


**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: Reyher Trusts Pit	MINE/PROSPECTING ID#: M-2004-057	MINERAL: Sand and gravel	COUNTY: Bent
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy Eschberger	INSP. DATE: March 7, 2019	INSP. TIME: 14:45
OPERATOR: Bent County	OPERATOR REPRESENTATIVE: Curtis Sniff, Kevin Vanegmond	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 22, 2019	

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>NA</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>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</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>Y</u>	(SP) STORM WATER MGT PLAN---- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This was a normal monitoring inspection of the Reyher Trusts Pit (Permit No. M-2004-057) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division). The operator, Bent County was represented by Curtis Sniff and Kevin Vanegmond during the inspection. The site is located approximately 1.5 miles northwest of McClave, Colorado in Bent County. Access to the site is from the north off of Co Rd Mm.

Photos 1-6 taken during the inspection are included with this report.

This is a 112c operation permitted for 37.90 acres to mine sand and gravel for use in construction and maintenance of county roads (see enclosed Google Earth image of site). Mining commenced in the southeastern portion of the permit area and will continue generally northward. The haul road off Co Rd Mm which runs north-south across the middle of the permit area will be mined through by this operation. Mined material will be directly hauled off site for use or temporarily stored in the excavation area until needed. Material processing will occur on site as needed. The maximum mining depth will be approximately 14 feet. No overburden or waste rock is anticipated for the operation. Very little topsoil is available at the site, as the gravel deposit is exposed at the surface in some areas. Any salvaged topsoil will be stored near the edges of the permit area to keep from re-disturbing it during operations. Previous mining disturbance exists directly south of the permit area which will not be re-disturbed by the operation. If the operation does intend to move into this area, an amendment application would need to be submitted to include this area in the permitted acreage.

The approved post-mining land use for the site is rangeland. For reclamation, mined slopes will be graded to 3H:1V or flatter, disturbed land will be retopsoiled at a minimum depth of 5 inches, and the site will be seeded with a native grass mixture recommended by the Soil Conservation Service. If there is not enough salvageable topsoil on site for reclamation, additional topsoil will be imported to the site. The north-south haul road which will be mined through during operations will be reconstructed on the pit floor for reclamation.

The site was not active during the inspection and no equipment was stored on site. The operation was approved for intermittent status in 2013 to operate for less than 180 days per year. According to the operator, recent activities have primarily included hauling off from stockpiled material. A permit sign was posted at the main site entrance off Co Rd Mm. The corners of the permit boundary were marked with tires. A circular-shaped pit approximately 7 acres in size is located in the southeastern portion of the permit area, east of the haul road. The pit is approximately 12-14 feet deep, shallower at the eastern edge. Pit walls have been graded to flatter than 3H:1V until excavation recommences. No erosion issues were observed. Two large material stockpiles were stored on the pit floor. The operation will continue expanding the pit northward and westward. An electric cattle fence was installed along the western edge of the haul road to keep livestock from entering the excavation area.

Salvaged topsoil was stored at the southwestern edge of the permit area, west of the haul road. This large topsoil stockpile was stable with grass cover. Due to the proximity of the topsoil stockpile to the southwestern permit boundaries (~50 feet from the southern boundary and ~75 feet from the western boundary), the operator should be careful when accessing/loading this stockpile so as not to disturb land outside the approved permit boundary.

While some snow remained on the ground from a recent storm event, no standing water was observed on site during the inspection. The operation appears to be following the approved mining and reclamation plans. No problems were observed.

This concludes the report.

PHOTOGRAPHS



Photo 1. View looking southwest across western pit slope, graded flatter than 3H:1V. Note material stockpile stored on pit floor (indicated with arrow in background).



Photo 2. View looking south across pit from its northern edge, showing large sand stockpile stored on pit floor.



Photo 3. View looking east across northern pit slope, graded flatter than 3H:1V.



Photo 4. View looking west at large topsoil stockpile stored at southwestern edge of permit area, west of haul road.



Photo 5. View looking north across undisturbed western half of permit area, west of haul road.



Photo 6. View looking northeast, showing haul road that runs north-south through permit area which will be mined through then reconstructed on pit floor for reclamation. Large sand stockpile on pit floor visible at far right edge of photo.

Inspection Contact Address

Calvin Feik
Bent County
P.O. Box 350
Las Animas, CO 81054

Encl: Google Earth image of site

CC: Michael Cunningham, DRMS

M-2004-057 / Reyher Trusts Pit / Bent County

Red Outline = 37.90 acres = Approved Permit Area (approximate location based on approved mining plan map)
(Image data from 10/11/2015)

