



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: SM-18 Mine	MINE/PROSPECTING ID#: M-1978-116	MINERAL: Uranium and vanadium	COUNTY: Montrose
INSPECTION TYPE: Monitoring	INSPECTOR(S): Dustin Czapla, Russ Means	INSP. DATE: October 2, 2012	INSP. TIME: 09:00
OPERATOR: Cotter Corporation	OPERATOR REPRESENTATIVE: Glen Williams	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: October 12, 2012

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. Note: 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>N</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</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>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>N</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(SB) COMPLETE INSP---- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <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 inspection was conducted as part of the Division of Reclamation, Mining and Safety's (Division) normal monitoring program. Glen Williams, representing the Operator, was present during this inspection. 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-1 operation that includes a total of 14.9 permitted acres.

Notice of the AM2 application was noted near the site entrance.

According to the operator's annual reports, mining has not occurred at the site since the 2005-2006 report year.

The south portion of the affected area consists of the Wright Portal, an operations area, sediment control structures, and ore and waste pile areas. There is an office building, compressor building, and fuel storage located in this area. The fuel tank was empty during this inspection.

The north portion of the affected area, on the north side of Spring Creek Mesa, consists of the old reclaimed portal and mine area. Reclamation grading has been completed in this area and vegetation is becoming well established. A mine building is located in this area that is to remain as part of the approved reclamation plan. All reclaimed slopes in this area appeared stable.

No 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, Grand Junction Field Office, 101 South 3rd Street, Room 301, Grand Junction, Colorado 81501, phone number (970) 243-6299.

PHOTOGRAPHS



Figure 1: Wright Portal.



Figure 2: Operation area located above the Wright Portal. Office building in the foreground, compressor building in the distance.



Figure 3: View, facing southeast, toward the proposed ore stockpile area.



Figure 4: View, facing northwest, toward the waste dump area.



Figure 5: Waste dump area north of the ore stockpile area.



Figure 6: Reclaimed waste pile area on the north side of Spring Creek Mesa.



Figure 7: Reclaimed portal area on the north side of Spring Creek Mesa.



Figure 8: View from reclaimed waste pile area on the north side of Spring Creek Mesa, toward the existing mine building.

Inspection and Enforcement Contact

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