




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: OakBrush Hill Gravel	MINE/PROSPECTING ID#: M-2021-064	MINERAL: Aggregate, gravel and sand	COUNTY: Archuleta
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Lucas West	INSP. DATE: January 25, 2022	INSP. TIME: 11:50
OPERATOR: C & J Gravel Products, Inc.	OPERATOR REPRESENTATIVE: Hank Boeschert	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Pre-operation Inspection	BOND CALCULATION TYPE:	BOND AMOUNT: No Bond Held	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 16, 2022	

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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>Y</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>N</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>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</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

This inspection was conducted by the Colorado Division of Reclamation, Mining and Safety (Division) as a Pre-operational inspection for new application. In addition to the on the ground inspection, the Division performed an aerial inspection by way of an Unmanned Aerial Vehicle. The Oakbursh Hill application details a 112c operation totaling 167.2 acres in support of the surface extraction of sand and gravel resources. The current land use is wooded rangeland and the intended post mining land use upon completion of the mining operations and reclamation is rangeland. The site contains a current disturbance related to excavation, crushing and stockpiling activities being conducted for ranch use that has been approved by the Division as well as Archuleta County. The site is located approximately 3.8 Miles North of Pagosa Springs, CO just off Piedra Road (CR600), and lies entirely on private property. No Financial Warranty has been set for the site due to the application being under review and a decision has not been rendered. A reclamation cost estimate will be performed as part of the permitting process. Ten photos accompany this report to illustrate the current site conditions.

Access to the site is a locked gate off Piedra Road providing access to the private property. The access road leads approximately 2,500 feet into the property leading to the area of excavation. Evidence of material being placed on the road to mitigate muddy conditions was observed. During the inspection, conversations with the Applicant confirm that approximately 600 tons of material had been laid on the road, using the front end loader on site. The proper notice signs for the pending application were posted on the gate and can be seen in Photo One. The access road winds along the base of the ridge, turning south leading to the area of excavation. An example of the access road can be seen in Photo Two.

The application details a phased mining operation consisting of four separate phases, the most extensive being phases one and two. Phase one of the operation will be located to the south of the current excavation area, and is currently undisturbed with the exception of a small, 5.5 acre area that historically used as a Forest Service pit, when the property was administered by the US Forest Service years ago. An aerial view of the phase one area can be seen in Photos Three and Four. Phase two of the mining operation will be located to the northeast of the current area of excavation and includes approximately 39.7 acres of the permit area. This phase can be seen in Photos Five and Six.

The current area of excavation was observed and found to be in good condition. An aerial image of the whole area can be seen in Photo Seven. Equipment present included an excavator, front end loader, crusher with conveyors and stackers, support trailers including a self-contained diesel gen-set, skid steer and other equipment. Examples of the equipment present can also be seen in Photo Seven. The area being excavated is currently a small footprint, containing two "benches" referred to as the upper and lower highwalls respectively. The highwalls are approximately 20 feet tall, with a length of approximately 60 linear feet in a general crescent shape. The area of excavation can be seen in Photos Eight and Nine. The highwalls appeared stable at the time of the inspection and no evidence of settling, slumping or erosion was noted. Just up gradient from the highwall, native soil material has been stripped back and stockpiled. The stockpiles were covered in snow, but appeared stable and in good condition at the time of the inspection. A larger area of approximately 2-3 acres had trees and vegetation removed in preparation for excavation. The harvested trees have been stockpiled on the property for later use.

The crusher area was orderly, and free from trash and debris. The conveyors and stackers lead to a large

stockpile of crushed three inch material. Based on visual observations and conversations with the Applicant the estimated volume of material crushed is approximately 15,000 tons. The stockpile can be seen in Photo Ten. The volume of stockpiled material appeared to be consistent with the void volume of the area of excavation. The stockpile appeared stable at the time of the inspection and was in good condition. The pit floor contained some standing water from melting snow, and no evidence of groundwater, seeps or springs being encountered was noted.

The overall footprint of the site is in good condition and no problems or possible violations were noted. No evidence of settling, slumping or erosion of the current excavation area was observed and no evidence of State Listed Noxious Weeds was observed. The Division will continue to work with the Applicant through the permitting process until a decision can be rendered on the application. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at Room 215, 1001 E 62nd Ave. Denver, CO 80206, by phone at 303-866-3567 Ext. 8187 or by email at lucas.west@state.co.us.

Inspection Contact Address

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PHOTOGRAPHS



Photo One: View east, showing the entrance to the site located just off Piedra Road, also visible is the required notice sign for new applications.



Photo Two: View northeast, showing an example of the existing access road on private property that will be used to serve the pit.







Photo Seven: View north, showing an aerial view of the current excavation area. Major features of the area include the highwalls, stockpile, crusher and various equipment.



Photo Eight: View east, showing the upper highwall in the area of excavation. The highwall appeared stable at the time of inspection and was approximately 20' tall.

