




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.

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| MINE NAME: Moore's Pit | MINE/PROSPECTING ID#: M-1980-178 | MINERAL: Sand and gravel | COUNTY: Mesa |
| INSPECTION TYPE: Monitoring | WEATHER: Clear | INSP. DATE: December 19, 2023 | INSP. TIME: 09:50 |
| OPERATOR: Moore's Mining, LLC | OPERATOR REPRESENTATIVE: Leon Moore's | TYPE OF OPERATION: 112c - Construction Regular Operation | |
| REASON FOR INSPECTION: Normal I&E Program | BOND CALCULATION TYPE: Complete Bond | BOND AMOUNT: \$91,850.00 | |
| DATE OF COMPLAINT: NA | POST INSP. CONTACTS: DRMS | JOINT INSP. AGENCY: None | |
| INSPECTOR(S): Amy Yeldell Travis Marshall | INSPECTOR'S SIGNATURE:  | SIGNATURE DATE: January 2, 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.

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| (AR) RECORDS----- <u>Y</u> | (FN) FINANCIAL WARRANTY----- <u>Y</u> | (RD) ROADS----- <u>Y</u> |
| (HB) HYDROLOGIC BALANCE----- <u>Y</u> | (BG) BACKFILL & GRADING----- <u>Y</u> | (EX) EXPLOSIVES----- <u>NA</u> |
| (PW) PROCESSING WASTE/TAILING---- <u>N</u> | (SF) PROCESSING FACILITIES----- <u>Y</u> | (TS) TOPSOIL----- <u>Y</u> |
| (MP) GENL MINE PLAN COMPLIANCE- <u>Y</u> | (FW) FISH & WILDLIFE----- <u>Y</u> | (RV) REVEGETATION---- <u>Y</u> |
| (SM) SIGNS AND MARKERS----- <u>Y</u> | (SP) STORM WATER MGT PLAN---- <u>NA</u> | (RS) RECL PLAN/COMP-- <u>Y</u> |
| (ES) OVERBURDEN/DEV. WASTE----- <u>N</u> | (SC) EROSION/SEDIMENTATION-- <u>Y</u> | (ST) STIPULATIONS----- <u>Y</u> |
| (AT) ACID OR TOXIC MATERIALS----- <u>NA</u> | (OD) OFF-SITE DAMAGE----- <u>NA</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 Moores Pit is a 112c permitted site located off of Highway 141, approximately nine miles northeast of Gateway, Colorado in Mesa County. Amy Yeldell and Travis Marshall of the Division conducted the inspection. Leon and Ray Moores represented Moores Mining, LLC and accompanied the Division on the inspection.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The mine sign is attached to gate at the entrance. The permit boundary is marked with several t-posts.

The pit was active at the time of the inspection. Mining is progressing towards the west in Phase 2. Phases 1, 2, and 3 are all disturbed. Phases 4 and 5 appear to be undisturbed. This site has a maximum disturbance of 19.9 acres. Approximately 19 acres have been affected to date with approximately 2 acres in final reclamation awaiting adequate vegetation establishment. Prior to moving into phase 4, previous phases will likely need to be reclaimed to stay under the maximum disturbance acreage. Alternatively, the maximum disturbance can be increased by revising the Mining Plan through a Technical Revision.

Approximately 900 linear feet of the northeastern highwall (~ 2 ac) as you enter the pit floor has been reclaimed. Slopes have been graded and seeded (Photo One and Two). Vegetative cover decreased over last summer according to Mr. Moores. Sprinklers were in place but not in use at the time of the inspection. Some Russian Thistle was observed, the Division recommends treating these noxious species to avoid delays in establishing desirable species. Some slopes along the southern edge have been graded and partially reclaimed. Those areas have good volunteer vegetation while others will require actual seeding. Any slopes steeper than a 3H:1V will require grading prior to seeding.

The active highwall is approximately 500 LF and averages 45 feet high (Photos Three - Five). There are several smaller near vertical interstitial benches on the highwall approximately 15 feet high. The overall slope is approximately 1H:1V. Material is pushed down using dozers and excavators. These slopes can be regraded using cut/fill method. There is some limited perimeter highwall grading which is also primarily cut/fill.

There was a discussion about possibly doing an amendment in the future to add the land to the south in the right of way. This would allow the pit floor to daylight out to the south (Photo Six). It would also decrease the risk of rock falling onto highway 141 from the hillside above. The rock fall is not mining related, but mining could help mitigate this problem. As a reminder, structure agreements will be required for all permanent manmade features within 200 feet of the affected lands.

There are several crushers and other miscellaneous heavy equipment located throughout the pit floor area. No washing occurs at this site. The upper scale noted in the previous inspection report has been removed. The lower scale house and office remain on site (Photo Seven). Several fuel tanks are in portable secondary containments (Photo Eight). Currently the fuel is in the southeast corner of the active phase 2 area.

Along the southern edge of phase 2 adjacent to Highway 141 is a bone yard area. Miscellaneous excess equipment parts such as conveyors, screens and tires are stored neatly this area (Photo Nine). There is also a metal shop (portable), two conex sheds and a modular trailer building which remain on site (Photo Ten).

The southern permit boundary is designed to have a series of stormwater retention ponds. As mining progresses two main retention ponds will be established. Overall, the pit will function as a bowl and trap stormwater. The

eastern pond has been created (Photo Eleven). A very small amount of spring run-off was observed (frozen) in the stormwater pond. Otherwise, the pit floor was dry (Photos 12 - 13).

The Division currently requires a financial warranty amount of \$91,850.00 for this site. The bond was last recalculated/increased in 2018 under SI-4. 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. If the current bond is found to be insufficient the Division will send a Notice of Surety Increase under a separate cover.

The anonymous citizen complain (CT-1) is non-contiguous to this permit boundary. The Division has assigned it File No. M-2023-044. Comments and observations for CT-1 will be sent under a separate inspection report.

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

Leon Moores
Moores Mining, LLC
32906 Highway 141
Gateway, CO 81522

Enclosure

CC:
Travis Marshall, Senior EPS, Grand Junction DRMS

PHOTOGRAPHS

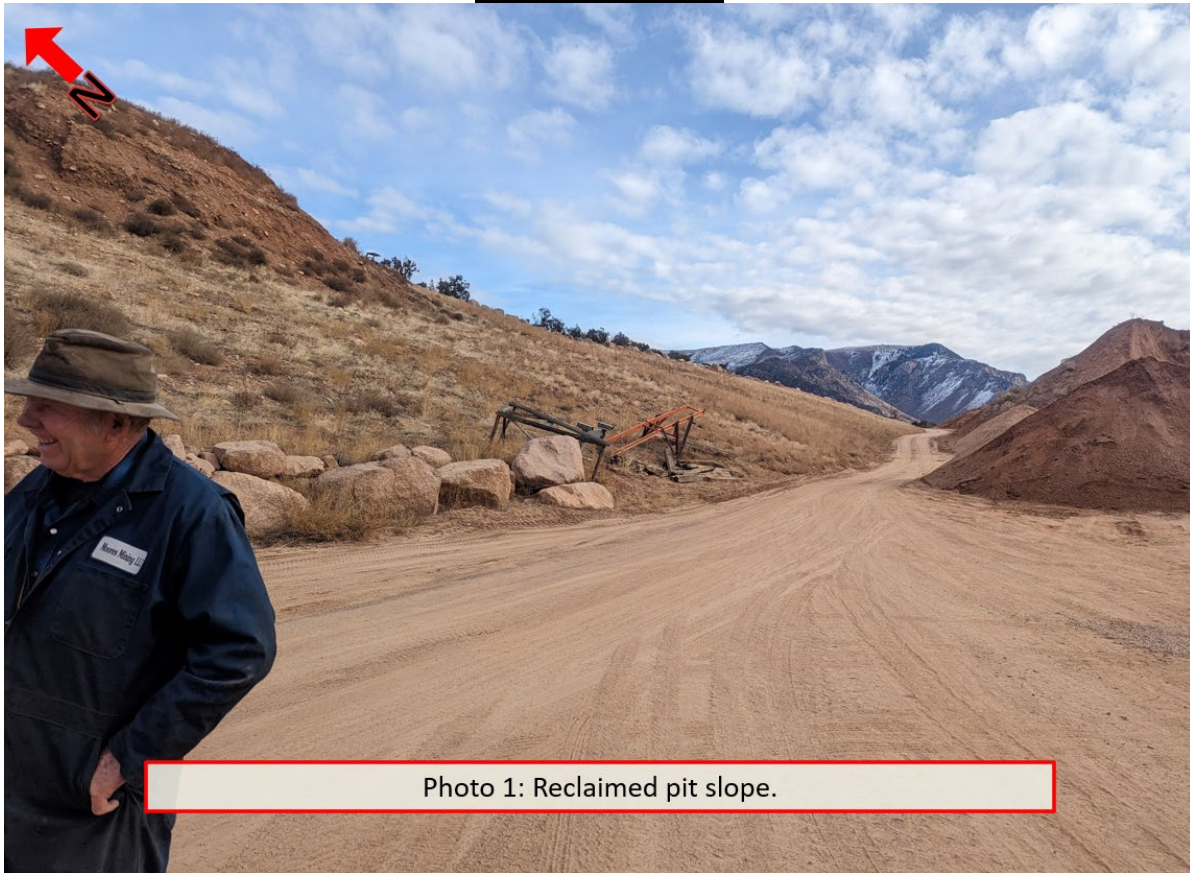


Photo 1: Reclaimed pit slope.



Photo 2: Overview northern reclaimed highwall



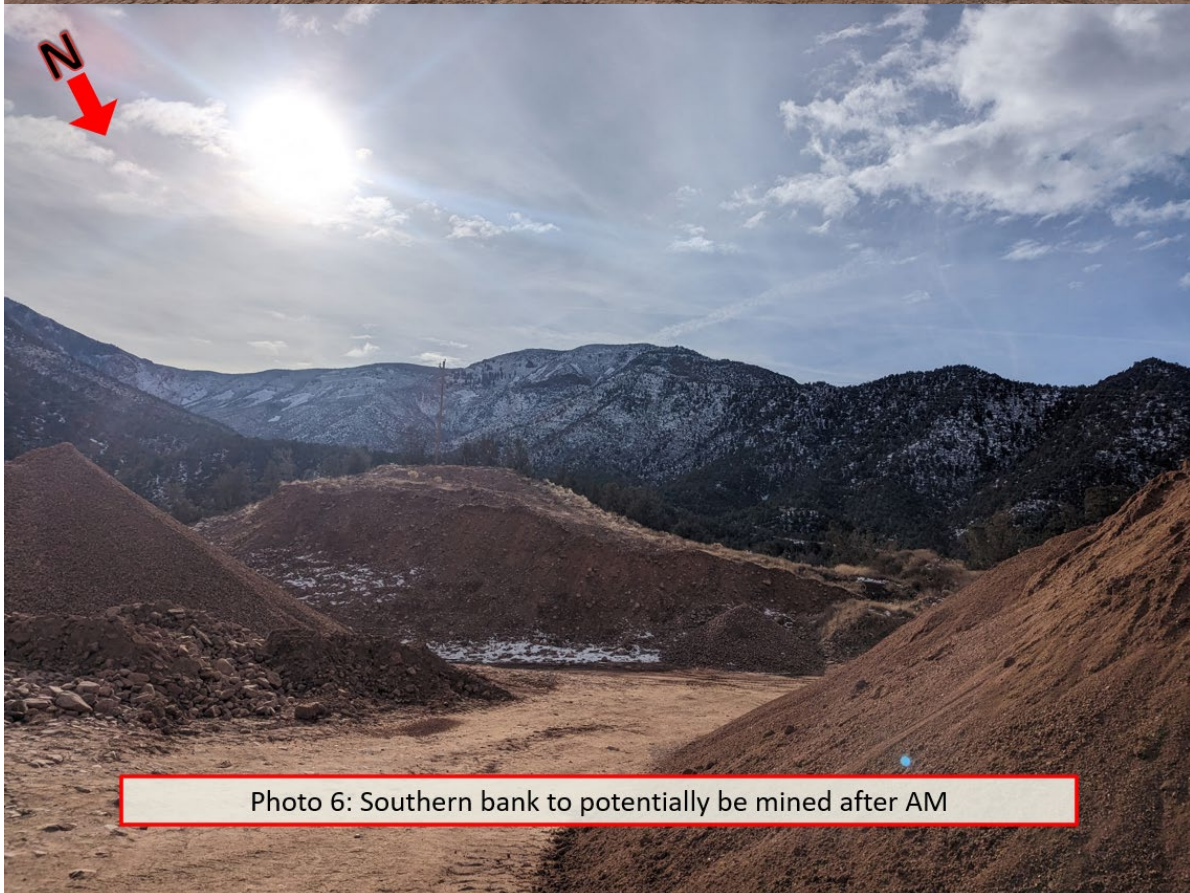




Photo 7: Pit Overview and scale/scale house.



Photo 8: Fuel storage in secondary containment.



Photo 9: Misc. equipment storage area



Photo 10: Misc. support facilities on site.



Photo 11: Eastern stormwater pond



Photo 12: Pit and highwall overview

