




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: Centennial and Indian Springs Uranium Project	MINE/PROSPECTING ID#: P-2007-015	MINERAL: Uranium	COUNTY: Weld
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: November 2, 2023	INSP. TIME: 10:00
OPERATOR: Powertech (USA) Inc.	OPERATOR REPRESENTATIVE: Lisa Scheinost	TYPE OF OPERATION: MP - Mineral Prospecting	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$97,400.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Hunter Ridley	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: November 30, 2023	

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: Gen. Compliance With Prospecting Plan

PROBLEM/POSSIBLE VIOLATION: Problem: The current well locations map needs to be updated and clarified pursuant to C.R.S. 34-32-113 (2)(d) and Rule 5.1.2(d)(v)(A) and (B). The operator must provide sufficient information to accurately describe and identify where all borehole and monitoring wells are located.

CORRECTIVE ACTIONS: The Operator must submit photographic evidence and narrative explaining how the missing wells were found by the corrective action due date. Additionally, the Operator shall submit a Modification, with the required \$86 revision fee, to update and clarify the current approved well locations map to reflect existing and proposed locations of all exploratory, monitoring, and observation wells by the corrective action date.

CORRECTIVE ACTION DUE DATE: 3/01/24

INSPECTION TOPIC: Gen. Compliance With Prospecting Plan

PROBLEM/POSSIBLE VIOLATION: Problem: Pursuant to Rule 5.3.1(g) timely reclamation of affected lands must occur upon completion of prospecting operations. Prospecting activities must be completed within five (5) years of the NOI approval unless otherwise approved by the Office or Board, and reclamation must be completed within five (5) years of the completion of prospecting activities. As of the date of this inspection, all required reclamation has been completed at the site.

CORRECTIVE ACTIONS: The Operator shall submit to the Division a Reclamation Report and request for reclamation responsibility release stating that reclamation is finished. This request must comply with the requirements specified under Rule 4.16.1

CORRECTIVE ACTION DUE DATE: 3/01/24

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>N</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>N</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>PB</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>N</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 / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

The Centennial and Indian Springs Uranium Projects Notice of Intent (NOI) was inspected by Hunter Ridley with the Division of Reclamation, Mining and Safety (Division) as part of the Division's monitoring inspection program. Lisa Scheinost with Powertech (USA) Inc. was present during the inspection. This inspection is considered nonconfidential due to the submittal of modification no. 1 (MD-01) on September 17, 2012.

The Centennial and Indian Springs Uranium Projects is a NOI to Prospect for in-situ uranium. The original NOI included exploratory wells, aquifer test wells, aquifer test observation wells and baseline water quality monitoring wells. As of February 17, 2009, the Division has received the proper abandonment reports for all exploratory core holes. The remaining well locations are monitoring wells, aquifer test wells, or are wells previously drilled by Rocky Mountain Energy and refurbished by Powertech (USA) Inc in 2007. Reclamation reports and the required Well Construction and Test Reports have been received for all monitoring wells which will be permanent in final reclamation. The project area was inspected from south to north via existing Weld County roads and two-track ranch access roads. The following well locations were observed by the Division; C-002-11_O, IS-007-03_O, IS-003-33_T, IS-011-15_O, BH837, BH838, BH840, BH841, BH845, and BH847.

Two of the four well locations not observed by the Division during this inspection were located behind gated, private property and were not able to be viewed properly. These wells will need to be inspected and verified as abandoned by the Division before final release of the site. The other two well locations, BH836 and BH842, were determined to be missing from their recorded locations. The Operator stated that historic satellite imagery

shows that the road has been widened where BH842 was originally located. BH836 was not found in its given location on the well location map. **The Division is citing this as a problem for failure to provide a well locations map which depicts accurate locations of exploratory and monitoring wells.** The Operator must submit photographic evidence and narrative explaining how the missing wells were found by the corrective action due date. Additionally, the Operator shall submit a Modification, with the required \$86 revision fee, to update and clarify the current approved well locations map to reflect existing locations of all monitoring and observation wells by the corrective action date.

When necessary, well locations have been protected by corral fencing or are within private property protected by barbed wire. All wells are sealed with a lockable metal cap. No erosion or sedimentation issues were noted. Wells sites are clear of drilling debris or trash. The surrounding vegetated areas were stable and had good cover. No new activity has occurred since the last inspection on October 25, 2019. The Operator intends to maintain the NOI as active for future hydrologic studies and monitoring, however the Operator representative stated that monitoring samples have not been collected recently.

As of the date of this inspection, prospecting activity as defined by C.R.S. 34-32-103(12), has ceased at the Centennial Uranium Project site. **The Division is citing a problem Pursuant to Rule 5.3.1(g).** This rule states that timely reclamation of affected lands must occur upon completion of prospecting operations. Prospecting activities must be completed within five (5) years of the NOI approval unless otherwise approved by the Office or Board, and reclamation must be completed within five (5) years of the completion of prospecting activities. As of February 17, 2009, all required reclamation and abandonment reports for the site have been received by the Division. **Therefore, the Operator shall submit to the Division a Reclamation Report and request for reclamation responsibility release stating that reclamation is finished. This request must comply with the requirements specified under Rule 4.16.1.** Narrative required by 4.16.1(c-e) has been received by the Division previously. Therefore, the Operator is not required to resubmit these documents as part of the request. Instead, the Operator shall reference within the request when these documents were received by the Division. Once received, the Division will move forward with a full and final release of the financial warranty.

The Division currently holds a financial warranty amount of \$97,400.00 for this site. The Division has determined that this amount is adequate to complete any remaining reclamation activities.

A representative photograph taken during the inspection has been included below. Responses to this inspection report should be directed to: Hunter Ridley at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 720-868-7757 or via email at hunter.ridley@state.co.us.

PHOTOGRAPHS



Photo 1: Typical groundwater monitoring well and surrounding vegetation.

Inspection Contact Address

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