




**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.

<b>MINE NAME:</b> SR-11 Mine	<b>MINE/PROSPECTING ID#:</b> M-1977-451	<b>MINERAL:</b> Uranium and vanadium	<b>COUNTY:</b> San Miguel
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Lucas J. West	<b>INSP. DATE:</b> September 13, 2017	<b>INSP. TIME:</b> 09:45
<b>OPERATOR:</b> Cotter Corporation	<b>OPERATOR REPRESENTATIVE:</b> DOE, Cotter Corporation	<b>TYPE OF OPERATION:</b> 112d-1 - Designated Mining Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$100.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> September 22, 2017	

**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>N</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>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>N</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</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 normal monitoring program for Designated Mining Operations, established by the Colorado Division of Reclamation, Mining and Safety. The SR-11 Mine is a 112d-1 operation that is currently in Temporary Cessation. The site is located southwest of Slick Rock County in San Miguel County, at the end of County Road 4q at nearly 7030 feet in Elevation. Public access to the site is controlled by a locked gate where the permit boundary meets the County Road. Representatives from the Department of Energy (DOE), their contractor Navarro, as well as Cotter Corporation were present during the inspection. The site was not active during the inspection as it lies on a DOE Lease Tract. The DOE Lease Tract Projects are currently under a court ordered stay preventing any activities other than site maintenance and emergency repairs. The financial warranty for the site is held by the DOE. XXX Photos accompany this report to illustrate the current site conditions.

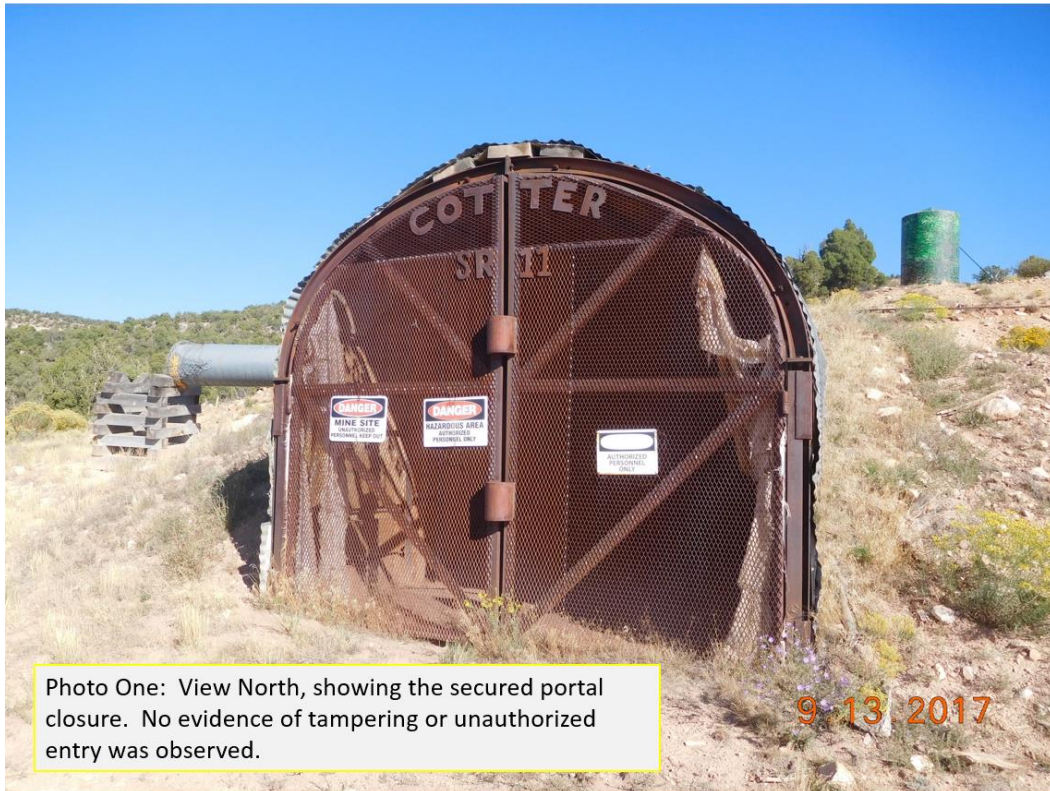
The proper mine identification signage was posted at the entrance to the site, and the permit boundaries are clearly marked. There was no equipment on site during the inspection. Due to the Court Action no activity has taken place on site since the previous inspection. This inspection was limited to the surface facilities. The portal has been secured by a locked gate shown in Photo One. The portal closure is in good condition and shows no signs of attempted unauthorized entry. Adjacent to the portal is an administrative office trailer which has also been secured. Photo Two shows the trailer, which is in good condition, the windows are all secured and the office remains vacant.

The portal pad and waste dump area consists of only development waste as the mine was never in production. The slopes of the waste dump are approximately at a 2H: 1V configuration and appear to be stable. The portal pad and waste dump can be seen in Photo Three. The slopes show minor signs of erosion but it has been stabilized by the vegetation and is in good condition. At the toe of the waste dump is the stripped area that has been prepped to expand the dump when the mine reactivates. A sediment ditch runs along the base of the waste dump conveying any storm water and sedimentation to the storm water collection basin. The basin and part of the collection ditch can be seen in Photo Four.

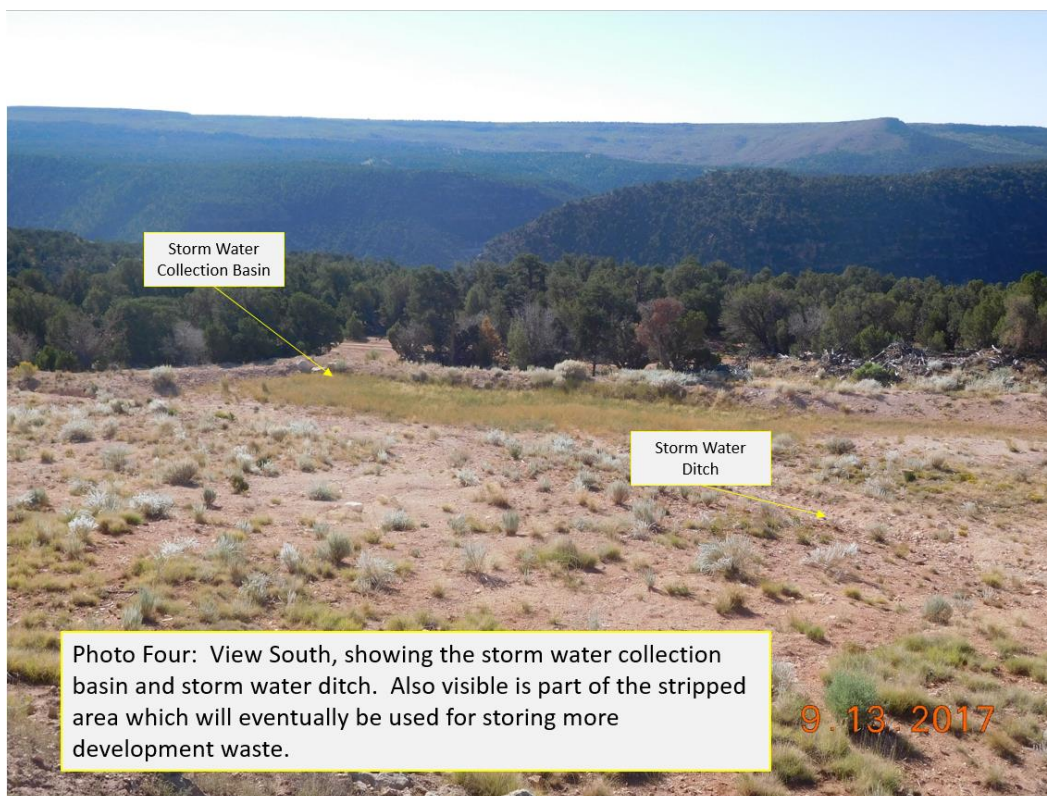
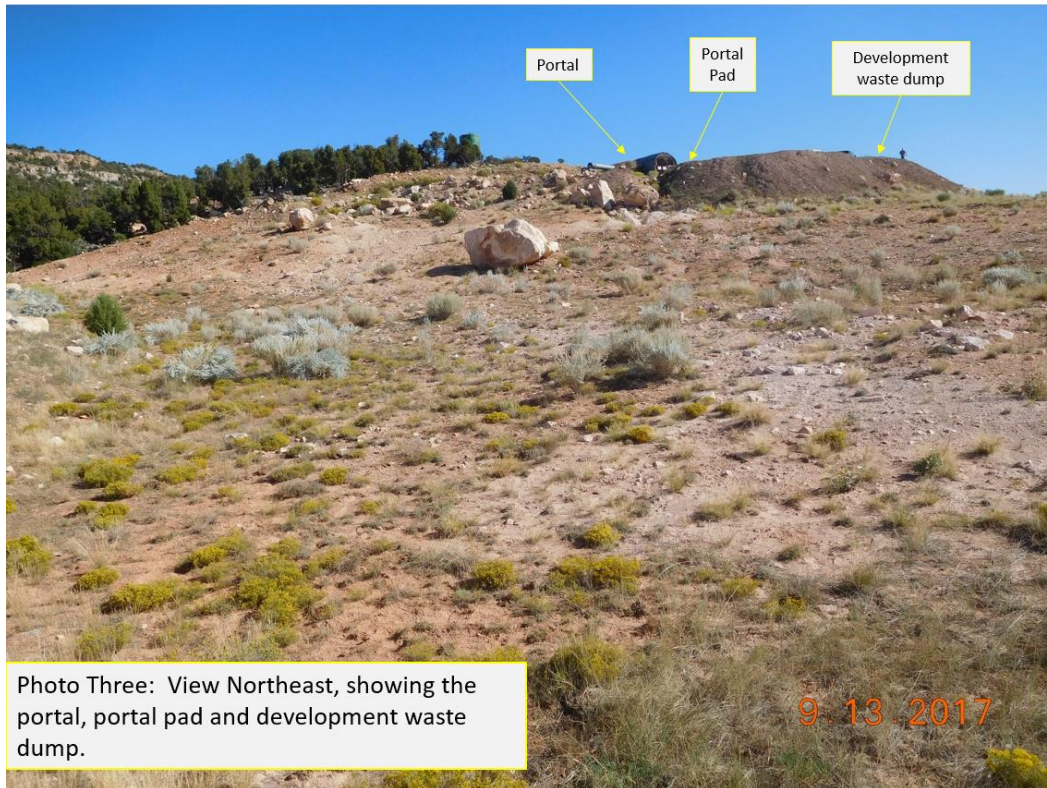
Throughout the site, the vegetation has become well established and self-sustaining. The vegetation can be seen in all of the photos included in this report. Evidence of chemical treatment of small populations of noxious weeds was observed during the inspection. Navarro, the contractor for the DOE conducts active weed management at all DOE Lease Tract Sites.

The overall footprint of the site is in good condition and free from trash and debris. The site is free draining and no significant signs of erosion were noted during the inspection. No problems or possible violations were observed. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at 1313 Sherman Street, Room 215, Denver, CO 80203, by phone at (970)-243-6368 or by email at [lucas.west@state.co.us](mailto:lucas.west@state.co.us).

## PHOTOGRAPHS







**Inspection Contact Address**

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Enclosure

CC: Russ Means, Senior Environmental Protection Specialist