




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: Ducray Pit #2	MINE/PROSPECTING ID#: M-2019-035	MINERAL: Borrow material	COUNTY: Mesa
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: August 14, 2019	INSP. TIME: 08:15
OPERATOR: Martinez Western Constructors Inc.	OPERATOR REPRESENTATIVE: None	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Preoperation Inspection	BOND CALCULATION TYPE: None	BOND AMOUNT: \$6,447.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 4, 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>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>NA</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>N</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>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</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 Division of Reclamation, Mining and Safety (Division) conducted a pre-operational inspection of the Ducray Pit #2. Amy Yeldell of the Division conducted the inspection. The Ducray Pit #2 is a proposed 110c reclamation only site that will consist of 2.45 acres where 0.66 acres of disturbance took place. The site is located in Mesa County.

This permit application is a Mined Land Reclamation Board Ordered reclamation only permit (MV-2019-009). The permit application was originally submitted under M-2018-018, which was denied and has since been reapplied for. Borrow material was originally removed in March of 2018 prior to obtaining a permit. Material was used for the CDOT Redlands Roundabout Project. No future material will be excavated from this site therefore only a reclamation permit is required. No mining or reclamation equipment is currently on site.

This application was called complete on July 1, 2019 and has a current decision due date of September 20, 2019. All site conditions appear to be unchanged as compared to previous site inspections under M-2018-018.

In fall of 2018 the Operator conducted some interim reclamation of excavated mining slopes. All slopes associated with the mining activity appear to be graded to a 3H: 1V or less. Transitional slopes to pre-law areas are quick and smooth. The landowner has additional coinciding disturbances within the historical pit which makes permitting delineations difficult. Those recently excavated slopes have little to no vegetation established (weeds) showing their recent/frequent disturbances. Overall slopes within the proposed permit area appear stable. Some minor touch-up grading will be required upon permit issuance.

Unfortunately due to the delay in reclamation the disturbed areas of this site have a large population of nuisance weedy species, specifically Russian Thistle. Staff believes that the establishment of desirable native vegetation will outcompete the nuisance species present onsite. The Operator is encouraged to diligently manage for listed noxious weeds if/when a permit issued. However until a permit has been issued the Operator may not conduct such activities without expressed written permission of the Division.

The Applicant has not yet constructed the proposed sediment retention pond or other associated BMP features. In the absence of BMP features the site appears to be stable with no erosion or sedimentation observed. On a positive note the established vegetation in the disturbed areas desirable or not has served as a BMP feature. Vegetation helps to anchor soil as well as disperse concentrated flows into sheet flow increasing infiltration and decrease the overall erosive potential of surface flows.

In general the Division believes that the application submitted adequately characterizes the current site conditions.

Inspection Contact Address

Paul Martinez
Martinez Western Constructors Inc.
718 Railroad Ave
Rifle, CO 81650

Enclosure

CC: Travis Marshall, Senior EPS, DRMS

PHOTOGRAPHS



Photo One: site overview from property entrance



Photo Two: Overview of south highwall and surrounding historical disturbances.



