




**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> Schoolfield Pit	<b>MINE/PROSPECTING ID#:</b> M-1993-027	<b>MINERAL:</b> Gravel	<b>COUNTY:</b> Custer
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Timothy Cazier	<b>INSP. DATE:</b> June 19, 2019	<b>INSP. TIME:</b> 09:50
<b>OPERATOR:</b> Seifert Construction dba Seifert Enterprises, LLC	<b>OPERATOR REPRESENTATIVE:</b> Kent Beach	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Partial Bond	<b>BOND AMOUNT:</b> \$25,000.00	
<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> March 4, 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 No. 1: 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.

**CORRECTIVE ACTION DUE DATE:** 5/04/20

**INSPECTION TOPIC:** Signs & Markers

**PROBLEM/POSSIBLE VIOLATION:** Problem No. 2: The permit number and operator name required to be on the mine identification sign posted at the entrance of the mine site have faded to the point they cannot be read. This is a problem for failure to post a mine identification sign as required by Section 3.1.12(1) of the rule.

**CORRECTIVE ACTIONS:** The operator shall, at the entrance of the mine site, post a sign which shall be clearly visible from the access road with the following: the name of the operator, a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board; and the permit number. The operator shall submit photo documentation that a proper sign has been posted by the corrective action date.

**CORRECTIVE ACTION DUE DATE:** 5/04/20

## **OBSERVATIONS**

This inspection was conducted by Tim Cazier (DRMS) as part of the regular monitoring program. The Permittee (Seifert Construction dba Seifert Enterprises, LLC) was represented by Mr. Kent Beach during the inspection. The Schoolfield Pit is accessed from Rosita Road (Co Rd 328) and is located approximately 4.7 miles southeast of Westcliffe off Hwy 69. This is a 110c gravel mine. It was not operating at the time of the inspection.

Availability of Records: Annual fees are paid through October 2019. The previous inspection was on December 2, 2014. 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. The approval of TR-01 allows this site to operate under intermittent status; that is it must operate annually, but does not need to operate more than 180 days per year.

Backfilling and Grading: Sufficient backfill material appeared to be available for push-down approach at the active highwall.

Excess Spoil and Dev. Waste: No significant overburden piles were observed. A debris stockpile was observed in the southeast corner of the pit (see **Photo 1**).

Financial Warranty: The \$25,000 bond held by the DRMS was last updated in 2015 and included five acres of reseeding. This amount is adequate for the observed mine disturbance.

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 9.9 acres. Google Earth was used to measure the disturbed area, which was estimated to be approximately 5.3 acres (including the access road), based on 2016 imagery. Highwalls were estimated to be 12 feet in height, 150 to 200 feet long, and appeared stable (see **Photo 2**). The mine operation is planned to expand to the west according to Mr. Beach.

Off-site Damage: The operation appeared to be confined to the permit boundary as marked on the ground. However, as shown on the enclosed Post Inspection Map, the boundary markers are inconsistent with the approved permit boundary map (see enclosed **Post Inspection Map**). **The inconsistent permit boundary is cited as a Problem No. 1 on page 1 of this report.**

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. The road side ditch entering the pit showed some minor signs of erosion (see **Photo 3**). As this ditch drains to the pit, the observed erosion is not likely to have off-site impacts.

Reclamation Success: No 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: No support facilities were observed on site.

Signs and Markers: The permit sign was properly posted (see **Photo 4**), but the permit ID number (M-1993-027) and name of Operator had faded. **The missing permit number and operator name are cited as Problem No. 5 on page 1 of this report.** The east boundary is marked with a four-strand barbed wire fence (see **Photo 5**). Marker locations were recorded with a Trimble Juno 3B hand-held GPS (see enclosed **Post Inspection Map**).

Permit Stipulations: There are no permit stipulations.

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

Topsoil: A topsoil stockpile was observed in the northeast corner of the pit (see **Photo 6**).

Structures: The only structure observed was the east side property fence.

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. Pit floor with stockpile consisting of broken concrete and woody debris (looking NW from SE corner).



**PHOTOGRAPHS (cont.)**



Photo 2. Highwall on west side of pit (looking SW).



Photo 3. Access road entering pit (looking SW, note minor erosion feature draining to pit floor).



**PHOTOGRAPHS (cont.)**



Photo 4. Permit sign near pit entrance (looking SSE, note operator & permit number are unreadable).



Photo 5. East boundary marked with four-strand barbed wire fence (looking north along access road).



**PHOTOGRAPHS (cont.)**



Photo 6. Topsoil stockpile observed in the northeast corner (looking south along east boundary fence).

**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>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>2PB</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: Eric Scott, DRMS  
DRMS file





# M-1993-027 Schoolfield Pit 2019 Post-Inspection Map


Satellite Imagery from 10/25/2016  
GPS data collected 6/19/2019 with a Trimble Juno 3B


Legend


 M-93-027 Permit Boundary


 M-93-27 Affected Area (5.4 Ac)

 M-93-27 Entrance

 M-93-27 GPS Permit Boundary

 M-93-27 GPS Permit Corner

 M-93-27 Property Corner

 Schoolfield Pit

