



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: Arthur-Mae Gravel Pit	MINE/PROSPECTING ID#: M-2014-068	MINERAL: Gravel and Borrow	COUNTY: Phillips
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott R. Russell	INSP. DATE: March 9, 2016	INSP. TIME: 10:45
OPERATOR: City of Holyoke	OPERATOR REPRESENTATIVE: Mark Brown & Mike Roll	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: NA	BOND AMOUNT: NA
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE:	SIGNATURE DATE: April 29, 2016

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected. 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>	(SW) STORM WATER MGT PLAN---- <u>NA</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) SEDIMENT CONTROL----- <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 / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This normal routine monitoring inspection was conducted by Elliott Russell of the Division of Reclamation, Mining and Safety (Division). City of Holyoke (Operator), was represented by Mark Brown and Mike Roll.

The Arthur-Mae Gravel Pit is located in Yuma County approximately 3 miles east-southeast of Holyoke, Colorado. The site has one entrance on County Road 45 and another on County Road 47, both approximately ½ mile south of Highway US Highway 6. The Arthur-Mae Gravel Pit is a Construction Materials 110c Reclamation Permit. The primary commodities mined at the site is gravel, dirt, and borrow. The 110c Construction Materials Reclamation Permit was issued March 18, 2015. The approved post-mining land use is wildlife habitat.

No problems or possible violations were observed during the inspection. During the inspection, the sky was clear and the ground was dry. The site appeared to see relatively frequent use. At the present time it appears that the mining operation has affected approximately 1 acre throughout the life of mine. All mining activity appeared to be within the approved affected land boundary. The internal pit haul roads and the access road appeared to be stable and well maintained. It appears that the mining operation was progressing from the upstream portion of Frenchman Creek and advancing to downstream to the east. Current disturbance has been limited to the western portion of the site for now. There was no evidence of excessive erosion. No noxious weeds were observed during the inspection, however, the Operator is encouraged to continue to monitor and treat noxious weeds if they volunteer into the permit boundary. A mine I.D. sign was located at the entrance to the mine site. The permit boundary was marked by t-posts. The reclamation cost estimate for this site was updated during the file review for this inspection.

The Operator inquired about the conversion process because they may be interested in the material location to the south of the creek, outside of the creek channel. The Operator will need to either wait two years (after March 18, 2017) to submit a conversion application in accordance with Rule 1.11.2(1) OR submit a new 112c application overtop of the existing 110c permit boundary if the Operator wants to expand before March 18, 2017.

PHOTOGRAPHS



Mine identification sign posted at the site entrance; looking east.



Site overview; looking southeast (downstream of Frenchman Creek).



Western access road; looking east.

Inspection Contact Address

Mark Brown
City of Holyoke
407 East Denver Street
Holyoke, CO 80734

CC: Wally Erickson; DRMS