



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: Koskie Pit	MINE/PROSPECTING ID#: M-2014-024	MINERAL: Sand and gravel	COUNTY: Weld
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: June 30, 2016	INSP. TIME: 10:00
OPERATOR: Weld County Public Works	OPERATOR REPRESENTATIVE: None	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: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 9, 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>NA</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>Y</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>	(CI) COMPLETE INSP---- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</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

The Koskie 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 inspection was conducted from WCR 120 before an inspection of the adjacent Lehr Pit. A representative from Weld County was not present during the inspection.

The site is located approximately 2.5 miles south and 2.5 miles east of the Town of Carr, CO. The site is permitted for 40.5 acres with 35.99 acres of mining disturbance. The gravel deposits are stream channel deposits associated with Lone Tree Creek, which is an ephemeral stream located approximately ½ mile east of the site. The estimated thickness of the gravel bearing zone varies from 0 to 15 feet in depth.

The approved Mine Plan states 30 acres will be disturbed during the initial phase of the operation with 15 acres for stockpiling and process and 15 acres for mining. The area will be stripped and the crushing and screen plants will be set up on the west end of the site. The site will be mined from east to west with the deepest gravel deposits in the western portion of the site. No groundwater will be exposed. Mining excavation will remain 2 feet above the anticipated groundwater elevation.

The permit was issued by the Division on August 7, 2014. The mine site began operations in 2015 according to the 2015 annual report. The site was active during the inspection. Topsoil stockpiles are located along the north and south permit boundaries in the east side of the site. The topsoil stockpiles are well vegetated and stable. Mining excavation began along the east boundary and is progressing to the west. The processing plant is located east of the entrance. Stockpiles were observed around the processing plant. The annual report and map accurately depicted the disturbance at the site.

The proposed post-mining land use for the site is cropland. The slopes will be reclaimed at a 4H:1V slope with 6" to 12" of topsoil replaced during reclamation. The reclaimed slopes will daylight to the east to maintain the current positive drainage direction.

Photographs taken during the inspection are attached.

Inspection Contact Address

Mr. Clay Kimmi
Weld County Public Works
1111 H St.
Greeley, CO 80632

Cc: Wally Erickson, DRMS

PHOTOGRAPHS



Koskie Pit mine sign



Looking south from the NE corner of the site.



Looking SW from the NE corner of the site.



Looking west from the NE corner of the site.