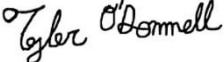




COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

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: Henderson Development	MINE/PROSPECTING ID#: M-1980-110	MINERAL: Sand and gravel	COUNTY: Adams
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Tyler V. O'Donnell	INSP. DATE: March 5, 2014	INSP. TIME: 15:00
OPERATOR: E-470 Public Highway Authority	OPERATOR REPRESENTATIVE: Neil Thomson	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Preoperation Inspection	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00
DATE OF COMPLAINT: N/A	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 19, 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>Y</u>	(SB) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>NA</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 pre-operation inspection was conducted in response to an Amendment application (AM-06) that the Division of Reclamation, Mining and Safety (Division/DRMS) received on March 4, 2014. The pre-operation inspection was conducted by Tyler O'Donnell, Amy Escherger, Elliott Russell, and Tom Kaldenbach of the Division. E-470 Public Highway Authority, the Operator, was represented by Neil Thomson during the inspection. The Henderson Development pit (Sandy Acres Pit) is a 42.80 acre 112 Construction Materials Reclamation Permit. The Henderson Development pit (Sandy Acres Pit) is located approximately 1.5 mile northeast of Henderson, Colorado.

The site is current inactive. The last annual report indicates the site has not been operational since 1998-1999. The pond slopes are stable and well vegetated with a variety of grasses. The Division cited a problem in the March 2, 2011 inspection report for failure to protect the hydrologic balance as required by Rule 3.1.6. The Operator shall demonstrate in AM-06 how the Operator intends to comply with Rule 3.1.6.

The Operator submitted AM-06 to expand the permit boundary and change the post-mining land use. The Operator has proposed changing the post-mining land use from a pond/residential to pastureland. The proposed plan would allow the Operator to run a box culvert underneath a portion of E-470. The box culvert would contain a conveyor belt allowing the operator of the adjoining gravel pit (Pit 29, DRMS permit No. M-1980-183) to transport wash fines underneath E-470 into the Henderson Development pit. The Division understands that the Operator will use the wash fines to backfill the Henderson Development pit to midigate the exposed groundwater liability.

Inspection Contact Address

Neil Thomson
E-470 Public Highway Authority
22470 E. 6th Parkway
Aurora, CO 80018

CC: Tom Kaldenbach, DRMS
Amy Escherger, DRMS
Elliott Russell, DRMS

PHOTOGRAPHS



Photo 1: View looking northeast, E-470 in the background.



Photo 2: View looking east, Highway 85 in the background.