




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: Lyle Smith Pit	MINE/PROSPECTING ID#: M-1977-053	MINERAL: Sand and gravel	COUNTY: Costilla
INSPECTION TYPE: Monitoring	INSPECTOR(S): Lucas J. West	INSP. DATE: October 7, 2016	INSP. TIME: 10:30
OPERATOR: Asphalt Constructors, Inc.	OPERATOR REPRESENTATIVE: Todd Stockebrand	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$128,120.82	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: November 14, 2016	

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>N</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(CI) COMPLETE INSP---- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <u>N</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 normal monitoring program established by the Colorado Division of Reclamation Mining and Safety. The Lyle Smith Pit is an Active 112(c) located approximately 1 mile southwest of Ft. Garland, CO at 7860 feet in elevation. The site lies just south of Highway 160 at the intersection of County Road HH and Road 18. Access to the site is controlled by a locked gate. The site is approved for 90.96 permitted acres with approximately 68 acres disturbed. Reclamation will be completed to achieve a post mining land use of wildlife habitat. The Division currently holds \$128,120.82 in financial warranty for the site. A reclamation cost estimate update was performed and staff calculations find that the currently held financial warranty is sufficient to achieve reclamation. Five Photos accompany this report to illustrate the current site conditions.

As seen in Photo One, the proper mine identification signage was posted at the entrance to the site. Also observed were the permit boundary markers, which consisted of T-posts, fence lines and earthen berms. Several pieces of equipment were located on site during the inspection including a front end loader, crusher, conveyors and a hot plant. The site was not actively being mined during the inspection however the hot plant was running and material was being hauled off site from the stockpiles. The stockpiles observed on the pit floor included various sized materials, as well as some overburden and asphalt that is to be recycled. Examples of the stockpiles can be seen in Photos two and Three. All of the stockpiles on the pit floor appear to be stable and in good condition with no signs of degradation. The side slopes of the pit have been relaxed to approximately a 3H: 1V or shallower, and also appear to be stable. The side slopes are well vegetated with grasses and shrubs and are in good condition. An example of the side slopes can be seen in Photo Four.

The active mining area was observed, and consists of a highwall that is on average approximately 20 feet tall and 500 linear feet in length. The highwall appears to be stable with no evidence of sluffing, sliding or erosion noted. The material is removed from the highwall and processed in the crusher adjacent to the highwall and stockpiled on the pit floor. All areas around the highwall and crusher are in good condition. A small area on the west end of the pit was noted as being used as a storage yard and can be seen in Photo Five. All fuel and potentially hazardous materials are being stored in a mobile trailer with the proper containment devices.

The overall footprint of the site is in good condition and free from trash and debris. The site is extremely well kept and orderly. No evidence of settling, slumping, subsidence or erosion was observed throughout the site. No noxious weeds were noted and conversations with the operator indicate that weed management is ongoing. No problems or possible violations were noted during this inspection. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at 1313 Sherman Street, Room 215, Denver CO, 80203, by phone at (970)-243-6368 or by email at lucas.west@state.co.us.

PHOTOGRAPHS







Inspection Contact Address

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Enclosure

CC: Russ Means, Senior Environmental Protection Specialist