



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: Yevoli Cobblestone Pit	MINE/PROSPECTING ID#: M-2007-003	MINERAL: Sand and gravel	COUNTY: Fremont
INSPECTION TYPE: Monitoring	WEATHER: Cloudy	INSP. DATE: November 15, 2022	INSP. TIME: 10:45
OPERATOR: Yevoli Cobblestone Inc	OPERATOR REPRESENTATIVE: Mark Yevoli	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: No Bond Held
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
INSPECTOR(S): Timothy Cazier, P.E.	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 27, 2023

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Gen. Compliance With Mine Plan

PROBLEM/POSSIBLE VIOLATION: Problem No. 1: Pursuant to C.R.S. 34-32.5-112 (1)(c)(VI), the mine plan needs to be updated to reflect the current disturbed area greater than the 11 bonded acres. The operator must provide sufficient information to describe or identify how the operator intends to conduct the operation.

CORRECTIVE ACTIONS: The operator shall submit a Technical Revision, with the required \$216 revision fee, to update the current approved mine plan to reflect existing affected area (~13 acres) and proposed activities by the corrective action date.

CORRECTIVE ACTION DUE DATE: 3/27/23

INSPECTION TOPIC: Gen. Compliance With Mine Plan

PROBLEM/POSSIBLE VIOLATION: Problem No. 2: Failure to maintain the active highwall to a length of 200 feet or less as committed to as part of the approval of CN-1.

CORRECTIVE ACTIONS: The operator shall submit a Technical Revision, with the required \$216 revision fee, to update the current approved mine plan to reflect a more practical maximum length of active highwall by the corrective action date. This can be part of the same technical revision required for Problem No. 1.

CORRECTIVE ACTION DUE DATE: 3/27/23

OBSERVATIONS

OBSERVATIONS

This inspection was conducted as part of the Division's regular monitoring program. The Operator (Yevoli Cobblestone) was represented during the inspection by Mr. Mark Yevoli. The Yevoli Cobblestone Pit is located approximately 4 miles southeast of Florence, CO. The access road is about 1 mile south of Fremont CR 110 on Fremont CR 19 (or Siloam Road). This is a 112c sand & gravel mine. It was operating at the time of the inspection.

Availability of Records: Annual reports are current, having been filed through September 2022, stating the last mining activity was the same week the report was submitted to the DRMS. The previous inspection was on October 17, 2018. The approved post-mine land use is rangeland. There were no open infractions prior to the inspection. Both the surface and minerals are privately owned.

Acid And Toxic Materials: Above ground fuel storage tanks were observed and had adequate secondary containment (see **Photo 1**).

Backfilling and Grading: Sufficient backfill material appeared to be available for a push down approach to flattening the observed highwalls given the offset of the crest from the affected area boundary.

Excess Spoil and Dev. Waste: No overburden piles were observed. All non-product stockpiles were growth media.

Financial Warranty: The \$58,905 bond held by the DRMS was last updated in 2018. The 2018 reclamation cost estimate included 11 acres of reseeding and limited the length of highwall to be flattened for reclamation to a maximum of 200 feet. Given both of these conditions have been exceeded (see "Gen. Compliance with Mine Plan" problem cite below), the current bond is inadequate for the observed mine disturbance.

Fish and Wildlife: No impact to wildlife was observed.

Hydrologic Balance: No standing water was observed in the pit and no exposed groundwater was observed.

Gen. Compliance with Mine Plan: The operation has disturbed more area than is currently allowed by the reclamation bond. Based on GPS measurements combined with Google Earth imagery, the DRMS estimated 13 acres have been disturbed (see **Figure 1**). The bond only covers 11 acres of disturbance. **The disturbance in excess of what is bonded is cited as Problem 1 on p. 1 of this report.** In addition, the site is limited to 200 linear feet of active highwall that has not been flattened to 3H:1V slopes in order to keep bonding requirements low. The estimated active highwall length was about 250 feet at the time of the inspection (see **Photos 2 and 3**). **The exceedance of the 200-ft limit of active highwall is cited as Problem 2 on p. 1 of this report.** Highwalls were estimated to be 15 feet in height and appeared stable.

Off-site Damage: The operation appeared to be confined to the affected area boundary (*consisting of 41.6 acres delineated on Exhibit C-2, Mining Extents as part of the 2nd adequacy review response for permit revision CN-1*), based on Google Earth review and site observations.

Processing Waste: No processing waste was observed. All material was either product or growth media for reclamation.

Roads: Haul and access roads did not appear to be a source of sediment, all nearby county roads are either dirt or gravel.

Right of Entry: The permit area is owned by the Permittee.

Reclamation Success: Some of the highwalls have been sloped to 3H:1V or flatter. Other segments are between 1H:1V and 2H:1V. No top soiling or seeding has occurred.

Revegetation: No revegetation had been initiated. No noxious weeds were observed in the disturbed area. Mr. Yevoli was reminded that a noxious weed control plan will be needed when the adjacent Hardscrabble Creek is incorporated into the active mining program due to the copious amount of tamarisk observed in the creek bottom during the pre-operation inspection for CN-1.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Support Facilities On-site: A screen plant, multiple grizzly screens, an excavator, and two loaders were observed on site (see **Photos 3** and **4**).

Signs and Markers: The permit sign was properly posted (see **Photo 5**) and boundary markers were observed to delineate both the mine excavation limits (see **Photo 6**) and the affected area boundary (mostly fences) which for this site is coincident with the permit boundary.

Permit Stipulations: There are two permit commitments:

- 1) The active highwall length will be no longer than 200 feet in order to minimize bonding requirements as committed to during the CN-01 review process.
- 2) The Permittee will abstain from conducting mining operations in Area 7 until creek crossing engineering designs for any access/haul roads are submitted and approved by the Division as part of the permit revision process for CN-01.

Storm Water MGT Plan: No oil or fuel spills observed. Stormwater drains to the pit and infiltrates.

Topsoil: Two topsoil stockpiles were observed: one on the southwest (see **Photo 7**) and the other on the east side between the east access road and the active pit (see **Photo 8**).

Structures: No new structures were observed within 200 feet of the affected area.

Post Inspection Meeting: Both cited potential problems: 1) the active highwall exceeding 200 feet; 2) and the disturbed area exceeding the bonded 11 acres were discussed. Mr. Yevoli was informed a technical revision (TR) would be required to address those issues. Both issues can be addressed in a single TR.

Mr. Yevoli requested a Succession of Operator application and my draft area definitions. Both were emailed to him on November 18th. Please contact me if you did not receive them.

Please contact Tim Cazier (303)328-5229 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Above ground fuel storage tank with secondary containment.



Photo 2. Active highwall (north end, looking SE).

PHOTOGRAPHS (cont.)



Photo 3. Active highwall (looking north across pit).



Photo 4. Screen plant and excavator (looking east).

PHOTOGRAPHS (cont.)



Photo 5. Permit sign at entrance.



Photo 6. Typical mine excavation limit marker (west side, looking north).

PHOTOGRAPHS (cont.)



Photo 7. West side of west topsoil stockpile (looking NW).



Photo 8. West side/north end of east topsoil stockpile (looking SE).

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(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>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>PBx2</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>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</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

Inspection Contact Address

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Enclosure: Figure 1 – Post inspection map

ec: DRMS file
Kristi Yevoli (via email)

Figure 1. Yevoli Cobblestone 2022 Post Inspection Map.

SAtellite imagery from 6/1/2018

Permti boundaries based on CN-1 Exhibit C-1 map overlay.

Legend

- M-00-46 2018 Affected Area
- M-07-03 2022 Vertical HW
- M-07-03 CN01 Rough Aff. Area Bndry
- M-07-03 Disturbed Area (2018)
- M-07-03 Disturbed Area (2022)
- M-07-03 GPS Area
- M-07-03 GPS Edge of Dist.
- M-07-03 GPS Fence/Road
- M-07-03 Partial Fence Line
- M-07-03 Phased Mine Excavation Areas
- M-07-03 Proposed Access Rd
- Yellico Site - 5FN.671 Boundary (SHPO)

