



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.

<b>MINE NAME:</b> Jemadojin Sand Mine	<b>MINE/PROSPECTING ID#:</b> M-2006-017	<b>MINERAL:</b> Sand	<b>COUNTY:</b> El Paso
<b>INSPECTION TYPE:</b> Surety-Related Inspection	<b>INSPECTOR(S):</b> Timothy A. Cazier	<b>INSP. DATE:</b> July 26, 2017	<b>INSP. TIME:</b> 11:30
<b>OPERATOR:</b> Premier Silica LLC	<b>OPERATOR REPRESENTATIVE:</b> Jeff & Maria Jindra	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Surety Related	<b>BOND CALCULATION TYPE:</b> Partial Bond	<b>BOND AMOUNT:</b> \$64,439.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> July 31, 2017	

### 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>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>NA</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>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>

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

## **OBSERVATIONS**

This inspection was prompted by a request to transfer the permit through a succession of operator (SO-02) application. The SO-02 application was received on July 11, 2017. The proposed new permittee (Jemadojin LLC) was represented by Jeff and Maria Jindra. The current Permittee (Premier Silica) was not present for the inspection. The Jindras are also the current landowner. This inspection report addresses only the mine reclamation permit (M-2006-017). 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 2017. The previous inspection was on October 11, 2016. A problem was cited for a missing permit sign and was corrected in a timely manner. The approved post-mine land use is rangeland. There are no open infractions.

The current second 5-year period of temporary cessation (TC-02) would be transferred to the new permittee with no adjustment in schedule (current end date is June 30, 2020). Should mining resume the Permittee should inform the DRMS within 30 days of the resumption of mining activity.

Backfilling and Grading: The approved reclamation plan requires all slopes to be graded to a slope of 3H:1V of flatter. The current slopes appear acceptable.

Complete Inspection: The entire permit area was inspected. No problems were observed during the inspection.

Financial Warranty: The \$64,439.00 bond held by the Division is more than adequate for the remaining reclamation required: reseeding and possible watering for approximately 10 acres or less. The new fence will need to be removed prior to reclamation release, unless a revision is made to the permit using the proper application and submitting the appropriate fee.

Fish and Wildlife: No impacts observed. A deer was observed on the northeast portion of the site.

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.

Off-site Damage: The operation appeared to be confined to the permit boundary. The Jindras stated Premier Silica has fenced off the two disturbed areas: pit (see **Photo 1**) and stormwater diversion cut (see **Photo 2**).

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. The approved permit does not require reclamation of the access road.

Reclamation Success/Revegetation: Since the last inspection, the upper slopes of the pit (see **Photo 3**) and the stormwater diversion cut (see **Photo 4**) have been seeded and covered with a light weight erosion control mat (see **Photo 5**) consisting of coconut mulch and a fine polymer net. Ms. Jindra pointed out grasses (see **Photo 6**) that had come up well with moisture earlier this summer, but had wilted and turned brown with the recent hot weather. No noxious weeds were observed.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection. Some old silt fence (see **Photo 7**) was observed east of the stormwater diversion cut. The posts and remaining fabric should be removed.

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

Signs and Markers: The permit sign was properly posted (see **Photo 8**).

Permit Stipulations: There are no permit stipulations.

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

The DRMS determined the application for succession of operator to be complete on July 28, 2017. As no problems were identified during this inspection, this inspector will recommend approval of the SO. Both parties will be notified of the approval under separate cover.

Please contact Tim Cazier (303)866-3567 ext. 8169 or email at [tim.cazier@state.co.us](mailto:tim.cazier@state.co.us) if you have any questions regarding this report.

## **PHOTOGRAPHS**



Photo 1. Barbed wire fence along pit, east side (looking south).



**PHOTOGRAPHS (cont.)**



Photo 2. Barbed wire fence along stormwater cut, south side (looking east).



Photo 3. Recent revegetation effort on upper pit slopes (looking WSW).



**PHOTOGRAPHS (cont.)**



Photo 4. Recent revegetation effort on stormwater cut (looking north).



Photo 5. Light weight erosion control mat consisting of coconut mulch and a fine polymer net.



**PHOTOGRAPHS (cont.)**



Photo 6. Typical probable failed growth from earlier this summer.

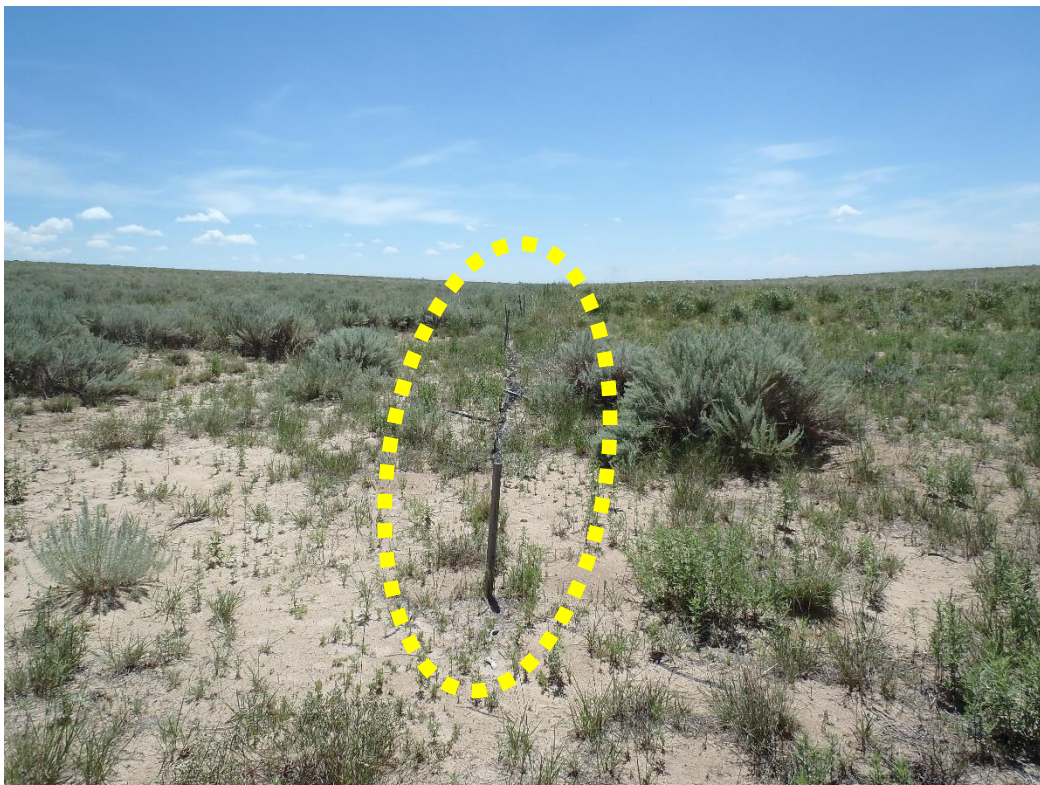


Photo 7. Old silt fence posts (erosion control) observed east of diversion cut (looking south).



**PHOTOGRAPHS (cont.)**



Photo 8. Permit sign at entrance gate off Dearing Road.

**Inspection Contact Address**

Michael Miclette  
Premier Silica LLC  
5205 N. O'Connor Blvd., Suite 200  
Irving, TX 75039

CC: DRMS file  
Maria Jindra, Jemadojin LLC