


**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: Animas Glacier Gravel (AGG)	MINE/PROSPECTING ID#: M-2011-028	MINERAL: Gravel and sand	COUNTY: La Plata
INSPECTION TYPE: Monitoring	INSPECTOR(S): Lucas J. West	INSP. DATE: February 6, 2018	INSP. TIME: 08:00
OPERATOR: Oldcastle SW Group, Inc. dba Four Corners M	OPERATOR REPRESENTATIVE: Matt Carnahan	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: High Priority	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$78,788.37	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Raining	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 2, 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>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</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>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <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 Animas Glacier Gravel Pit is an active 112(c) Operation located approximately 3 Miles South of Durango, CO at nearly 6660 Feet in Elevation. The entrance to the site is located just off La Posta Road (County Road 213) and public access is controlled by a locked gate. The Division currently holds \$78,788.37 in Financial Warranty for the site. A reclamation cost estimate update was performed for the site and staff calculations found that the currently held financial warranty is sufficient to achieve reclamation in accordance with the approved reclamation plan. In addition to the inspector listed on page one of this report, Matt Carnahan of Four Corners Materials was present during the inspection. Five Photos accompany this report to illustrate the current site conditions.

The proper Mine Identification signage was posted where the access road meets La Posta Road, and the permit boundaries were clearly marked. The site was not active during the day of the inspection however various equipment including excavators, front end loaders, and several conveyors were on site in support of the ongoing mining operations. The active mining area is confined to a small highwall that is approximately an average of 50 feet tall. The active mining area can be seen in Photos One and Two. The highwall is in good condition and appears to be stable. It shows no signs of settling, slumping, or significant erosion at this time. The previously mined areas that surround the pit floor have been relaxed to approximately a 3H: 1V configuration and revegetated. The vegetation is coming in well, and is providing adequate stability to the slopes as no signs of erosion was observed on the reclaimed areas.

Several large stockpiles of various sized materials were on the pit floor. All stockpiles observed appeared to be in good condition and stable. Examples of the stockpiles can be seen in Photos Three and Four. An overview of the pit floor can be seen in Photo Five. Several facilities exist on the pit floor including the crusher, conveyors, wash plant, concrete batch and asphalt hot plants as well others. All facilities are in excellent condition with all of the ancillary equipment stored in a neat and orderly fashion. Near the asphalt hot plant is a mobile office trailer currently being used as an office as well as a large area being used as a laydown/ storage area. All items being stored in the storage area are in good condition and stored in a neat and orderly fashion. In the storage area are two large double walled above ground fuel storage containers. The proper safety and spill kits are located adjacent to the tanks and because they are double walled with built in secondary containment, no additional containment measures are required.

On site discussions with the Operator indicate that plans are in the works to design and construct a new vehicle maintenance shop and office facility as permanent structures. The addition of the facilities would need to be addressed through the technical revision process which will need to clearly address if the structures are to be reclaimed prior to release or if they will remain post-reclamation. The Technical Revision should be submitted and approved prior to the construction of the facilities.

The overall footprint of the site is in excellent condition and free from trash and debris. No signs of erosion, or State Listed Noxious Weeds were noted during the inspection. No problems or possible violations exist on site 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 213, Denver CO, 80203, by phone at (970)-243-6368 or by email at lucas.west@state.co.us.

PHOTOGRAPHS





Photo Three: View Southeast showing an example of one of the large stockpiles on site. All stockpiles are in good condition and appear stable.

2.6.2018



Photo Four: View West, showing another example of the stockpiles that exist on site. All stockpiles with the exception of the overburden and topsoil are stored on the pit floor.

2.6.2018



Inspection Contact Address

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Enclosure

CC: Russ Means, Senior Environmental Protection Specialist