


**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: J & J Pit	MINE/PROSPECTING ID#: M-1985-001	MINERAL: Sand and gravel	COUNTY: La Plata
INSPECTION TYPE: Monitoring	INSPECTOR(S): Lucas J. West	INSP. DATE: April 5, 2017	INSP. TIME: 08:00
OPERATOR: Glacier Gravel Products	OPERATOR REPRESENTATIVE: Jim Helmericks, Nathan Barton	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Surety Related	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$8,457.58
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Foggy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 11, 2017

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Financial Warranty

PROBLEM/POSSIBLE VIOLATION: Problem: The financial warranty is not adequate to reclaim the site in accordance with the approved reclamation plan. This is a failure to maintain the proper financial warranty amount to complete reclamation of the affected lands pursuant to C.R.S. 34-32.5-117(4)(b) of the Act.

CORRECTIVE ACTIONS: The operator shall submit the additional amount to ensure the financial warranty is not less than **\$47,930.00**. The surety increase notice and calculations are enclosed with this report. The operator will have 60 days from the date on the surety increase notice to post the additional financial warranty. The additional amount must be posted no later than June 12, 2017

CORRECTIVE ACTION DUE DATE: 6/12/17

OBSERVATIONS

This inspection was conducted to assess the current site conditions in order to perform a Reclamation Cost Estimate Update. The J & J Pit is an active 110c gravel operation located two miles South of Durango. The site is accessed by Colorado State Highway 3 near Alpine Auto Doctors. The operation consists of 9 permitted acres. As identified on page one of this report, the landowner, Jim Helmericks and his Consultant Nathan Barton were present during the inspection. Also Present was Jay Nielson, Darrel Couch and Rich of Crossfire Aggregate Services LLC. The site was not active during the time of the inspection. The Division currently holds \$8,457.58 in financial warranty for the site. Four photos accompany this report to illustrate the current conditions of the site.

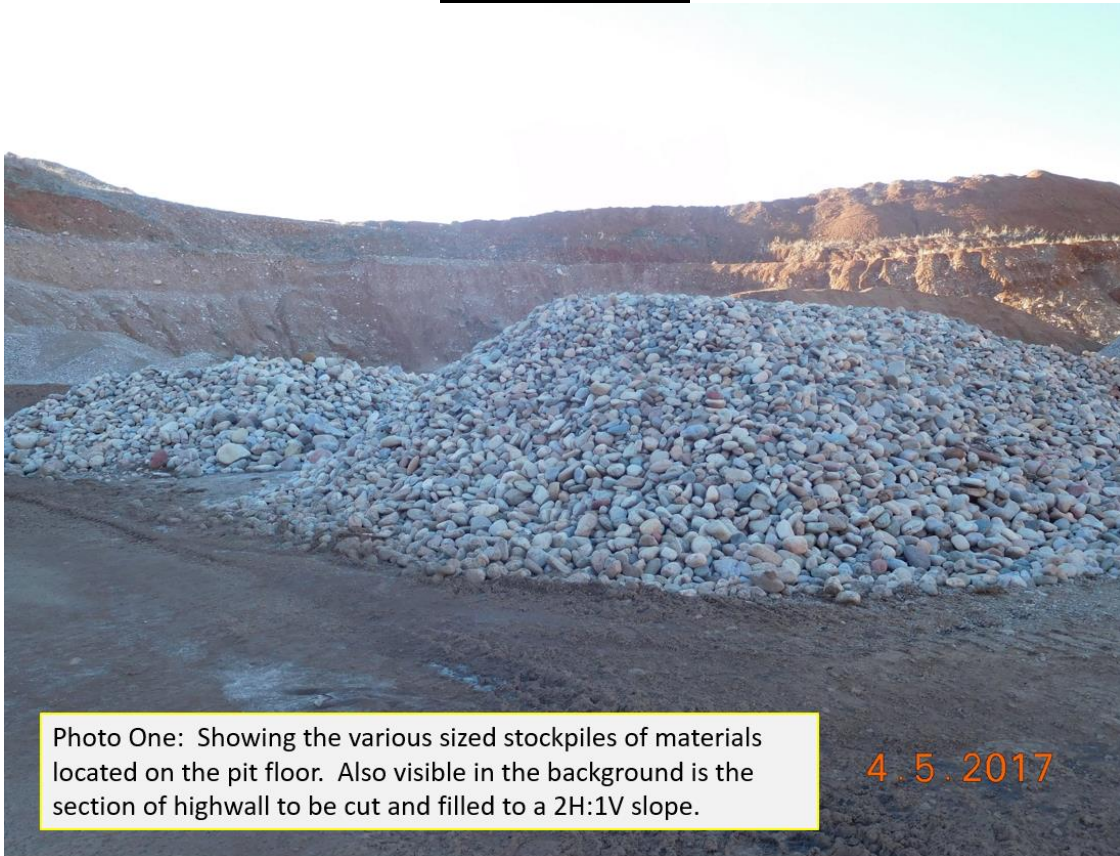
The proper Mine Identification Signage was observed at the entrance to the site. The site was not active during the inspection and the only equipment on site was a parked loader adjacent to the scale house. Several stockpiles of materials are located on the pit floor shown in Photo One, the stockpiles appear to be stable and are in good condition. A large section of the North highwall has been backfilled to approximately 2H : 1V slope with straw wattles installed for erosion control. Photo Two shows the backfilled slope which was hydro seeded shortly after the inspection concluded. The remaining highwall to be backfilled, shown in Photo Three, consists of 430 foot long section that is a mix of vertical face and 1.5H: 1V slopes. A stockpile of material is located approximately 300 feet from the highwall, which will need to be moved via Wheeled Loader to backfill the slope. The slope of the remaining highwalls can be reduced by utilizing the cut and fill method of dozing. The remaining highwalls are approximately 80 feet tall, 500 linear feet, and are a mix of vertical face and 1H :1V slopes.

Photo Four shows various debris located within the permitted area including tires and scrap metal. The material is not included in the approved reclamation plan, therefore removal of the 100 cubic yards of material was included in the Reclamation Cost Estimate Update. Discussions with the Operator and his consultant indicate the material is being stored on site for eventual use by the landowner. Storing the materials on site can be addressed through the pending Technical Revision, however so long as the material is within the permitted area, the Reclamation Cost Estimate will include the removal and disposal of the material. On site disposal of the scrap metal or tires will not be approved by the Division.

A Reclamation Cost Estimate Update was performed and staff calculations determined the currently held financial warranty is insufficient to achieve reclamation in accordance with the approved plan. Enclosed with this report is the Notice of Surety Increase (SI-3) and Calculation Worksheets. The Operator will have **60 Days** from the date of the enclosed notice to post the additional required financial warranty. The additional amount, to ensure a financial warranty not less than **\$47,390.00**, must be received by the Division no later than Monday June 12th, 2017.

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





GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>PB</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>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>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <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

Inspection Contact Address

Jim Helmericks
Glacier Gravel Products
995 Hwy 3
Durango, CO 81301

Enclosure

CC: Russ Means, Senior Environmental Protection Specialist

EC: Nathan Barton, Wasteline Inc.