




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: Whirlwind Mine	MINE/PROSPECTING ID#: M-2007-044	MINERAL: Uranium and vanadium	COUNTY: Mesa
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy Yeldell	INSP. DATE: October 20, 2020	INSP. TIME: 12:00
OPERATOR: Energy Fuels Resources (USA) Inc.	OPERATOR REPRESENTATIVE: None	TYPE OF OPERATION: 112d-1 - Designated Mining Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$375,078.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: DRMS	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 27, 2020	

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>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected / 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 Colorado Division of Reclamation, Mining and Safety (Division) normal monitoring program. The Whirlwind Mine is a 112d-1 underground Designated Mining Operation that includes a total of 31.9 permitted acres with a maximum disturbance of 22.6 acres. To date approximate 12 acres have been affected. The site located seven mile southeast of Gateway, Colorado. Amy Yeldell of the Division conducted the inspection. No representatives from the BLM or Energy Fuels Resources (USA) Inc. were present for the inspection but notifications were made prior to the inspection.

The site was inactive at the time of the inspection and remains in temporary cessation. This is the second continuous period of temporary cessation (TC-2). TC-2 began on September 19, 2017 and will end on September 19, 2022. In general site conditions appear to be unchanged as compared to the previous inspection.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The fenced off buildings and water treatment areas were locked. Without being able to access those areas they appeared to be in compliance. Ground water monitoring data remains up to date. The water treatment facility remain secured and dry.

Staff was able to inspect the portal area. The portal also remains locked and secured. All of the flat parking and pad areas have been mowed. The site was free of weeds. No erosion was observed and the site appears stable.

The Division currently holds a financial warranty amount of \$375,078 for this site.

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 303-8663576 Ext 8183 or via email at amy.yeldell@state.co.us

Inspection Contact Address

Enclosure

EC:

Travis Marshall, Senior EPS, Grand Junction DRMS

Eric Eckberg, BLM

PHOTOGRAPHS





