



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: SM-18 Mine	MINE/PROSPECTING ID#: M-1978-116	MINERAL: Uranium and vanadium	COUNTY: Montrose
INSPECTION TYPE: Monitoring	INSPECTOR(S): Dustin M. Czapla	INSP. DATE: September 12, 2019	INSP. TIME: 11:00
OPERATOR: Cotter Corporation	OPERATOR REPRESENTATIVE: Scott Pottorfs	TYPE OF OPERATION: 112d-1 - Designated Mining Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$100.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 26, 2019

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: Subsidence

PROBLEM/POSSIBLE VIOLATION: Problem: Subsidence has occurred at the portal area on the north side of Spring Camp Mesa.

CORRECTIVE ACTIONS: Backfill and regrade the portal area to safeguard and blend with the surrounding topography.

CORRECTIVE ACTION DUE DATE: 11/01/19

OBSERVATIONS

This inspection was conducted as part of the Division of Reclamation, Mining and Safety's (Division) normal monitoring program. Representatives from D.O.E. and Cotter Corporation were present. Photographs are included with this report in order to illustrate some of the conditions observed.

The SM-18 Mine is located northeast of the Uravan town site and accessed from U17 Road. The site is a 112d operation that includes a total of 14.9 permitted acres.

Adequate mine identification signage was noted at the entrance to the site.

The south portion of the affected area consists of the Wright Portal, an operations area, sediment control structures, and ore and waste rock areas. The portal is secured with a locking gate. Conditions around the office trailer/operations area appear unchanged from the Division's last inspection. Sediment control features are maintained and appear to be functioning as designed. No problems related to erosion or sedimentation were noted.

The north portion of the affected area, on the north side of Spring Camp Mesa, consists of the old reclaimed portal and mine area. Subsidence has occurred at the portal area. The operator was instructed to backfill and regrade the subsidence area. A steel building is located in this area. The building appears in good repair. Vegetation is well established over the reclaimed waste rock pile.

No other problems or violations were noted during this inspection.

Responses to this inspection report should be directed to Dustin Czapla at the Division of Reclamation, Mining and Safety, 1313 Sherman Street Room 215, Denver, Colorado, 80203, phone number (303) 866-3567, ext. 8188.

PHOTOGRAPHS





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>N</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>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</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

Inspection Contact Address

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