




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME: Climax Mine	MINE/PROSPECTING ID#: M-1977-493	MINERAL: Molybdenum	COUNTY: Summit
INSPECTION TYPE: Monitoring	INSPECTOR(S): Stephanie Mitchell	INSP. DATE: February 12, 2020	INSP. TIME: 12:30
OPERATOR: Climax Molybdenum Company	OPERATOR REPRESENTATIVE: Meagan Graham	TYPE OF OPERATION: 112d-3 - Designated Mining Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$91,011,850.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Snowing	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 25, 2020	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This was a routine monitoring inspection for the Climax Mine, a 112d-3 Hardrock Mine operated by the Climax Molybdenum Company. The inspection was conducted by DRMS representative Dustin Czapla and Stephanie Mitchell. Climax representatives, Meagan Graham, Estephany Torres and Logan Tydryszewski, guided DRMS during the inspection.

The focus of this inspection was to observe the Overburden Storage Facilities (OSF's), in order to confirm compliance with the OSF operating plan, specifically winter operations.

The current OSF operating plan was drafted by Golder Associates in December 2016. The plan was submitted to the Division as part of TR-25. Golder states that snow accumulations of up to 2-3 feet on OSF faces do not significantly impact operation of large OSFs, however larger accumulations greater than 3 feet can become trapped as a continuous layer and form a weak layer or saturate finer grained layers as melting occurs. Therefore Golder recommended that waste rock only be deposited on slopes with less than 3 feet of snow accumulation. This inspection confirmed that Climax is limiting waste rock deposition to slopes with little to no snow accumulation, and therefore appears to be in compliance with Golder recommendations for winter time OSF operations.

A brief overview tour of the Mill Facility occurred.

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to Dustin Czapla or Stephanie Mitchell at the Division of Reclamation, Mining and Safety, Grand Junction Field Office, 101 South 3rd Street, Room 301, Grand Junction, Colorado 81501, phone number (303)866-3567.

PHOTOGRAPHS



McNulty Overburden Stockpile



Plug Dumping Operations



Overburden Storage

Inspection Contact Address

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CC: Dustin Czapla, DRMS