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

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: Henderson Mine	**MINE/PROSPECTING ID#:** M-1977-342	**MINERAL:** Molybdenum	**COUNTY:** Clear Creek
INSPECTION TYPE: Monitoring	**WEATHER:** Clear	**INSP. DATE:** May 27, 2025	**INSP. TIME:** 08:30
OPERATOR: Climax Molybdenum Company	**OPERATOR REPRESENTATIVE:** Ron Hickman, Ben Bates	**TYPE OF OPERATION:** 112d-3 - Designated Mining Operation	
REASON FOR INSPECTION: Normal I&E Program	**BOND CALCULATION TYPE:** Complete Bond	**BOND AMOUNT:** $271,566,513.00	
DATE OF COMPLAINT: NA	**POST INSP. CONTACTS:** None	**JOINT INSP. AGENCY:** None	
INSPECTOR(S): Joel Renfro	**INSPECTOR'S SIGNATURE:** 	**SIGNATURE DATE:** June 26, 2025	

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

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

OBSERVATIONS

The Henderson Mine was inspected by Joel Renfro with the Division of Reclamation, Mining and Safety (Division/DRMS) as a part of the Division's routine monitoring program on May 27, 2025. Ron Hickman and Ben Bates represented Climax Molybdenum Company and were present throughout the inspection. **Photos 1-23**, taken during the inspection, are included with this report.

The site is a 112d-3 operation permitted for the extraction of molybdenum. This inspection was conducted on the mine side, which is located approximately 9 miles west-northwest of Empire, CO and accessed from Hwy 40 W.

The weather was clear and sunny during the inspection. Most of the snow around the site had either melted or was melting, so many of the observed BMPs were actively slowing the movement of water. It's important to note that many of the BMPs observed during the inspection have a settling basin associated with them to aid in slowing the movement of water and allow sediment to collect at the bottom. These basins are cleaned out throughout the year. The following are images of each of the outfall structures throughout the mine side of Henderson Mine in the order they were inspected, and a description of what was observed during the inspection:

OF-2 (Photo 1) – These BMPs are located in the northwest corner of the office parking lot. It consists of several rock check dams along the edges of the parking lot leading to a setline basin where water then slowly moves through the rip-rap outfall. Water was observed moving through this BMP during the inspection. OF-2 appeared to be functioning as intended and was in good condition.

OF-9 (Photo 2) – A rock check dam located southeast of the road. Water was moving through this check dam during the inspection, and the structure appeared to be in good condition.

OF-9 (Photo 3) – Rip-rap along the western edge of the road leading to an outfall.

OF-9 (Photo 4) – Sign for OF-9. The rip-rap and check dam structures that comprise OF-9 all appeared to be in good condition, and the water moving through these structures during the inspection showed that they were working as intended.

OF-15 (Photo 5) – The BMPs for OF-15 consist of rock rip-rap leading to and from a settling basin to slow down stormwater and collect sediment.

OF-19 (Photo 6) – The BMPs for this outfall consist of rip-rap, which was buried under the snow. This image shows water being slowed down at OF-19, showing that this structure is working despite being buried by snow.

OF-18 (Photo 7) – A collecting basin uphill from OF-18 surrounded by straw wattles. This is intended to capture stormwater runoff from the steep slopes in the southwest corner of the mine near the Potable Water System. Sediment will be caught in this basin, and the remaining water moves through a culvert to the outfall.

OF-18 (Photo 8) – The culvert leads water to some rip-rap. The worn-out straw wattles and sediment deposits in the collecting basin suggest that OF-18 sees a lot of stormwater throughout the year. No water was observed to be moving through OF-18, but it appeared to be in good condition, and there were no signs that this BMP was not working as intended.

OF-1 (Photo 9) – These BMPs are in the northeast corner of the West Lay-down Yard. It is comprised of several rock check dams moving northeast toward the river. No water was observed moving through these

structures during the inspection. OF-1 appeared to be in good condition.

OF-8B (Photo 10) – The BMPs for OF-8B are located south of the road, south of the West Lay-down Yard. The image shows one of many rock check dams associated with OF-8B. Water was moving through the dams during the inspection.

OF-8B (Photo 11) – The sign for OF-8B. Overall, the BMPs appeared to be in good condition and were

functioning as intended.

OF-8C (Photo 12) – BMPs for OF-8C are found north of the same road. Rock check dams and straw wattles are used in combination here to help slow the movement of water and collect sediment. Water was flowing through these BMPs during the inspection.

OF-8C (Photo 13) – The sign for OF-8C. Overall, the BMPs appeared to be in good condition and functioning

as intended.

OF-8A (Photo 14) – The sign for OF-8A.

OF-8A (Photo 15) – OF-8A is located east of Butler Gulch in the southern end of the site. The BMPs used here are mostly rip-rap, and some of it was buried in snow. Water was moving through the structures during the inspection, and it appeared to be working as intended.

OF-14 (Photo 16) – The BMPs for OF-14 include rip-rap and rock check dams west of the Warehouse Docks and Equipment Yard. Water was observed moving through these BMPs, and it appeared everything was working as intended and the structures were in good condition.

OF-7 (Photo 17) – The BMPs for OF-7 are mostly rip-rap that diverts water from the Warehouse Docks and Equipment Yard to Butler Gulch. No water was moving through these structures during the inspection, and it

appears that they were in good condition.

OF-17 (Photo 18) – OF-17 is located east of the mine and diverts water to the No-Name Gulch. The BMPs for this include a sediment pond and rock check dams. Water was in the sediment pond and moving through the dam during the inspection. OF-17 appeared to be working and was in good condition.

OF-6 (Photo 19) – OF-6 is located east of the mine, directly south of OF-17, and functions similarly. There is a

sediment pond that moves water through a check dam and rip-rap. No water was moving through these structures during the inspection, but they appeared to be in good condition.

OF-12 (Photo 20) – OF-12 was not accessible by vehicle, but was visible from the road on site. OF-12 is mostly comprised of rip-rap along the northeastern edge of the site. No water was moving through these structures during the inspection, but they appeared to be in good condition.

OF-5 (Photo 21) – OF-5 is located just northeast of the #5 Shaft Yard. The BMPs include a sediment pond, straw wattles, rock check dam, and rip-rap. There was no water moving through these structures during the inspection, but they appeared to be in good condition.

OF-3 (Photo 22) – The structures for OF-3 are located north of the Lower Yard Fuel Island. The BMPs used include rip-rap and a sediment pond. Water is moved toward the Clear Creek West Fork through these BMPs. Last year, a gate was added to a culvert fed from a channel near the fuel island as an additional containment feature in case of a failure with the fuel island storage. This gate can be closed to block spilled fuel from the rest of the BMPs.

OF-3 (Photo 23) – The sediment pond for OF-3. Some water was in the pond. It appeared that the BMPs for OF-3 were functioning as intended and were in good condition.

This concludes the report.

Any questions or comments regarding this inspection report should be forwarded to Joel Renfro at the Colorado Division of Reclamation, Mining, and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, via telephone at (720) 812-2002, or email at joel.renfro@state.co.us.

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