




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: Lindstrom Gravel Pit	MINE/PROSPECTING ID#: M-1993-069	MINERAL: Sand and gravel	COUNTY: Logan
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: February 12, 2019	INSP. TIME: 11:30
OPERATOR: Logan County	OPERATOR REPRESENTATIVE: Jeff Reeves	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Windy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 20, 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.

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>NA</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</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>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

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

OBSERVATIONS

The Lindstrom Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. The site was previously inspected by the Division on April 15, 2015. Mr. Jeff Reeves with Logan County was present during the inspection.

The 112c operation is permitted for 19.79 acres with an approved post-mining land use of rangeland. The site is located approximately 11 miles southwest of Sterling, CO near the intersection of CR 10 and CR 53. The ground was partially snow covered at the time of the inspection. The mine identification sign was posted at the entrance to the site and the boundary was delineated by wood posts and metal t-posts as required by Rule 3.1.12.

The site is in final reclamation according to the Operator. The mining activity consisted of mining the southern hillside. The excavation area was contour graded by the Operator last spring at the approved 3H:1V slope. The slopes appeared stable and no erosion features were observed during the inspection. A stockpile of imported topsoil and a material stockpile were located in the southern portion of the pit floor. A well-vegetated topsoil stockpile was located in the northern portion of the pit floor. The material stockpile is for the landowners use only. The Operator was aware of the Division's requirement to provide a notarized letter from the landowner stating the material would not be sold and will only be used on the landowner's property with the pending release request for the site. The Operator stated 6 inches of topsoil would be replaced and the site would be seeded in the fall with the approved seed mixture.

Photographs taken during the inspection and an inspection map created by the Division based on the inspection observations are attached.

Inspection Contact Address

Jeff Reeves
Logan County
12603 CR 33
Sterling, CO 80751

Enclosure – Inspection Map

Ec: Michael Cunningham, DRMS

PHOTOGRAPHS



Lindstrom Pit mine sign



View of the site from the northwest corner looking south



View of the site from the northwest corner looking southeast



View of the site from the northwest corner looking east



View of site from north side looking south



View of the site from the southwest corner looking northeast



View of the site from the northeast corner looking southwest