




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: Jemadojin Sand Mine	MINE/PROSPECTING ID#: M-2006-017	MINERAL: Sand	COUNTY: El Paso
INSPECTION TYPE: Surety-Related Inspection	WEATHER: Clear	INSP. DATE: March 19, 2024	INSP. TIME: 10:00
OPERATOR: Hourglass Sands LLC	OPERATOR REPRESENTATIVE: Maria Jindra & Scott McGuire	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Surety Related	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$128,878.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Hunter Ridley	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 25, 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>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>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</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>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

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

OBSERVATIONS

The Jemadojin Sand Mine was inspected by Hunter Ridley with the Division of Reclamation, Mining and Safety (Division). The inspection was completed in response to the Operator's request for a second period of Temporary Cessation. The site was previously inspected by the Division on August 3, 2021 as part of the Division's routine monitoring program. Scott McGuire with Hourglass Sands LLC, representing the Operator, accompanied the Division during the inspection. The landowner, Maria Jindra, also accompanied the inspection.

The Jemadojin Sand Mine site entrance is one mile north of Myers Road on Dearing Road about 30 miles southeast of Colorado Springs in El Paso County. The mine was not active at the time of the inspection.

Availability of Records: Annual fees are paid through June 2023. 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. A review of Division records indicates the site was in temporary cessation between July 1, 2010 and June 1, 2018; mining resumed after 2018 and continued until February of 2019. TC1 expired on February 28, 2024, therefore a second period of Temporary Cessation is required. This second period request was received February 7, 2024, will be retro-active to February 28, 2024, and will expire February 28, 2029.

No problems were identified on-site during the inspection. Therefore, the Division will bring the TC2 request before the Mined Land and Reclamation Board at the April 17, 2024 MLRB meeting and will recommend approval at that time.

Acid And Toxic Materials: No acid or toxic materials are involved in this operation.

Backfilling and Grading: Final grading is to be 3H:1V or flatter. As there is sufficient distance from the affected area boundary, a push down approach could be used to flatten the slopes, therefore sufficient backfill material is available. West facing highwalls are nearly at the required final slope (Photos 2 and 3), but east facing highwalls require flattening (Photo 2)

Excess Spoil and Dev. Waste: Overburden piles were observed on the northern end of the site (Photo 1).

Financial Warranty: A \$128,878 bond is currently held by the Division. The bond was last updated in 2020 with the approval of surety reduction request (SR-2) to \$58,042. The Division has not received a rider from the Permittee reducing the bond. As such, the DRMS holds a surety excess of \$70,836.

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 appeared to be in compliance with the approved mine plan. The south pit has not been mined in several years and looks to be adequately revegetated for final reclamation. The most recent mining was done in the north / main pit. The maximum allowed disturbed area was reduced to 19 acres with the approval of SR-2 in 2020. Google Earth was used to measure the disturbed area, which was estimated to be approximately 13.5 acres, with no new disturbance since the site's entry into Temporary Cessation in 2019.

Off-site Damage: The operation appeared to be confined to the permit boundary, based on Google Earth review and site observations.

Processing Waste: No processing waste was observed.

Roads: Haul and access roads did not appear to be a source of sediment that could be tracked offsite.

Right of Entry: The Permittee leases the operation from Ms. Jindra.

Reclamation Success: Grading and topsoiling are complete in the south pit and far northern end of the main pit. The main pit requires minimal slope flattening (Photo 3).

Revegetation: Both the south pit and the diversion cut areas looked to be adequately revegetated and releasable (Photos 4 and 5). No revegetation efforts have occurred in the north / main pit and no noxious weeds were observed.

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

Support Facilities On-site: No equipment was observed on site.

Signs and Markers: The permit sign was fixed to the main gate entrance, located on the access road. Berms were observed to delineate the affected area and fences delineated the permit boundary (Photos 4 and 5).

Permit Stipulations: There are no permit stipulations.

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

Topsoil: There are two, labeled topsoil piles located on site. These were observed to be adequately vegetated pursuant to Rule 3.1.9 (Photos 1 and 2).

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

Photographs taken during the inspection have been included below. Responses to this inspection report should be directed to: Hunter Ridley at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 720-868-7757 or via email at hunter.ridley@state.co.us.

PHOTOGRAPHS



Photo 1: View northeast of the main pit, topsoil and overburden are piled separately to the east.



Photo 2: View north of the main pit, topsoil is piled to the southwest.



Photo 3: View east of the main pit, topsoil and overburden piles are visible, minimal grading work is required for final reclamation.



Photo 4: View southwest of the older portion of the permit, this area has been adequately reclaimed.



Photo 5: View northwest of the main pit, taken from the affected area boundary's eastern extent.

Inspection Contact Address

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