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, Grand
INSPECTION TYPE: Monitoring	**WEATHER:** Clear	**INSP. DATE:** April 24, 2024	**INSP. TIME:** 09:00
OPERATOR: Climax Molybdenum Company	**OPERATOR REPRESENTATIVE:** Ben Bates Shelby Epperson	**TYPE OF OPERATION:** 112d-3 - Designated Mining Operation	
REASON FOR INSPECTION: Normal I&E Program	**BOND CALCULATION TYPE:**	**BOND AMOUNT:** $170,904,202.00	
DATE OF COMPLAINT: NA	**POST INSP. CONTACTS:** None	**JOINT INSP. AGENCY:** None	
INSPECTOR(S): Joel Renfro Brock Bowles Amber Gibson	**INSPECTOR'S SIGNATURE:**	**SIGNATURE DATE:** May 28, 2024	

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---------- N
(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- Y	(FW) FISH & WILDLIFE---------- N	(RV) REVEGETATION---- N
(SM) SIGNS AND MARKERS---------- Y	(SP) STORM WATER MGT PLAN---- Y	(RS) RECL PLAN/COMP-- N
(ES) OVERBURDEN/DEV. WASTE--------- N	(SC) EROSION/SEDIMENTATION--- N	(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 Mill was inspected by Joel Renfro, Brock Bowles, and Amber Gibson with the Division of Reclamation, Mining and Safety (Division/DRMS) as a part of the Division's routine monitoring program on April 24, 2024. Ben Bates and Shelby Epperson with Climax Molybdenum- Henderson Operations (Henderson) were present for the inspection. The Henderson Mill is located 15 miles south of Parshall in Grand County. This site is a 112d-3 Designated Mining Operation (DMO) permitted for 11,877.5 acres. **Photos 1-20** taken during the inspection are included with this report.

The stormwater structures inspected were detailed in the Henderson Mill's approved Storm Water Management Plan from December 2022. The purpose of this inspection was to inspect stormwater structures throughout the Henderson Mill prior to springtime runoff. Henderson Mill has a team that repairs roads and outfall structures in May/June. The ultimate canal was looked at by the Division during this inspection.

The Division and Henderson Staff attempted to inspect the stormwater structures for **OF-M29** but snow cover made it difficult to access the area and it was not inspected.

The following stormwater structures were inspected:

OF-M10: The BMP's of this outfall location consist of rip-rap, which was covered with snow at the time of inspection.

OF-M15: The BMP's of this outfall location consist of rip-rap. This outfall was mostly covered in snow but appeared to be in good condition.

OF-M08: The BMP's of this outfall location consist of rip-rap that directs stormwater into a drainage pipe that discharges stormwater north of this location. Snow covered most of the rip-rap, but it appeared to be in good condition.

OF-M11: The BMP's of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. The Division observed water moving through this structure during the inspection. This outfall location appeared to be in good condition.

OF-M07: The BMP's of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. The Division observed water moving through this structure during the inspection. The wattles are in poor condition, but this outfall location appears to be working well.

OF-M12: The BMP's of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. The Division observed water moving through this structure during the inspection. This outfall location appears to be in good condition.

OF-M06: The BMP's of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. No water was observed moving through this structure during the inspection. This outfall location appears to be in good condition.

OF-M05: The BMP's of this outfall location consist of wattles in front of a rock check dam. Stormwater that goes through this structure converges with clean water coming from the south. Water then enters a grate and is discharged up north. The grate was covered with snow at the time of inspection.

OF-M20: The BMP's of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. The Division observed water moving through this structure during the inspection. This outfall location appears to be in good condition.

OF-M04: The BMP's of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. These structures were covered in snow at the time of inspection.

OF-M18: The BMP's of this outfall location consist of rip-rap, which was covered with snow at the time of inspection.

OF-M17: The BMP's of this outfall location consist of rip-rap, which was covered with snow at the time of inspection.

OF-M21: The BMP's of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. This outfall location appears to be in good condition.

OF-M19: The BMP's of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. The Division observed water moving through this structure during the inspection. This outfall location appears to be in good condition.

OF-M23: The BMP's of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. The Division observed water moving through this structure during the inspection. Some water appeared to be pooling on the sides of the wattles and rock check dam, but the structure appears to be working well.

OF-M31: The BMP's of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. No water was moving through this structure during the inspection. This outfall location appears to be in good condition.

OF-M24: The BMP's of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. The Division observed water moving through this structure during the inspection. This outfall location appears to be in good condition.

OF-M30: The BMP's of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. The Division observed water pooling to the northwest side of the wattles, but no water was running off. This outfall location appears to be in good condition.

OF-M32: The BMP's of this outfall location consist of rip-rap, which was covered with snow at the time of inspection.

OF-M26: The BMP's of this outfall location consist of rip-rap, which was covered with snow at the time of inspection.

PHOTOGRAPHS

Photo 1. View of OF-M10

Photo 2. View of OF-M15

Photo 3. View of OF-M08

Photo 4. View of OF-M11

Photo 5. View of OF-M07

Photo 6. View of OF-M12

Photo 7. View of OF-M06

Photo 8. View of OF-M05

Photo 9. View of OF-M20

Photo 10. View of OF-M18

Photo 11. View of OF-M04

Photo 12. View of OF-M21

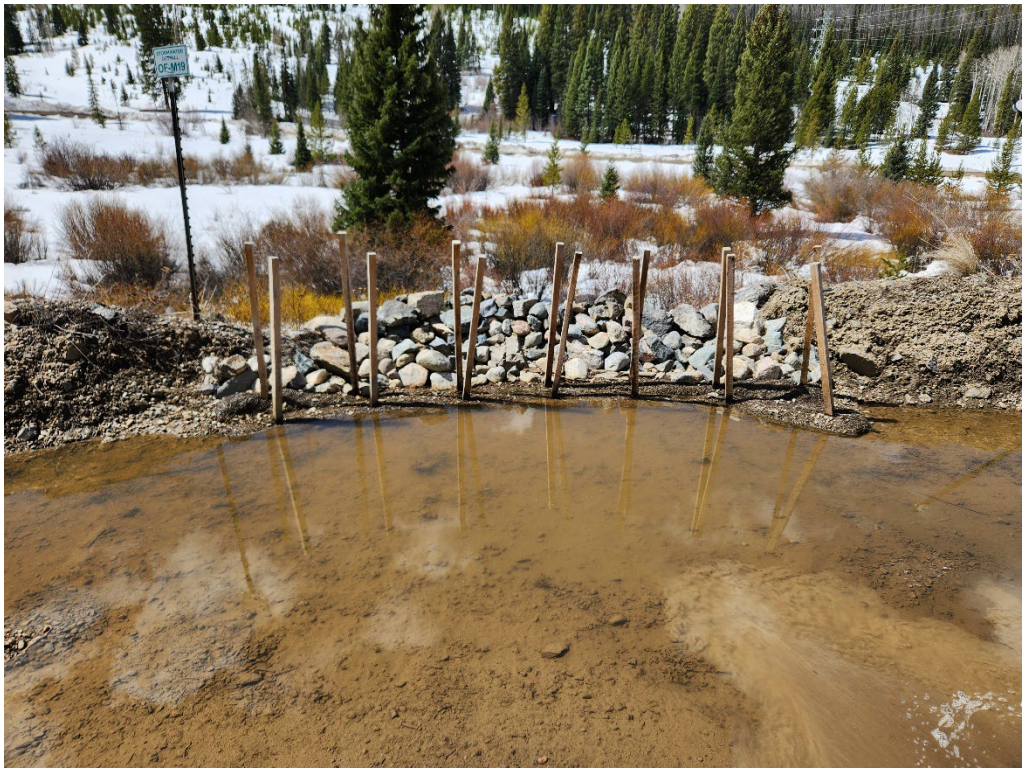

Photo 13. View of OF-M19

Photo 14. View of OF-M23

Photo 15. View of OF-M31

Photo 16. View of OF-M24

Photo 17. View of OF-M30

Photo 18. View of OF-M26

Photo 19. View of OF-M26 sign

Photo 20. View of OF-M26

Inspection Contact Address

Ben Bates
Climax Molybdenum Company
19302 County Rd. #3
Parshall, CO 80468

CC:
Brock Bowles, DRMS
Jared Ebert, DRMS
Amy Eschberger, DRMS
Nikie Gagnon, DRMS
Amber Gibson, DRMS
Shelby Epperson, Climax Molybdenum