




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: Amzak Pit	MINE/PROSPECTING ID#: M-2003-003	MINERAL: Gravel and sand	COUNTY: La Plata
INSPECTION TYPE: Monitoring	INSPECTOR(S): Lucas J. West	INSP. DATE: August 24, 2017	INSP. TIME: 08:57
OPERATOR: Consolidated Constructors, Inc.	OPERATOR REPRESENTATIVE: None	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$133,165.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 6, 2017	

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>Y</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</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>Y</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>Y</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 inspection was conducted as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety. The Amzak Pit is an active 112C operation in La Plata County. The site consists of 100 permit acres, and is located just off County Road 136 approximately 5 miles Northeast of Marvel, CO at 7100 Feet in Elevation. No Operator representative was present and the site was not active during the inspection. The Division currently holds \$133,165.00 in financial warranty for the site. A Reclamation Cost Estimate Update was performed and staff calculations determined that the currently held financial warranty is sufficient to achieve reclamation of the site in accordance with the approved reclamation plan. Six Photos accompany this report to illustrate the current site conditions.

The proper mine identification signage is posted at the entrance to the site as seen in Photo One. The permit boundaries were all clearly marked with earthen berms around the perimeter of the site. The mining activities are ongoing in Phase 1 of the operation. The Phase one area appears to be stable and in good condition and can be seen in Photos Two and Three. Several pieces of equipment including a loader, screen and water truck are located on the pit floor but were not active during the inspection. Several stockpiles of various sized materials are also located on the pit floor. All stockpiles located in Phase 1 appear to be stable and show no signs of settling, slumping or erosion. The active mining face consists of a highwall approximately 500 feet in length and made of two 40 foot tall benches for a maximum height of approximately 80 feet. The highwall can be seen in Photo Four, appears to be stable and in good condition. A storm water control device was observed along the eastern edge of Phase 1 and appears to be functioning as designed.

Mining activities have yet to commence in Phases 2 or 3, however the areas are being utilized for stockpiling of materials. Phase 2 contains several stockpiles as well as some equipment being stored as well as shown in Photo Five. Phase 3 contains a large stockpile of concrete, rip rap and rubble that is to be recycled and utilized. The piles can be seen in Photo Six. All stockpiles that were observed in both phases 1 and 2 appear to be stable and show no signs of settling, slumping or erosion. Throughout the site, in both the disturbed and undisturbed areas, excessive amounts of noxious weeds exist. The predominant species on site is Musk thistle that can be seen in several of the above listed photographs. Other species including Halogeton and Russian thistle are also present. Some evidence of chemical treatment was observed, however observations made during this inspection indicate that follow up treatments did not take place. The Division recommends that the Operator continue to treat the noxious weeds on site, and do so several times during the year to avoid future problems with reclamation success. This is not being cited a problem at this time, however future neglect of the noxious weeds could result in possible enforcement action.

The overall footprint of the site is in good condition. All fuel and hazardous materials were stored with appropriate secondary containment, and all buildings and structures located on site were in good condition. The site appears to be free draining and no signs of significant erosion were observed during the inspection. There are no problems or possible violations at this time. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at 1313 Sherman Street, Room 215, Denver, CO 80203, by phone at (970)-243-6368 or by email at lucas.west@state.co.us.

PHOTOGRAPHS







Inspection Contact Address

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Enclosure

CC: Russ Means, Senior Environmental Protection Specialist