


**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: SR-13A Mine	MINE/PROSPECTING ID#: M-1977-311	MINERAL: Uranium and vanadium	COUNTY: San Miguel
INSPECTION TYPE: Monitoring	INSPECTOR(S): G. Russell Means	INSP. DATE: August 31, 2016	INSP. TIME: 12:00
OPERATOR: Cotter Corporation	OPERATOR REPRESENTATIVE: Jim Sheridan, DOE	TYPE OF OPERATION: 110d - Designated Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: IT.Bondcalculationtype.CD.Desc	BOND AMOUNT: \$100.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: U.S. Energy	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 7, 2016	

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>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>N</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>N</u>	(CI) COMPLETE INSP---- <u>Y</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>Y</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 is part of the normal inspection schedule for Designated Mining Operations by the Colorado Division of Reclamation, Mining, and Safety (Division). The inspection was a joint agency inspection with Department of Energy (DOE) and their contractor Navarro. The group was represented by: Russel Edge, Nicole Olin, Ed Cotter, Kyle Turley, and Brian Mangan. Jim Sheridan, Cotter's representative, accompanied the inspector on site as well.

The SR-13A is a fully reclaimed mine site. The mine identification sign is posted and affected area are easily distinguished and not considered an issue at this time.

The access road into the site is reclaimed across non-permitted, historic mining areas into the permitted area. No erosion or sedimentation issues are noted. Revegetation is primarily four winged salt bush, rabbit brush, and some native grasses.

The waste piles were sloped at 2:1 or better. The entire site has been pocked which has resulted in micro-environments for vegetation and is very good for sedimentation and erosion control. The slopes are noted as being very stable with some riling and gulying in a few spots that appear to be stable. Continued monitoring of the erosion features will occur and if necessary repairs will be done. No sediments from these areas are noted as leaving the site. Revegetation of the slopes is equal to or better than the surrounding area. Density and diversity of vegetation is very good. Four winged and rabbit brushes are doing very well with native grasses and minor shrubs like Winter Fat filling in.

Most of the access portals have been backfilled and are not identifiable. The lone exposed portal has a secured steel gate that meets Division specifications. A large boulder is being held in place by steel cable supports above the mine portal. DOE, DRMs, and Cotter discussed monitoring to ensure further degradation does not create an unsafe condition.

Responses to this inspection report should be directed to Russ Means at the Division of Reclamation, Mining and Safety, Grand Junction Field Office, 101 South 3rd Street, Room 301, Grand Junction, Colorado 81501, phone no. 970-241-1117.

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