




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: Florence Sand & Gravel Pit | MINE/PROSPECTING ID#: M-1992-051 | MINERAL: Sand and gravel | COUNTY: Fremont |
| INSPECTION TYPE: Preoperation Inspection | INSPECTOR(S): Timothy A. Cazier | INSP. DATE: December 22, 2015 | INSP. TIME: 09:45 |
| OPERATOR: Langston Concrete, Inc. | OPERATOR REPRESENTATIVE: Linda Bracco, Mike & Zac Langston | TYPE OF OPERATION: 112c - Construction Regular Operation | |
| REASON FOR INSPECTION: Surety Related | BOND CALCULATION TYPE: None | BOND AMOUNT: \$38,100.00 | |
| DATE OF COMPLAINT: NA | POST INSP. CONTACTS: None | JOINT INSP. AGENCY: None | |
| WEATHER: Cloudy | INSPECTOR'S SIGNATURE:  | SIGNATURE DATE: January 29, 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.

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| (AR) RECORDS----- <u>Y</u> | (FN) FINANCIAL WARRANTY----- <u>Y</u> | (RD) ROADS----- <u>N</u> |
| (HB) HYDROLOGIC BALANCE----- <u>Y</u> | (BG) BACKFILL & GRADING----- <u>Y</u> | (EX) EXPLOSIVES----- <u>NA</u> |
| (PW) PROCESSING WASTE/TAILING---- <u>NA</u> | (SF) PROCESSING FACILITIES----- <u>Y</u> | (TS) TOPSOIL----- <u>N</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> | (CI) COMPLETE INSP---- <u>N</u> |
| (ES) OVERBURDEN/DEV. WASTE----- <u>Y</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>N</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 conducted at the request of the new Operator to discuss permit requirements, including reclamation plans and phased bonding. The Operator (Langston Concrete) was represented during the inspection by Messrs. Mike and Zac Langston. The Florence Sand & Gravel Pit site entrance is located approximately one quarter mile south of the S. Union St railroad crossing in Florence. This is a 112c sand and gravel mine. The site was active at the time of the inspection.

Availability of Records: We discussed discrepancies in the permit boundary maps and determined a technical revision (TR) was required to clarify the permit area boundary. Subsequent to this inspection and prior to the release of this report, TR-01 was approved by the Division to clarify the permit boundary.

Backfilling and Grading: The northeast portion of the pit was visited (see **Photo 1**). It was agreed that the highwalls needed to be stabilized and flattened without excavating more material. Mr. Langston indicated they would bring backfill in from elsewhere on site.

Financial Warranty: This inspector explained the permit at the time of the inspection allowed a maximum of 35 acres of disturbance at one time, but permit allowed 77.4 acres.

Fish and Wildlife: No impact on wildlife was observed.

Hydrologic Balance: Some standing water was observed in the pit (see **Photo 2**). It was unclear if this was groundwater or captured stormwater. Mr. Langston committed to keeping the pit floor at least 2 feet above the normal high groundwater elevation as required.

Off-site Damage: The operation appeared to be confined to the permit boundary.

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

Revegetation: No revegetated areas or noxious weeds were observed.

Support Facilities On-site: Several screens and conveyors were observed on site (see **Photo 3**).

Signs and Markers: The permit sign was properly posted (see **Photo 4**) and boundary fences were observed on the north side (see **Photo 5**). An access road serves to delineate the south side (see **Photo 6**).

Permit Stipulations: There are no permit stipulations.

PHOTOGRAPHS



Photo #1 – Northeast area requiring backfill



Photo #2 – Standing water in pit



Photo #3 – Conveyors, screens & product stockpiles



Photo #4 – Permit sign

PHOTOGRAPHS (cont.)



Photo #5 – Boundary fence (west side of north end)



Photo #6 – Southern access road boundary (beyond truck)

Inspection Contact Address

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902 South Union Street
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EC: DRMS file