


**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: Zellitti Pit	MINE/PROSPECTING ID#: M-1980-246	MINERAL: Gravel	COUNTY: La Plata
INSPECTION TYPE: Monitoring	INSPECTOR(S): Lucas J. West	INSP. DATE: August 24, 2017	INSP. TIME: 10:31
OPERATOR: Anthony Zellitti	OPERATOR REPRESENTATIVE: None	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$44,818.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 21, 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: Hydrologic Balance**PROBLEM/POSSIBLE VIOLATION:** Problem: Irrigation runoff from the Zellitti farm was being allowed to flow unconfined across the permit area, creating potential erosion and stability problems to the slopes and the pit floor.**CORRECTIVE ACTIONS:** The irrigation flow should be either re-routed around the pit area, or confined into a pipe to be conveyed through the entire permit area to prevent any further degradation of the slopes or pit floor. Photo documentation of the completion of these corrective actions should be received within **30 days** of the date of this letter.**CORRECTIVE ACTION DUE DATE: 10/20/17**

OBSERVATIONS

This inspection was conducted as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety. The Zellitti pit is an active 112C operation that is located at the end of County Road 300 approximately 8 Miles South of Durango, CO. The site consists of 60.1 Permitted acres at nearly 6640 Feet in Elevation. Public access to the site is controlled by a locked gate at the end of the County Road. A Reclamation Cost Estimate Update was performed and staff calculations found the currently held financial warranty sufficient to achieve reclamation of the site in accordance with the Act, Rules and approved Reclamation Plan. The Division currently holds \$44,818.00 in financial warranty for the site. No Operator representative was present during the inspection. Six photos accompany this report to illustrate the current site conditions.

The proper mine identification signage was posted at the entrance to the site, and the permit boundaries are clearly marked with earthen berms. Various equipment, trailers and other debris was on site during the inspection however the site was not active during the inspection. Observations made during this inspection indicate that the equipment has not been used recently. Examples of the equipment can be seen in Photo One. If the equipment is not anticipated to be used soon, the Operator should consolidate all mobile equipment to a centralized storage area, and store the equipment in a neat and orderly fashion. This is not being cited as a problem at this time, however to prevent future problems and possible violations, the consolidation should be completed within the next 60 days. The site could use a general clean up and disposal of trash and debris. Scrap material is allowed to be store on site however it must be stored in a neat and orderly fashion. Also please note that a stockpile of tires was observed along the access road near the gate. Storing tires on site is allowed however using the tires for backfill or disposing of the tires in the pit area is not. To avoid possible problems or possible violations in the future the Operator is advised not to dispose of the tires on site in any way.

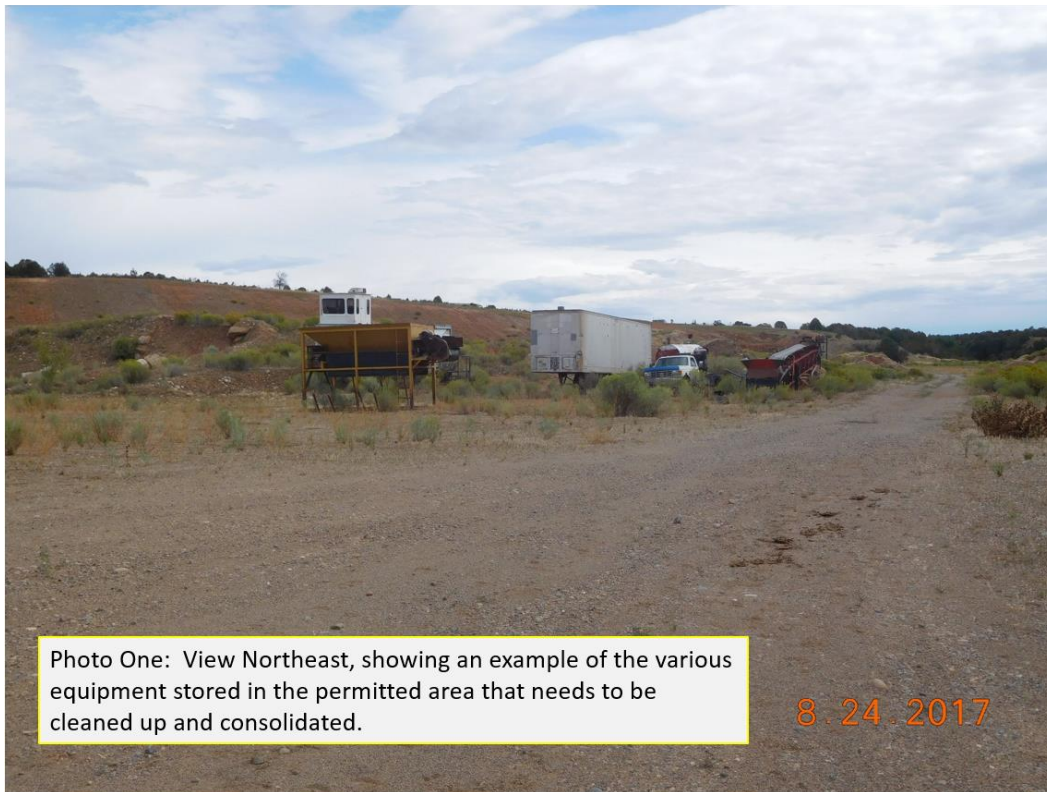
The active mining area consists of sloping highwall that can be seen in Photo Two. The highwall appears to be stable and at this time is showing no signs of settling, slumping or erosion. The adjacent slope which was previously mined can be seen in Photo Three is the location of the new access road. The road is in construction and will be used to access the pit floor once completed. The Pit floor is in good condition and has begun to revegetate itself with volunteer species. Several conveyors and stockpiles of materials are on the pit floor including overburden and salable materials and can also be seen in Photo One. Several other stockpiles exist throughout the site including various overburden and topsoil stockpiles that have been spread across the site for ease of reclamation. An example of the various stockpiles can be seen in Photo Four. All stockpiles on site appear to be stable and in good condition. A majority of the site has begun to revegetate itself with volunteer species. There are several large populations of Canada thistle onsite that show signs of treatment earlier in the summer. There was however a significant amount of new growth, and the Operator should consider completing a fall treatment and possibly removal effort in the coming weeks.

At the Northwest corner of the pit, irrigation return flows from the Zellitti Farm is entering the permit area. Photo Five shows the point at which the flows leave the confinement of a pipe and are allowed to flow unconfined, down the slope to the pit floor, across the pit floor and eventually leaving the permit area to return to the creek. Photo Six shows the flow migrating across the pit floor. This is being cited as a problem as the continued flow of irrigation water will cause erosion of the pit slopes, saturation of the pit floor, and potentially compromise the stability of the slopes. The irrigation flow should be either re-routed around the

pit area, or confined into a pipe to be conveyed through the entire permit area to prevent any further degradation of the slopes or pit floor. Corrective actions should be taken immediately and photo documentation of the completion of these corrective actions should be received within **30 days** of the date of this letter. The Division should receive demonstration of compliance no later than **Friday October 20, 2017** to prevent further problems, possible violations and enforcement actions.

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



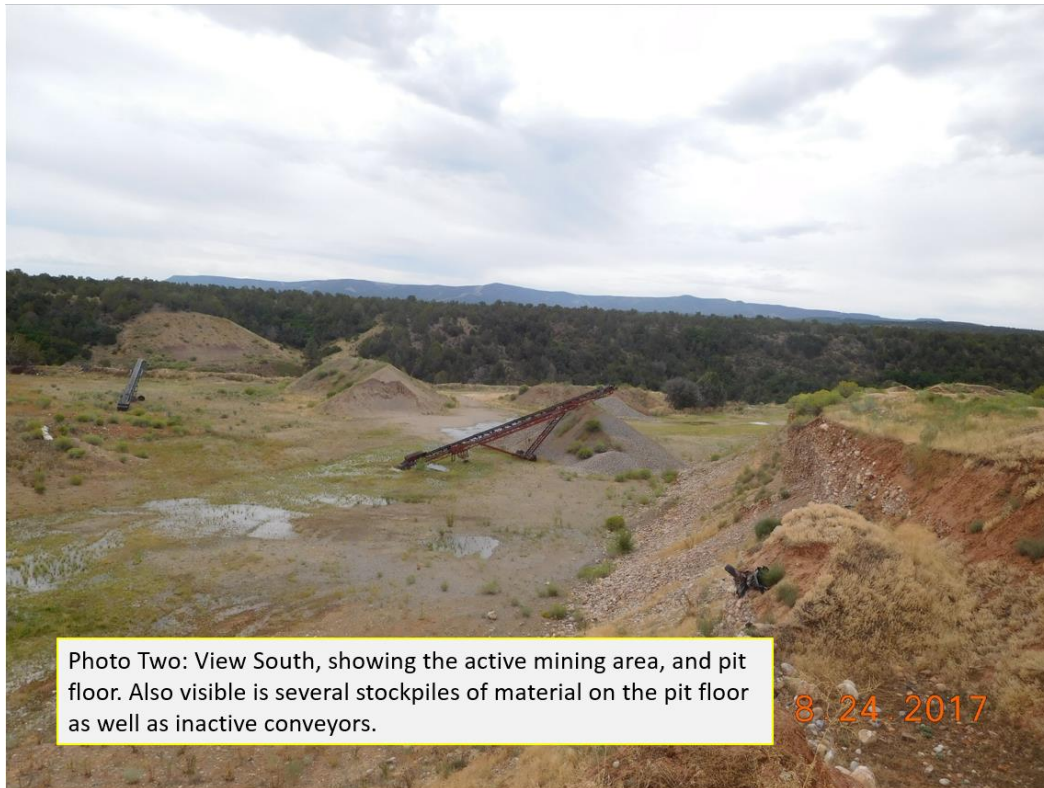






Photo Six: View East, showing the irrigation flows migrating across the pit floor. Generally flowing from North to South.

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>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>PB</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>Y</u>
(SM) SIGNS AND MARKERS----- <u>N</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

Inspection Contact Address

Anthony Zellitti
2001 CR 300
Durango, CO 81301

Enclosure

CC: Russ Means, Senior Environmental Protection Specialist
Roy Hocker, Hocker Construction