



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
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: Smith Pit	MINE/PROSPECTING ID#: M-2006-049	MINERAL: Sand and gravel	COUNTY: Kit Carson
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott R. Russell	INSP. DATE: May 13, 2014	INSP. TIME: 12:10
OPERATOR: Kit Carson County	OPERATOR REPRESENTATIVE: Dave Hornung	TYPE OF OPERATION: 110c - Construction Limited Impact	

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: <i>Elliott R. Russell</i>	SIGNATURE DATE: June 3, 2014

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>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</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>	(SB) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</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>NA</u>	(ST) STIPULATIONS----- <u>NA</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 inspection was conducted by Elliott Russell of the Division of Reclamation, Mining and Safety (Division). Dave Hornung of Kit Carson County was present for the inspection. The Smith is located approximately 10.5 miles north of Burlington, Colorado. The site is an active 110c operation with 9.45 acres permitted and the post-mining land use is rangeland. This inspection was carried out as a part of the Division's routine monitoring inspection program.

At 12:10, the Division and Mr. Hornung arrived at the mine site entrance along County Road 47. At the time of the inspection it was windy and cloudy, and the ground was dry. The permit identification sign was posted at the entrance. Though this sign is legible and is in compliance, the Division recommends the Applicant re-paint or replace the sign due to the amount of wear on it. The boundary corners were delineated by half-buried tires. No mining activities were occurring during the time of the inspection and no equipment was on site. There was no evidence of recent mining activities observed.

Topsoil has been stripped and placed in various piles around the perimeter of the pit. One pile, in the southwest corner of the permit, which appears to be topsoil, had no vegetation cover and exhibited steep slopes. As per Rule 3.1.9(1), if topsoil is not replaced on a backfill area within a short time frame (Division policy is one year), vegetation cover or other means should be implemented so that the topsoil is protected from erosion.

The pit highwalls are approximately 20 feet tall and significant sloughing and undercutting has occurred. As previously noted in the January 2010 inspection conducted by the Division, this feature may pose a potential worker safety hazard and should be reworked to an appropriate and stable slope.

Just east of the permit boundary is a small ravine which is currently being used by the landowner as a small landfill. Kit Carson County should ensure that this waste stays out of the approved permit boundary and pit. A small inactive excavation with a separate access road was also observed near this landfill.

Photographs taken during the inspection are attached.

Inspection Contact Address

Dave Hornung
Kit Carson County
Road & Bridge Supervisor
Burlington, CO 80807

CC: Tom Kaldenbach; DRMS

PHOTOGRAPHS



Permit identification sign; looking west.



Southwest boundary corner, bare topsoil stockpile to the left, looking northeast.



Smith Pit, dangerous overhang observed; looking southeast.



Adjacent landfill ravine; looking south.