




**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.

<b>MINE NAME:</b> T.H.E. Aggregate Source	<b>MINE/PROSPECTING ID#:</b> M-1977-193	<b>MINERAL:</b> Granite, granite gneiss gravel	<b>COUNTY:</b> Fremont
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Timothy Cazier, P.E.	<b>INSP. DATE:</b> June 15, 2021	<b>INSP. TIME:</b> 09:10
<b>OPERATOR:</b> Tezak Heavy Equipment Co. Inc.	<b>OPERATOR REPRESENTATIVE:</b> Lu Toxvard	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$732,350.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> August 13, 2021	

**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>Y</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>NA</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	

Y = Inspected / 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 regular monitoring program. The Permittee (Tezak Heavy Equipment) was represented by Mr. Lu Toxvard who was present during the inspection. The Aggregate Source Pit is accessed from US Hwy 50, just west of the intersection with Tunnel Drive approximately 1.5 miles west of Cañon City. This is a 112c stone and gravel mine. It was operating at the time of the inspection.

Availability of Records: Annual fees are paid through November 2020. The previous inspection was on March 28, 2018. The approved post-mine land use is rangeland. There are no open infractions. The eastern portion of the permit is comprised of privately owned surface and minerals. The western portion surface and minerals are managed by the Bureau of Land Management (BLM).

Backfilling and Grading: Sufficient backfill material (crusher fines) appeared to be available.

Excess Spoil and Dev. Waste: Overburden stockpiles were observed on the north end of the Phase 1 affected area (see **Photo 1**). They appeared stable with the small exception of where some material was recently borrowed.

Explosives: The mine has a blasting plan and blasting reports are kept on file in the site office. T.H.E. has its own certified blasters and conduct blasting operations roughly every three weeks.

Financial Warranty: The \$732,350 bond held by the DRMS was last updated in 2013. It is currently being reviewed as the focus of TR-10, received by the DRMS on 8/10/2021.

Fish and Wildlife: No impact to wildlife was observed. Mr. Toxvard indicated big horn sheep are sometimes seen on site. A mule deer buck was observed during the inspection.

Hydrologic Balance: No standing water was observed in the pit and no exposed groundwater was observed.

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan. The maximum allowed disturbed area is 253.5 acres. Google Earth was used to measure the disturbed area, which was estimated to be approximately 109 acres, based on 2019 imagery. Highwalls are 40 feet in height with 30-foot wide benches and appeared stable (see **Photo 2**). Phase 2 was being mined at the time of the inspection. Mr. Toxvard stated they were working on the technical revision to re-evaluate the bond as required prior to moving into Phase 3. As stated above, TR-10 was received on 8/10/2021.

Off-site Damage: The operation appeared to be confined to the permit boundary, based on Google Earth review and site observations.

Processing Waste: A stockpile of crusher fines was observed on the south end of Phase 1 (see **Photo 3**).

Roads: Haul and access roads were observed being sprayed for dust control. Road side ditches were clean. Vehicle tracking controls appeared adequate in preventing mud from being tracked to the paved road.

Right of Entry: The Permittee owns the eastern/Phase 1 area and has an active lease with the BLM for Phase 2.

Reclamation Success: No new reclamation has been initiated since the previous inspection.

Revegetation: Mr. Toxvard stated they were waiting to later in the season to spray for weed control as recommended by the BLM. A small amount of cheat grass (downy brome) was observed, but not enough to cite a problem.

Sediment Control: No erosion significant problems were observed and no BMPs were needed at the time of the inspection.

Support Facilities On-site: A screen plant, crusher, loaders, and haul trucks were observed on site (see **Photo 4**).

Signs and Markers: The permit sign was properly posted (see **Photo 5**) and boundary markers were observed to delineate the affected area boundary (see **Photo 6**).

Permit Stipulations: The only open stipulation at the time of the inspection was the requirement to submit a bond re-evaluation prior to initiating mining in phase 3. The submittal of TR-10 complies with that requirement.

Storm Water MGT Plan: No oil or fuel spills observed. Stormwater is directed to sediment ponds on the north end of phase 1. These ponds were not observed to be retaining runoff at the time of the inspection. Observed culverts were open (see **Photo 7**).

Please contact Tim Cazier (303)866-3567 ext. 8169 or email at [tim.cazier@state.co.us](mailto:tim.cazier@state.co.us) if you have any questions regarding this report.

## PHOTOGRAPHS

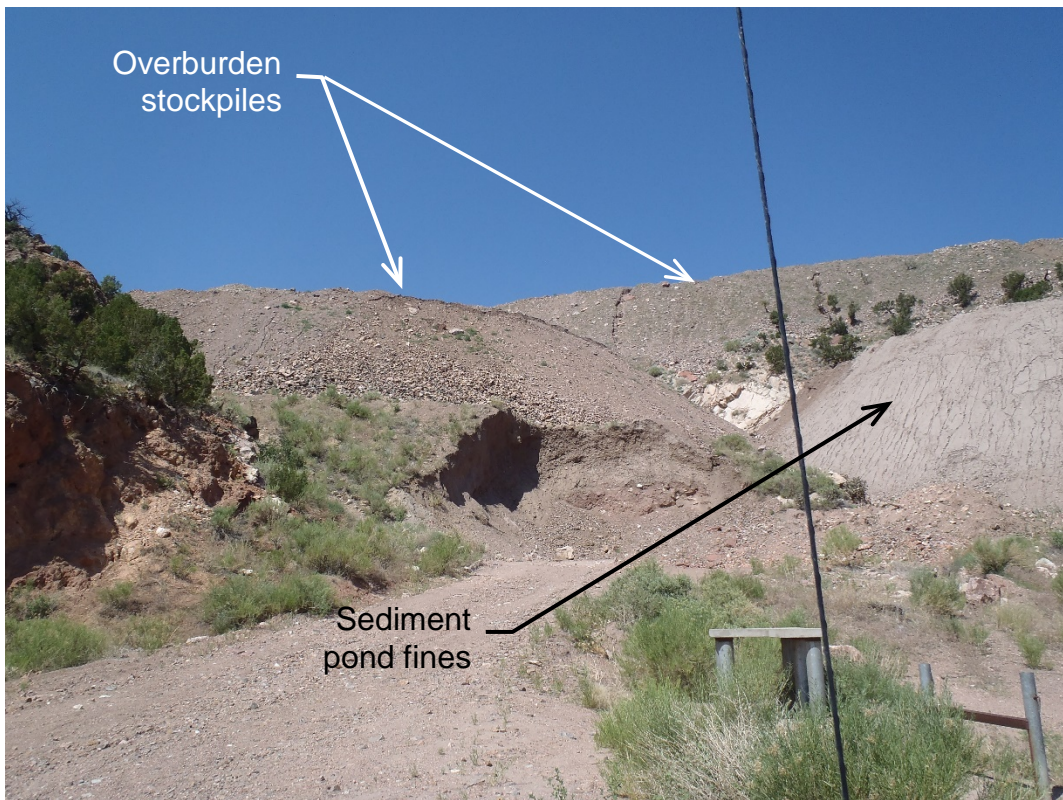


Photo 1. Overburden & sediment pond fines stockpiles (north end of phase 1, looking west).



**PHOTOGRAPHS (cont.)**



Photo 2. Phase 2 north end highwall (looking NNE).



Photo 3. Stockpile of crusher fines (looking south).



**PHOTOGRAPHS (cont.)**



Photo 4. Pit floor from the phase 2 north highwall (note screen plant, loader, haul trucks - looking south).



Photo 5. Permit sign at entrance off Tunnel Drive.



**PHOTOGRAPHS (cont.)**



Photo 6. Boundary markers on west side of phase 2.



Photo 7. Typical open culvert – no maintenance required.

**Inspection Contact Address**

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ec: DRMS file  
Stephanie Carter, BLM  
Randy DiLuzio, T.H.E.