




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: Tezak No 2 Pit	MINE/PROSPECTING ID#: M-1981-080	MINERAL: Sand and gravel	COUNTY: Fremont
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy Cazier, P.E.	INSP. DATE: June 16, 2021	INSP. TIME: 10:15
OPERATOR: Tezak Stone & Aggregate Supply, Inc.	OPERATOR REPRESENTATIVE: Nathan Tezak	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$55,535.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 2, 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>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</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 Stone & Aggregate Supply) was represented by Mr. Nathan Tezak during the inspection. The Tezak No 2 Pit is accessed from US Hwy 50 approximately 30 miles west of Cañon City. This is a 112c sand and gravel mine. It was not operating at the time of the inspection, however there were signs of recent activity.

Availability of Records: Annual fees are paid through May 2021. The previous inspection was on March 28, 2018. The approved post-mine land use is rangeland. There are no open infractions. Both the surface and minerals are privately owned.

Acid And Toxic Materials: No acid or toxic materials are involved in this operation.

Backfilling and Grading: Sufficient backfill material appeared to be available in the form of crusher fines stockpiled in the central area of the site, on the north side.

Excess Spoil and Dev. Waste: No overburden piles were observed, topsoil only.

Financial Warranty: The \$55,535 bond held by the DRMS was last updated in 2018 and included 19.8 acres of reseeded. As noted below, a concrete batch plant (*approved in 1988 under TR-01*) has been added since the last inspection. Based on batch plant pad dimensions, the demolition cost for the hopper and silo pads (see **Photo 1**) is about \$250 (see **Attachment A**). The current bond amount is considered adequate for the observed mine disturbance, but the DRMS will include the pad demolition in the next full reclamation cost update.

Fish and Wildlife: No impact to wildlife was observed.

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 19.8 acres. Google Earth was used to measure the disturbed area, which was estimated to be approximately 12.5 acres, based on 2019 imagery (*note: this 12.5 acres does not include the area between the north-south access road to the pit [west of CR 37] and the shop [at the top of the hill, outside the permit area]. Mr. Tezak indicated this material was stockpiled very early in the mine history and may or may not be used for reclamation*). Highwalls were estimated to vary between 12 and 15 feet in height and were near vertical (see **Photo 2**). As the crest of the highwall is part of a visual berm for traffic on Hwy 50 (see **Photo 3**), any sloughing would reduce the height of the visual berm and is very unlikely to have offsite impact.

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

Processing Waste: A large stockpile of crusher fines was observed on the north side and a smaller fines stockpile was observed in the active pit (see **Photo 4**).

Roads: Haul and access roads did not appear to be a source of sediment that could be tracked offsite. Road side ditches were clean.

Right of Entry: The site is owned by the permittee, Mike Tezak.

Reclamation Success: The site is for the most part either being actively mined, used for processing or stockpiling materials. As such, no active reclamation has been initiated.

Revegetation: No noxious weeds were observed.

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

Support Facilities On-site: A drill, an excavator and the aforementioned concrete batch plant (see **Photo 5**) were observed on site.

Signs and Markers: The permit sign was properly posted (see **Photo 6**). As the conversion to a 112 permit to include the 111 permit (M-2017-016) was approved, the 111 permit sign at the entrance should be removed. Boundary markers were observed to delineate the affected area boundary (see **Photo 7**).

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed. Mr. Tezak had a copy of the stormwater management plan with him. Stormwater drains to one of the two sediment ponds (see **Photos 8 and 9**) and typically infiltrates, unless the capacity is exceeded. No maintenance appeared necessary for either pond.

Topsoil: Topsoil is stockpiled in two locations, both on the south side of the pit: one near the center (see **Photo 10**); and the other in the southwest corner (see **Photo 11**). The topsoil horizon can be seen in **Photo 2**.

Structures: Structures within 200 feet of the affected area include: the CenturyTel phone/cable, US Hwy 50 (both on the north side) and the BLM fence (west end). All have structures agreements from the 2018 conversion.

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

PHOTOGRAPHS



Photo 1. Concrete batch plant silo & hopper pads (looking south).



Photo 2. Active highwall, opposite Hwy 50 visual berm (looking NE; note topsoil layer).

PHOTOGRAPHS (cont.)



Photo 3. Visual berm opposite active highwall from Hwy 50 (Google Maps street view, 2018 image).



Photo 4. Active pit with smaller fines stockpile (looking east).

PHOTOGRAPHS (cont.)



Photo 5. Portable batch plant (near truck scales, looking south).



111 Permit sign (M-2017-016) should be removed

Photo 6. Permit sign at CR 37 entrance.

PHOTOGRAPHS (cont.)



Photo 7. Typical affected area boundary marker (NE corner, looking north).



Photo 8. Main sediment pond (adjacent to CR 37, looking north) .

PHOTOGRAPHS (cont.)



Photo 9. Southeast sediment pond (near batch plant, looking NW).



Photo 10. Topsoil stockpile (south side, looking SE).

PHOTOGRAPHS (cont.)



Photo 11. Topsoil stockpile (SW corner, looking west).

Inspection Contact Address

Nathan Tezak
Tezak Stone & Aggregate Supply, Inc.
6200 CR 37
Texas Creek, CO 81223

Enclosure: Attachment A – Demolition Work (cost estimate)

ec: DRMS file
Nathan Tezak
Mike Tezak

ATTACHMENT A

DEMOLITION WORK

Task description: Demo Concrete Batch Plant Foundation

Site: Tezak No 2 Pit Permit Action: 2021 Insp Permit/Job#: M1981080

PROJECT IDENTIFICATION

Task #: 011 State: Colorado Abbreviation: None
Date: 6/30/2021 County: Fremont Filename: M080-011
User: TC1

Agency or organization name: DRMS

UNIT COSTS

Location adjustment: 88.00 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
12'x14'x6" pad under silo	84 cf	Demo. and on-site disposal in existing pit, 6 in. thick - Max. 200 ft. push	168.00	SF	\$0.85	\$142.97
9'x18'x6" pad under hopper	81 cf	Demo. and on-site disposal in existing pit, 6 in. thick - Max. 200 ft. push	162.00	SF	\$0.85	\$137.86

Job Hours: 0.00

Subtotal
(unadjusted): \$280.83

Total Cost
(adjusted for location): \$247.13