




COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
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: April 16, 2015	INSP. TIME: 09:45
OPERATOR: Sedgwick County	OPERATOR REPRESENTATIVE: Randy Renquist	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: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 1, 2015

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.

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected

(AR) RECORDS----- PB	(FN) FINANCIAL WARRANTY----- NA	(RD) ROADS----- Y
(HB) HYDROLOGIC BALANCE----- Y	(BG) BACKFILL & GRADING----- Y	(EX) EXPLOSIVES----- NA
(PW) PROCESSING WASTE/TAILING---- NA	(SF) PROCESSING FACILITIES----- NA	(TS) TOPSOIL----- Y
(MP) GENL MINE PLAN COMPLIANCE- Y	(FW) FISH & WILDLIFE----- Y	(RV) REVEGETATION---- Y
(SM) SIGNS AND MARKERS----- PB	(SP) STORM WATER MGT PLAN---- NA	(SB) COMPLETE INSP---- Y
(ES) OVERBURDEN/DEV. WASTE----- NA	(SC) EROSION/SEDIMENTATION--- Y	(RS) RECL PLAN/COMP-- Y
(AT) ACID OR TOXIC MATERIALS----- PB	(OD) OFF-SITE DAMAGE----- NA	(ST) STIPULATIONS----- NA

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / **PB = Problem cited** / PV = Possible violation cited

INSPECTION TOPIC: Signs & Markers

PROBLEM/POSSIBLE VIOLATION: Problem: The affected area boundary markers are missing or incorrectly placed. This is a problem for failure to maintain boundary markers around the affected area as required by Rule 3.1.12(2).

CORRECTIVE ACTIONS: The operator shall conduct a survey and replace the boundary markers in the correct location(s). The operator shall provide the boundary marker coordinates and photographic proof to the Division that this has been done by the corrective action date.

CORRECTIVE ACTION DUE DATE: 7/31/15

INSPECTION TOPIC: Acid And Toxic Materials

PROBLEM/POSSIBLE VIOLATION: Problem: Improper storage and containment of fuels and/or other hazardous materials was present on site.

CORRECTIVE ACTIONS: All storage tanks, petroleum and any hazardous materials on site for any period of time shall have appropriate secondary containment. The site will also have to comply with all applicable SPCC requirements. Please supply photo documentation that any fuel or hazardous materials containers are stored properly - including applicable secondary containment structures by the corrective action date. Note that secondary containment structures shall consist of an impermeable containment which could contain all contents of the tanks and various containers (when full) plus 10% of the total capacity. The operator may also provide photo documentation that all containers have been removed from the site on or before the corrective action date.

CORRECTIVE ACTION DUE DATE: 8/30/15

INSPECTION TOPIC: Availability Of Records

PROBLEM/POSSIBLE VIOLATION: Problem: There are structures within 200' of the permit boundary which do not have structure agreements within the approved permit. This is a failure to comply with section 6.4.19 of the Rule.

CORRECTIVE ACTIONS: The Operator shall submit a notarized agreement between the Operator and the persons having interest in the oil/gas facility, which the Operator is to provide compensation for any damage to the structure; or submit other documentation in accordance with Rule 6.3.12.

CORRECTIVE ACTION DUE DATE: 8/30/15

OBSERVATIONS

The Division of Reclamation, Mining and Safety (Division/DRMS) conducted an inspection of the Skold Pit (Permit File No. M-1998-032), a Construction Material Limited Impact 110c Operation Reclamation Permit with 9.9 permitted acres and an approved post mining land use of Rangeland. The mine is located approximately 18 miles southwest of Julesburg, Colorado. Elliott Russell, with the Division, inspected the site. Randy Renquist, with Sedgwick County, represented the Operator and accompanied the inspection. This inspection was carried out as a part of the Division's normal monitoring program.

At 0945 hours, the Division and Mr. Renquist arrived at the mine site, located a half of a mile west of County Road 23, on the north side of County Road 4. At the time of the inspection the temperature was cold, the sky was overcast, and the ground was damp. The mine site identification sign was observed at the entrance to the site and was in compliance with Rule 3.1.12(1). The two permit boundary markers along the western boundary were missing and the two along the east boundary were knocked down. This has been cited as a problem requiring corrective action; please see page 2 of this report for further detail on this problem. The site appeared to have been recently active as there was evidence of mining activities within the pit area. Besides a light duty pickup truck, there was no other mining equipment observed on-site.

The site consists of a single excavated area approximately 5 acres in size. Topsoil has been stripped from the site and piled in three different locations: two active stockpiles near the southeast and southwest crests of the pit and an older, fully vegetated pile along the northern boundary. The active mining face, a highwall approximately 20 feet tall, was located in the southern portion of the permit. The western side of the pit had been sloped and appeared to be stable and showed adequate vegetative cover. The Division suggests the Operator verify the slope ratio of this partially reclaimed slope; the approved reclamation slope is 4H:1V. If the slope is steeper than this, the Operator may want to submit a Technical Revision to the Reclamation Plan to revise this slope since vegetation has been established and no erosion is present.

The Division observed a fuel tank on-site, located near the northeast corner of the pit. There was no secondary containment structure around this tank and it was unknown if it was a double-walled tank. This has been cited as a problem requiring corrective action, please see page 2 of this report for more information.

The Division also observed a new oil/gas facility between the pit excavation and the northern permit boundary (the vegetated topsoil stockpile is located just to the north of this facility). The facility consists of shed, pipeline, and a small excavated overflow pit. After reviewing the permit documents, the Division was unable to locate any associated structure agreements regarding this facility, most likely because the facility appears to have been installed within the last couple of years. This has been cited as a problem requiring corrective action; please see page 2 of this report for further detail on this problem. Rule 6.3.12 states:

When mining operations will adversely affect the stability of any significant, valuable and permanent man-made structure located within 200 feet of the affected area, the applicant may either:

- (a) Provide a notarized agreement between the applicant and the person(s) having an interest in the structure, that the applicant is to provide compensation for any damage to the structure; or*
- (b) Where such an agreement cannot be reached, the applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or*
- (c) Where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility.*

The Reclamation Plan and maps have been attached for the Operator's reference

PHOTOGRAPHS



Site identification sign posted at the site entrance; looking north.



Pit overview; looking south.



Topsoil stockpiled southeast of the pit; looking north.



Fuel tank located northeast of the pit; looking south.



Oil and gas facility just north of the pit, a portion of the northern topsoil pile is circled in red; looking west.

Inspection Contact Address

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223 South Cedar
Julesburg, CO 80737

Enclosure

CC: Wally Erickson; DRMS