


**COLORADO**Division of Reclamation,
Mining and Safety

Department of Natural Resources

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: Upper Animas Sand and Gravel Pit	MINE/PROSPECTING ID#: M-2005-065	MINERAL: Sand and gravel	COUNTY: San Juan
INSPECTION TYPE: Monitoring	INSPECTOR(S): Lucas J. West	INSP. DATE: August 30, 2018	INSP. TIME: 12:10
OPERATOR: Jack Clark, Jr.	OPERATOR REPRESENTATIVE: None	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$20,404.67	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 24, 2018	

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>Y</u>	(RV) REVEGETATION---- <u>N</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>N</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <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 inspection was conducted as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety. The Upper Animas Sand and Gravel Pit is an active 112(c) operation consisting of 16.3 Permitted Acres located 3.5 Miles Northeast of Silverton, CO. The site lies on the North side of County Road 2 at nearly 9,720 Feet in elevation. The Division currently holds \$20,404.67 in Financial Warranty for the site. A reclamation cost estimate update was performed as a result of this inspection. Staff calculations found that the currently held Financial Warranty is sufficient to achieve reclamation of the site in accordance with the Act and Rules and 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 and can be seen in Photo One. The permit boundaries are also clearly marked with a combination of T-posts and earthen berms. The active mining area is located within the Pit 1 area. Pit one lies within the active floodplain of the Animas River and will be reclaimed to a developed water resource. The side slopes of the pit appear to be stable, in good condition and are in their final reclamation configuration of 3H: 1V. The southern and western portions of pit 1 have exposed ground water in accordance with the reclamation plan. The majority of the pit floor will continue to be mined until it meets the reclamation depth. Photo Two shows an example of the exposed water as well as the pit floor which is in good condition.

The Pit 2 area appears to be in similar condition as it was the previous inspection. Pit two will be mined to create a developed water resource that is not exposed groundwater but filled using surface waters from Maggie Creek. No water was present in the pit area during the inspection. The side slopes of the Pit 2 area appear to be stable and are at final grade. They are in good condition and have begun to be vegetated with volunteer vegetation species. The Pit 2 area can be seen in Photos Three and Four

Pits 3 and 4 have not been excavated at this time. The lands have been affected only by material processing and stockpiling activities. A large stockpile of material is located in the main parking area and shows signs of recent hauling activity. Photos Five and Six show the unexcavated areas of Pits 3 and 4.

The overall footprint of the site is in good condition and free from excessive trash and debris. All fuel and hazardous materials that are stored on site are in proper secondary containment. No signs of settling, slumping or erosion were noted during the inspection. No state listed noxious weeds are present on site. There are no problems or possible violations on site. 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.

Inspection Contact Address

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PHOTOGRAPHS

