




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: Liberty Mine	MINE/PROSPECTING ID#: M-2013-070	MINERAL: Uranium and vanadium	COUNTY: Mesa
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: October 30, 2024	INSP. TIME: 14:30
OPERATOR: Liberty Mining, LLC	OPERATOR REPRESENTATIVE: Cathy Bonde	TYPE OF OPERATION: 110d - Designated Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$93,862.42	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: DRMS	JOINT INSP. AGENCY: U.S.BLM	
INSPECTOR(S): Amy Yeldell	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: November 6, 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----- <u>N</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>NA</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION-- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	

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

OBSERVATIONS

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety's (Division) normal monitoring program. The Liberty Mine is a 110d underground Designated Mining Operation that includes a total of 9.9 permitted acres. The site is located five mile south of Gateway, Colorado. Amy Yeldell of the Division conducted the inspection. Amy Yeldell of the Division conducted the inspection. Jennifer Whittington of the Bureau of Land Management accompanied the Division on the inspection. No representatives from Liberty Mining, LLC was present, however they were notified prior to the inspection.

Backfilling and Grading:

The waste rock pile appears to be stable. There is no erosion from the pile.

Financial Warranty:

The Division currently requires a financial warranty amount of \$93,862.42.00 for this site. The bond was last increased in 2015 with the permit issuance. In an effort to ensure the Financial Warranty adequately reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division will be updating the reclamation cost estimate. The Division will review the cost associated with reclaiming the current site conditions. Upon commencement of mining the Division will recalculate the cost of an active mine site. If the current bond is found to be insufficient the Division will send a Notice of Surety Increase under a separate cover.

Gen. Compliance With Mine Plan:

The site remains inactive. This permit has been issued; however, activity has not yet commenced on site. All previous site activity was conducted under an NOI, which has since been terminated. Given that, the site has not begun mining and is in compliance with Rule 1.13. As a reminder, please provide the Division with a 60-day notice of commencement prior to commencement of mining activities.

Site conditions similar as compared with the previous inspection.

Other:

The portal is sealed with locked grates and PUFF. The portal remains locked and secured. The cut walls along the ramp to the portal opening have begun to show signs of weathering/ erosion. Some sluffing and rilling was observed. As well as sedimentation down the ramp. Additional bracing in the next few years is recommended regardless of mining activity/status.

Weather was clear for the inspection. Recent snow made access extremely muddy.

Roads:

The access road was stable, but is showing continued signs of erosion. Sedimentation was observed at the pad entrance from where water traveled down the road. The road will require maintenance prior to commencement of mining. There is no evidence of recent use. Scrub Oak and other native vegetation has begun to volunteer on the road. The site was accessed on foot, access with a full-size vehicle would be difficult.

Revegetation:

Noxious weeds appeared to be well controlled and no infestations were observed.

Support Facilities On-site:

The explosive magazines remain on site as does some other misc. metal materials. The magazines were both

locked and the Division could not inspect the contents.

Signs and Markers:

A mine sign was posted at the entrance to the mine site as required by Rule 3.1.12(1). The gate to the access road remains closed and locked. The information depicted was correct/ up to date and the sign was of sufficient size. The permit boundary of the affected land was clearly delineated primarily by a wire fence pursuant to Rule 3.1.12(2).

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, Rm 215, 1001 E 62nd Ave, Denver Co 80216. Direct contact can be made by phone at 303-866-3567 Ext 8183 or via email at amy.yeldell@state.co.us

Inspection Contact Address

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Enclosure

CC:

Travis Marshall, Senior EPS, Grand Junction DRMS
Jennifer Whittington, BLM

PHOTOGRAPHS









