



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: Tallahassee Pit	MINE/PROSPECTING ID#: M-1999-003	MINERAL: Sand and gravel	COUNTY: Fremont
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy Cazier	INSP. DATE: November 8, 2019	INSP. TIME: 08:20
OPERATOR: Seifert Construction dba Seifert Enterprises, LLC	OPERATOR REPRESENTATIVE: Kent Beach	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$34,685.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 14, 2020

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: Signs & Markers

PROBLEM/POSSIBLE VIOLATION: Problem: The in place boundary markers do not coincide with those of the proposed permit boundary in the approved permit.

CORRECTIVE ACTIONS: Submit a technical revision (along with the required \$216 fee) with a map clarifying the permit boundary not to exceed 9.9 acres, including the access road.

CORRECTIVE ACTION DUE DATE: 3/16/20

OBSERVATIONS

This inspection was conducted by Tim Cazier (DRMS) as part of the regular monitoring program. The Permittee (Seifert Construction) was represented by Mr. Kent Beach during the inspection. The Tallahassee Pit is accessed from Fremont Co Rd 2 and is located approximately 2.3 miles off Hwy 9. This is a 110c sand and gravel mine. It was not operating at the time of the inspection.

Availability of Records: Annual fees are paid through April 2019. The previous inspection was on September 15, 2015. The approved post-mine land use is residential. There were no open infractions prior to the inspection. Both the surface and minerals are privately owned.

Excess Spoil and Dev. Waste: An overburden pile with higher clay content was observed (see **Photo 1**).

Explosives: Mr. Beach stated they do blast occasionally. Their most recent blasting (approximately two years ago) was performed by BlackWing Blasting.

Financial Warranty: The \$34,685 bond held by the Division is adequate for the observed mine disturbance of a little more than six and a half acres. It is insufficient for the full proposed disturbance of 9.9 acres. A 2019 DRMS update indicates a \$37,104 bond would be required for the full 9.9 acres of disturbance.

Fish and Wildlife: No impact to wildlife was observed.

Hydrologic Balance: A small amount of snowmelt was observed in the pit (see **Photo 2**). No exposed groundwater was observed.

Gen. Compliance with Mine Plan: The extraction of material appeared to be in compliance with the approved mine plan. Overburden was stockpiled to the north end of the pit (see **Photo 3**). The maximum allowed disturbed area is 9.9 acres. Google Earth was used to measure the disturbed area, which was estimated to be approximately 6.65 acres, based on 2016 imagery. The highwall height varied with the height of the ridge being mined, but was estimated not to exceed 25 feet appeared stable (see **Photo 4**). Evidence of stockpiled material removal and a front-end loader were observed.

Off-site Damage: The operation appeared to be confined to the permit boundary, based on Google Earth review and site observations. However, there are potential boundary adjustments needed (see discussion below under Signs and Markers).

Processing Waste: No processing waste was observed.

Roads: Haul and access roads did not appear to be a source of sediment that could be tracked offsite. Road side ditches free of sediment, but the south side could benefit from mowing (see **Photo 5**).

Reclamation Success: No reclamation has been initiated.

Revegetation: No revegetation has been initiated. Some Common Mullein was observed (see **Photo 6**). This is a noxious weed List C species, so it was not cited as a problem. However, [the Operator should implement a weed control program to reduce the number of mullein plants on site.](#)

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

Support Facilities On-site: A truck scale was observed on site (see **Photo 7**).

Signs and Markers: The permit sign was properly posted (see **Photo 7**) and the majority of the permit boundary was marked with T-posts or fencing (see **Photo 8**). Two segments of the boundary were either missing markers or they could not be found: 1) no markers or fencing were observed on the southwest side where the pit floor is above the adjacent county road, CR2 (see **Photos 9**); and 2) no markers were found on the northwest boundary, which is obscured by trees (see **Photos 10**). Mr. Beach indicated they would not likely mine the west end as the topography steepens significantly and the permit boundary narrows, thereby not leaving much room for either mining or reclamation. A T-post was located on the south side of CR2 on what appeared to be an old road grade (see **Photo 11**), which could be the southwest corner of the permit boundary. The approved permit boundary map shows the permit area being on the north side of CR2, but it appears the road alignment was shifted north at some time. Mr. Beach could not say whether the road was moved before or after the permit was approved by the DRMS in 1999, but a comparison of Google Earth images and the USGS quad map used to delineate the permit boundary clearly shows the change in alignment of CR2 (see attached **Post Inspection Map**). As referenced above under "Off-site Damage", the observed boundary markers do not coincide with the permit boundary map approved during the original application review process in 1999. **The discrepancy in the permit boundary between that marked in the field and that in the 1999 application is cited as a Problem on page 1 of this report.**

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed. Stormwater drains to the pit and infiltrates.

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. Overburden stockpile north of pit floor (looking north).



Photo 2. Small ponded area of snowmelt on pit floor (looking north).

PHOTOGRAPHS (cont.)



Photo 3. Pit floor and overburden stockpile (left center) from top of highwall (looking SE).



Photo 4. Pit highwall (looking NW from pit floor).

PHOTOGRAPHS (cont.)



Photo 5. Access/haul road with ditches on both sides (looking NW – mowing recommended).



Photo 6. Common Mullein south of highwall.

PHOTOGRAPHS (cont.)



Photo 7. Required permit sign (near entrance, note loader & truck scale in left background).



Photo 8. Typical permit boundary T-post, BLM fence on the right (NE corner, looking west).

PHOTOGRAPHS (cont.)



Photo 9. Typical permit boundary T-post (SE corner, looking NW).



Photo 10. BLM fence line (above highwall, looking west).

PHOTOGRAPHS (cont.)



Photo 11. T-post on old CR2 alignment, mine on other side of CR2 (SW corner, looking east).

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>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>N</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>PB</u>	(SP) STORM WATER MGT PLAN---- <u>NA</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>NA</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

Inspection Contact Address

Kent Beach
Seifert Construction dba Seifert Enterprises, LLC
198 Range View Loop
Westcliffe, CO 81252

Enclosure

ec: DRMS file
Shawn Wise, Seifert

M-1999-003 2019 Post Inspection Map

Satellite Imagery from 6/15/2016

GPS data collected 11/8/2019 using a Trimble Juno 3B instrument

USGS contour map with original permit boundary fit to Google Earth using CR2 and Fremont County Monument Records

