



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: Limon Pit	MINE/PROSPECTING ID#: M-2013-080	MINERAL: Sand and gravel	COUNTY: Lincoln
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: July 26, 2017	INSP. TIME: 9:00
OPERATOR: Pine Bluffs Gravel & Excavating, Inc.	OPERATOR REPRESENTATIVE: John Craig	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$239,213.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 28, 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>NA</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING----- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>NA</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>NA</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>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</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 as part of the regular monitoring program. The Permittee (Pine Bluffs Gravel & Excavating) was notified of the inspection, but asked the landowner, Mr. John Craig to represent the Permittee. The Limon Pit is accessed from Lincoln Co Rd 23 approximately 1.40 miles south of US 40, just east of Limon. This is a 112c sand and gravel mine. It was not operating at the time of the inspection, nor has any mining commenced since the permit was issued.

Availability of Records: Annual fees are paid through March 2017. This was the first inspection of this operation. The approved post-mine land use is pasture. There are no open infractions.

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

Financial Warranty: The \$239,213 bond held by the Division is adequate as there was no mine disturbance at the time of the inspection.

Fish and Wildlife: No impacts observed.

Hydrologic Balance: The permitted area is in a low-lying area adjacent to Big Sandy Creek. No standing water was observed in the permitted area. Mr. Craig indicated the depth to groundwater is highly variable. The Operator should be aware of this once mining operations commence as the Permittee has committed to not exposing groundwater as part of the mine plan.

Roads: Haul and access roads did not appear to be a source of sediment that could be tracked offsite. The Permittee has committed to using water for dust control as part of the operation.

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 1**) and large diameter steel post boundary markers were observed to delineate the permit boundary (see **Photo 2**).

Permit Stipulations: There are no permit stipulations.

Structures: Two power lines were observed crossing and on the west boundary of the permitted area. Mr. Craig indicated the electric transmission line (see **Photo 3**) was owned by Tri-State, and the electric distribution line (see **Photo 4**) was owned by Mountain View Electric. Mr. Craig also owns the windmill (see **Photo 5**) used to pump water from the adjacent well in the permit area. He believed the mining lease limited disturbance in the vicinity of the windmill to an acceptable distance. Regardless, prior to commencing any mining operations, the Permittee should ensure all structure damage compensation agreements (pursuant to Rule 6.4.19) are current for the utilities and the windmill/well.

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. Permit sign at south end of County Road 23 (looking south).



Photo 2. Typical steel posts delineating the permit boundary (south side, looking NNE).

PHOTOGRAPHS (cont.)



Photo 3. Electric transmission line crossing permit area (looking north).



Photo 4. Electric distribution line on west permit boundary (left horizon, looking NW).

PHOTOGRAPHS (cont.)



Photo 5. Windmill (looking north).

Inspection Contact Address

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EC: DRMS file