



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: Buss Barrow Pit | MINE/PROSPECTING ID#: M-2019-021 | MINERAL: Borrow material for construction | COUNTY: Fremont |
| INSPECTION TYPE: Monitoring | INSPECTOR(S): Timothy A. Cazier | INSP. DATE: August 6, 2019 | INSP. TIME: 13:00 |
| OPERATOR: Fremont Paving & Redi-Mix, Inc. | OPERATOR REPRESENTATIVE: Jodi Schreiber | TYPE OF OPERATION: 111 - Construction by Government Agency | |
| REASON FOR INSPECTION: Normal I&E Program | BOND CALCULATION TYPE: None | BOND AMOUNT: \$26,168.00 | |
| DATE OF COMPLAINT: NA | POST INSP. CONTACTS: None | JOINT INSP. AGENCY: | |
| WEATHER: Cloudy | INSPECTOR'S SIGNATURE: | SIGNATURE DATE: October 22, 2019 | |

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>Y</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>Y</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>NA</u> | (OD) OFF-SITE DAMAGE----- <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 conducted by Tim Cazier and Michael Cunningham (DRMS) as part of the regular monitoring program. The Permittee (Fremont Paving & Redi-Mix) was represented by Ms. Jodi Schreiber during the inspection. The Buss Barrow Pit site entrance is located off US 50, approximately four miles northwest of Coaldale, CO. This is a 111 borrow mine. It was operating at the time of the inspection.

Availability of Records: This is a new permit, annual fees are not due till the first anniversary on June 4, 2020. This was also the first inspection of this site. The approved post-mine land use is rangeland. Both the surface and minerals are privately owned.

Backfilling and Grading: Sufficient backfill material appeared to be available as it is anticipated the material will be pushed down from the highwall crest.

Excess Spoil and Dev. Waste: Some oversize material was stockpiled.

Financial Warranty: The \$26,168 bond held by the Division is adequate 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. However, standing water was observed in a trench near the crest of the highwall (see **Photo 1**).

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan. Highwalls were estimated to vary between 0 and 15 feet in height and appeared stable (see **Photo 2**). An area southeast of the site entrance was cleared and grubbed, and used for haul truck and equipment staging. Ms. Schreiber explained this was the staging area for the Hwy 50 project and not directly related to the mining activity. She further explained the staging area was owned by the same landowner that owns the pit area, making it necessary to need only one agreement with a landowner for both project-related areas.

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

Processing Waste: Some debris from the associated Hwy 50 construction project was observed (see **Photo 3**).

Roads: Haul and access roads did not appear to be a source of sediment that could be tracked offsite as access roads were dust controlled (see **Photo 4**) and vehicle tracking was in place between the site and Hwy 50.

Reclamation Success: No reclamation has been initiated.

Revegetation: No noxious weeds were observed.

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

Signs and Markers: The permit sign was properly posted (see **Photo 5**) and boundary markers were observed to delineate the permit boundary (see **Photo 6**).

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: A topsoil stockpile was observed on the west end of the pit (see **Photo 7**).

Structures: No structures other than those identified in the 111 application were observed within 200 feet of the affected area.

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

PHOTOGRAPHS



Photo 1. Standing water observed in trench near the crest of the highwall (looking NW).

PHOTOGRAPHS (cont.)



Photo 2. Pit highwall (looking west).



Photo 3. Debris from construction project (south side, looking east).

PHOTOGRAPHS (cont.)



Photo 4. Dust controlled access road (looking east from south side of pit).



Photo 5. Permit sign (at entrance off Hwy 50).

PHOTOGRAPHS (cont.)



Photo 6. Typical permit boundary marker (north side).



Photo 7. Topsoil stockpile (west end, looking west).

Inspection Contact Address

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ec: DRMS file