response for submittal to DRMS under separate cover and, pending approval, the Providence Mine Permit will be considered temporarily inactive.

Each of the remaining four findings has been addressed and corrected by CC&V. Please find a detailed response to each of the findings enclosed herein.

Should you require further information, please do not hesitate to contact Jeana Ratcliff at 719.689.4125, or me at 719.689.4055, or [Meg.Burt@Newmont.com](mailto:Meg.Burt@Newmont.com).

Sincerely,



Meg Burt  
Senior Environmental Manager  
Cripple Creek & Victor Mine

Attachment 1: Photo Documentation  
Attachment 2: Weed Spray Invoice  
EC:

MB/jmr

## 1.0 Introduction

As a part of DRMS' routine monitoring program, the Providence Mine permit area (M-21012-052) was inspected on July 12, 2018 by DRMS. During this inspection, five compliance problems were identified. The first of these findings required CC&V to file for Temporary Cessation with DRMS, which has been addressed under separate cover. The remaining four compliance problems and consequent corrective actions are described in detail below; DRMS' comments are shown in italics, followed by CC&V's response in bold. Photos are enclosed in Attachment 1.

## 2.0 Sediment Control

### Compliance Problem #2:

*Erosion gullies and ruts were observed on-site. This is a problem at this time for failure to protect the affected land from erosion pursuant to C.R.S. 34-32-116(4)(i).*

### Corrective Actions Required

*The operator shall provide photo documentation to the Division verifying erosion gullies and ruts have been repaired, and that the site has been reconstructed and stabilized to prevent erosion damage by the corrective action date.*

### Corrective Actions Taken:

**CC&V has taken action to repair gullies and stabilize the area to prevent further erosion. Erosion gullies were filled in and graded; existing berms were reconstructed and stabilized. Photos 1-3 demonstrate before and after conditions for Gully 1, and photos 3-6 demonstrate before and after conditions for Gully 2. These repairs were completed in early November, 2018.**

## 3.0 Other

### Compliance Problem #3:

*There are two open and unsecure boreholes within the Air Raise area.*

### Corrective Actions Required:

*The Operator shall secure the open boreholes or plug and abandon the boreholes in accordance with the approved reclamation plan. The Operator shall photo documentation to the Division verifying the open boreholes have been appropriately safeguarded by the corrective action date.*

### Corrective Actions Taken:

**In order to secure the two open boreholes, metal grating was bolted over borehole openings. Each grate is secured with four 0.5" concrete anchor bolts. This correction will safeguard the boreholes without interrupting any unidentified function as vent openings for historic or current operational purposes associated with the nearby Molly Kathleen Mine. Photos 7-10 demonstrate before and after conditions of the vent boreholes. These grates were installed in early November 2018.**

## 4.0 Revegetation

### Compliance Problem #4:

*There are state-listed noxious weeds present on site. This is a problem for failure to employ weed control methods for state listed noxious weed species within the permitted area, and to reduce the spread of weeds to nearby areas as required by Rule 3.1.10(6).*

### Corrective Actions Required:

*Implement weed control and provide proof to the Division that this has been done by the corrective action due date.*

### Corrective Actions Taken:

**Weed control has been implemented to mitigate weed populations in this area. Chemical control methods (herbicide) were utilized to control existing populations and reduce the spread of weeds to nearby areas.**

**An invoice documenting weed spraying services is presented as evidence of corrective action for this item. As recommended by the 'Musk thistle fact sheet' attached to the DRMS Inspection Report, herbicide was applied in August 2018, when musk thistles reach rosette stage, and when herbicide is most effective for this species.**

**This area will continue to be monitored in the following growing season (2019). The documented invoice is included as Attachment 2.**

## 5.0 Permit Stipulations

### Compliance Problem #5:

*A small stockpile of waste rock was observed on the surface of the mine site near the Sangre de Cristo Tunnel portal. The Division has no record of a geochemical analysis for this material in accordance with Stipulation No. 1 of the approved permit.*

### Corrective Actions Required:

*The Operator shall conduct testing on the stockpiled material in accordance with the approved permit OR remove this material from the surface of the site and dispose of it appropriately.*

*Further discussion within the DRMS Inspection Report states, "...instead of testing the unknown stockpiled material the Operator could haul this material to one of the Valley Leach Facilities of the adjacent Cresson Project and submit appropriate documentation of such action."*

### Corrective Actions Taken:

**The identified stockpile has been removed and placed on the Valley Leach Facility, within the parameters of the approved stacking plan. The removal site was graded and smoothed to follow the slope of the existing hillside. Photos 11-14 are provided to document before and after conditions of this removed stockpile.**

## **Attachment 1**



**Photo 1.**  
Erosion Gully 1 as shown in DRMS  
Inspection report, looking west. Photo taken  
7/12/18.



**Photo 2.**  
Erosion Gully 1 after repair, looking west.  
Photo taken 11/14/18.



**Photo 3.**  
Erosion Gully 1 and surrounding slope after  
repair, looking north. Photo taken 11/14/18.





**Photo 4.**  
Erosion Gully 2 as shown in DRMS  
Inspection report, looking southwest. Photo  
taken 7/12/18.



**Photo 5.**  
Erosion Gully 2 after repair, looking  
northwest. Photo taken 11/14/18.



**Photo 6.**  
Erosion Gully 2 and surrounding slope after  
repair, looking east from bottom of slope. Photo  
taken 11/14/18.





**Photo 7.**  
Open Borehole 1 as shown in  
DRMS Inspection report, looking  
northwest. Photo taken 7/12/18.



**Photo 8.**  
Open Borehole 1 after safeguard  
installed, looking west. Photo  
taken 11/19/18.





**Photo 9.**  
Open Borehole 2 as shown in  
DRMS Inspection report, looking  
west. Photo taken 7/12/18.



**Photo 10.**  
Open Borehole 2 after safeguard  
installed, looking north. Photo  
taken 11/19/18.





**Photo 11. (Above)**  
Stockpile as shown in DRMS Inspection report, looking north.  
Photo taken 7/12/18.



**Photo 12. (Above)**  
Stockpile (circled in red) as shown in DRMS Inspection report, looking east. Photo taken 7/12/18.



**Photo 13.**  
Removed stockpile area, looking east. Photo taken 11/14/18.



**Photo 14.**  
Removed stockpile area, looking east (Sangre de Cristo Tunnel entrance located to right side of photo). Photo taken 11/14/18.

## **Attachment 2**

H-2 Enterprises, LLC  
4626 County Rd. 65  
Keenesburg, CO 80643  
303 732-4021



## Invoice 19920

Bill to: Newmont Mining Corporation 100 N. 3rd Street P.O. Box 19 Victor, CO 80860	Job: 10314.00 Cripple Creek/Victor Mine Victor, CO
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Invoice #: 19920	Date: 08/16/18	Customer P.O. #:
Payment Terms: Net 30 Days		Salesperson:
Customer Code: NEWMIN		

Quantity	Description	U/M	Unit Price	Extension
Work Performed: 8/6 -8/9/2018				
5.00	Areas weeded using UTV	AC		
2.00	Backpack application	AC		
5.00	Herbicide quantities to track	AC		
1.50	Sterilant application for transformers	AC		
1.00	Expenses to start project	EA		
1.00	Expenses at departure of project	EA		
Total:				