




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: Skold Pit	MINE/PROSPECTING ID#: M-1998-032	MINERAL: Gravel	COUNTY: Sedgwick
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott R. Russell	INSP. DATE: March 20, 2019	INSP. TIME: 10:45
OPERATOR: Sedgwick County	OPERATOR REPRESENTATIVE: Rick Furrow	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: NA	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 29, 2019	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected. 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>N</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</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>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</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 / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

PROBLEMS/POSSIBLE VIOLATIONS

None observed during the inspection.

OBSERVATIONS

This inspection was conducted as part of the Division's routine monitoring program for permitted operations. Elliott Russell, with the Division, conducted the inspection while Rick Furrow, representing the Operator, accompanied the inspection.

The Skold Pit is a Construction Material Limited 110c Operation Reclamation Permit and is approved to affect 9.9 acres of land. Affected lands will be reclaimed to support rangeland post-mining land use. The site is located approximately 18 miles southwest of Julesburg, Colorado.

The Division met Rick Furrow at the mine site entrance on the located a half of a mile west of County Road 23, on the north side of County Road 4. The site was not active at the time of the inspection and there was no equipment on the site, however, the Division observed evidence of recent activity. The Operator was reminded that mining related activity (excavation, processing, or hauling) must occur at least once per year to remain in compliance with the Rules and Regulations.

Availability Of Records: The anniversary date of the permit is May 27th of each year. The 2017-2018 Annual Report, Map and Fee was submitted and accepted on May 11, 2018. The previous inspection was on April 16, 2015. There are no open infractions.

Hydrologic Balance: Some standing water was observed in the pit. This was likely due to snow melt from a recent large snowstorm. If the standing water remains this spring/summer, the site has probably encountered a hard pan or clay layer at the pit floor which prevents the infiltration of storm water. The Division has observed some success in mitigating standing water at similar Eastern Colorado sites with the construction of a storm water sump on the pit floor. The Operator may want to utilize a backhoe or excavator to create a deep sump which could potentially cut through the hard pan or clay layer on the pit floor. If the storm water sump is successful in allowing water to infiltrate, backfilling the sump with gravel will allow a long term solution to the standing water issue. The Operator may also want to construct a small berm around the crest of the pit area to prevent off-site storm water from flowing into the pit.

Gen. Compliance With Mine Plan: The operation appeared to be in compliance with the approved mine plan.

Sediment Control: No erosion problems were observed and no BMPs are needed at this time.

Signs and Markers: The permit sign was properly posted and boundary markers (concrete blocks) were observed to delineate the permit boundary.

Topsoil: The approved reclamation plans requires the Operator to salvage and replace 4-6 inches of topsoil. It appears the site has an appropriate amount of topsoil stockpile to complete reclamation.

This concludes the Division's Inspection Report; a subset of photographs taken during the time of the inspection are included below. If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at **303-866-3567 x8132**, or by email at elliott.russell@state.co.us.

PHOTOGRAPHS



Photo 1. Mine identification sign; looking north.



Photo 2. Pit overview; looking south.



Photo 3. Northern area of the pit; looking west.



Photo 4. Pit overview; looking north.



Photo 5. Southern area of the pit; looking west.

Inspection Contact Address

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Sedgwick County
223 S Cedar
Julesburg, CO 80737

CC: Michael Cunningham with DRMS