



October 13, 2021

Mr. Tim Cazier
Environmental Protection Specialist III
Colorado Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203

**RE: Notice of Completion of Reclamation and Request for Release of Reclamation Responsibility,
Black Range Prospecting Permit P-2009-025**

Dear Mr. Cazier:

Black Range Minerals Colorado, LLC (BRM) has completed site reclamation activities at the Hansen Uranium Project (may also be referred to as Taylor Ranch Project) located in northern Fremont County, Colorado. This letter is a formal application and request for release of reclamation responsibility for all lands disturbed under permit P-2009-025. The subject lands are located along Middle Tallahassee Creek in Sections 21, 22, and 27, Township 7 South, Range 73 West, 6th Principal Meridian (see Figure 1).

Under the permitted activities, land disturbance has historically been associated with exploration drilling that occurred in 2011 and 2013. A total of 16 boreholes were drilled during this time with an estimated 1.6 acres of total disturbance. Six of these boreholes were converted to vibrating wire piezometers, and another five borings were constructed as monitoring wells. All exploration borings have been abandoned in accordance with Colorado Mined Land Reclamation Board Rule 5.4.2. Piezometers were abandoned with the approval of the Colorado Division of Water Resources (DWR). Reclamation activities completed to date include borehole abandonment, well pad regrading and contouring, seeding, mulching, and implementation of stormwater erosion best management practices. Any previously installed reclamation fencing has been removed. These activities have been acknowledged by DRMS in past inspection reports.

Description of Reclamation Activities

A map of the reclamation area is shown in Figure 1. Borehole reclamation was conducted in accordance with Colorado Mined Land Reclamation Board Rule 5.4.2 and DWR Rule 16. In most cases, all boreholes were completely plugged with neat cement/bentonite mix (as per DWR recommendations) from total depth to surface. For boreholes where vibrating wire piezometers were installed an alternate grout of cement was used; this procedure was approved by DWR. Standard abandonment grout mix consisted of 1, 100 lb. bag of Portland cement, 5 lbs. of bentonite, and 7 gallons of water. The VWP grout consisted of 1, 100 lb. bag of Portland cement, 25 lbs. of bentonite, and 30 gallons of water. In boreholes where VWPs were installed, the bottom of each borehole was abandoned with standard grout mix, the VWP-instrumented portions of the boreholes were grouted with VWP grout mix, and the upper portion of the borehole was grouted with standard grout mix. Excess grout was transported and properly disposed of offsite.

Surface reclamation was conducted soon after drilling and often within one week. After completion of borehole drilling at each pad, the mud pit and access disturbance were contoured and regraded to best match existing

natural grade using a back hoe, bull dozer, grader, and/or excavator. Typically, a slight soil mound was left over the pit area to allow for settling compaction. Top soil that had been stock piled or bermed on site was then evenly spread over the disturbed surface. Seeding was usually conducted at a later date, prior to anticipated significant precipitation events or winter onset. Seeding was conducted with a seed drill. No mulch or fertilizer was applied. The approved seed mix used was as shown in the following table.

Seed Species	Seeding Rate (PLS/acre)
Western Wheatgrass	2.80
Streambank Wheatgrass	0.80
Blue Grama	0.10
Sicleoats Grama	0.50
Green Needlegrass	1.80
*Mountain Mahogany	0.10
*Included in forested areas	

Where cross-country methods (no road construction) were used to access drill sites, any soil and vegetation damage was reclaimed by ripping the ground and reseeded.

DRMS Site Inspection

DRMS conducted the most recent site inspection on March 5, 2021. Ms. Stephanie Carter of the U.S. Bureau of Land Management (BLM) attended the inspection, along with Mr. Mike Rutter of Black Range. No violations were identified during the inspection. The inspection report presented a tabulated summary of all boreholes and monitoring wells and their reclamation status. This table has been modified and is presented in Table 1. Prior to this inspection, well permit and construction information were not available to DRMS for five of the monitoring wells (MW-27-290 through MW-27-294). This information was submitted to DRMS on September 17, 2021. Drill pad HNDD0008 was not visited during the inspection.

The March 5, 2021 inspection identified one location of concern on the drill road to borehole HNDD0009. This land is administered by the BLM. At this location, it was recommended by DRMS and BLM to install a water bar and bar ditch to divert and capture stormwater runoff to prevent future erosion. This work has been completed by Black Range.

In addition, DRMS identified a small amount of Canada thistle near HNDD0010, and the presence of straw wattle and rebar stakes on the perimeter of the HNDD0006 drill pad.

The March 5, 2021 inspection report states that the existing financial warranty for the project is \$154,936.58. The site inspection report suggested that with corrections of the relatively minor issues mentioned above, Black Range could consider a request for final reclamation liability.

For photographs of the reclaimed drill pads, Black Range would ask that DRMS please refer to the photographs that were included in the DRMS March 5, 2021 inspection report.

Black Range has scheduled time for the week of October 11th (this week) to apply weed treatment to the thistle and remove the wattle and rebar at the HNDD0006 site. Currently, Black Range has decided to maintain the existing monitoring wells (MW-27-290 through MW-27-294) for possible future use.

Permit Information

Permit No.: P-2009-025

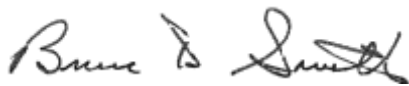
Operation Name: Hansen Uranium Project

Prospector: Black Range Minerals Colorado, LLC

Contact: Mr. Mike Rutter, Vice President
Black Range Minerals Colorado, LLC
31161 Highway 90
P.O. Box 825
Nucla, Colorado 81424
Phone: (435) 459-1354

Signed Statement

I, Bruce D. Smith, as agent/consultant to Black Range Minerals Colorado, LLC do hereby state that all applicable portions of the Reclamation Plan requirements have been satisfied in accordance with the Mined Land Reclamation Board rules and all applicable requirements under the Colorado Mined Land Reclamation Act.



Signature

October 13, 2021

Date

Principal Hydrogeologist


Title

Western Water & Land, Inc.

Company

Please address bond release documents to Mr. Mike Rutter and provide a copy to WWL. Should you have any questions, please contact me at (970) 242-0170.

Sincerely,


Bruce D. Smith
WESTERN WATER & LAND, INC.

attachments

cc: Mr. Mike Rutter, Vice President, Black Range Minerals Colorado, LLC
Mr. George Glasier, President, Black Range Minerals Colorado, LLC
Ms. Stephanie Carter, USBLM, Royal Gorge Field Office
Ms. Alicia Stone, Planning Coordinator, Fremont County

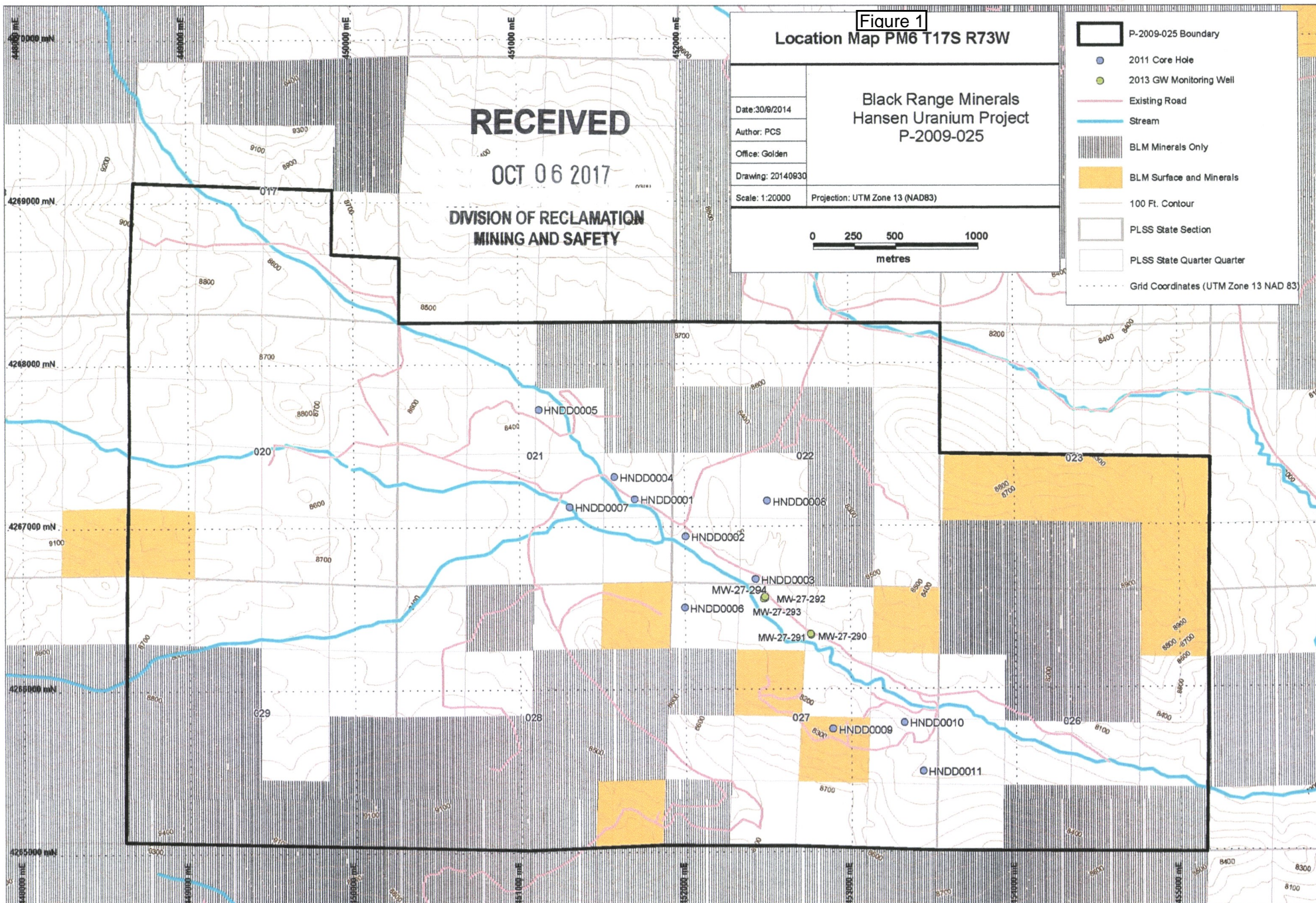


Table 1. Borehole Reclamation Tracking*

Permit No.	P-2009-025
Site Name:	Hansen Uranium Project
Prospector:	Black Range Minerals
County:	Fremont

Bore Hole ID	Date Drilled	Easting (UTM)	Northing (UTM)	Conversion to:	Date of Conv.	Date Permanently Abandoned	Permanent Abandonment	Method Of Reclaiming Drill Site Disturbance	Date Permanent Abandonment Final Report Rec'd:	Last Date Inspected	Date Deemed Releasable	Comments
HNDD0001	5/2/2011	451697.37	4267170.44	Not Applicable	n/a	5/17/2011	Sealed Hole	grading 80'x30' drill pad w/ 5'x10'x10'D mudpits & seeding	10/12/2012	8/25/2020	8/25/2020	--
HNDD0002	5/22/2011	452003.30	4266940.43	Not Applicable	n/a	6/10/2011	Sealed Hole	grading 80'x30' drill pad w/ 5'x10'x10'D mudpits & seeding	10/12/2012	8/25/2020	8/25/2020	--
HNDD0003	6/16/2011	452423.62	4266674.40	VWP-2*	ca 2011	6/28/2011	Sealed Hole	grading 80'x30' drill pad w/ 5'x10'x10'D mudpits & seeding	10/12/2012	8/25/2020	8/25/2020	Vibrating Wire Piezometer (VWP) installed
HNDD0004	6/29/2011	451574.70	4267308.05	Not Applicable	n/a	7/15/2011	Sealed Hole	grading 80'x30' drill pad w/ 5'x10'x10'D mudpits & seeding	10/12/2012	8/25/2020	8/25/2020	--
HNDD0005	7/21/2011	451122.57	4267725.80	VWP-3*	ca 2011	8/4/2011	Sealed Hole	grading 80'x30' drill pad w/ 5'x10'x10'D mudpits & seeding	10/12/2012	8/25/2020	8/25/2020	VWP installed
HNDD0006	8/10/2011	451996.47	4266502.66	VWP-3*	ca 2011	8/18/2011	Sealed Hole	grading 80'x30' drill pad w/ 5'x10'x10'D mudpits & seeding	10/12/2012	8/25/2020	--	VWP installed. 8/25/20: Wattle remnants & rebar remain
HNDD0007	8/25/2011	451303.28	4267124.35	VWP-3*	ca 2011	9/2/2011	Sealed Hole	grading 80'x30' drill pad w/ 5'x10'x10'D mudpits & seeding	10/12/2012	8/25/2020	8/25/2020	VWP installed
HNDD0008	9/9/2011	452499.10	4267155.28	Not Applicable	n/a	9/17/2011	Sealed Hole	grading 80'x30' drill pad w/ 5'x10'x10'D mudpits & seeding	10/12/2012	--	--	Never inspected
HNDD0009	9/19/2011	452883.20	4265752.78	VWP-2*	ca 2011	10/1/2001	Sealed Hole	grading 80'x30' drill pad w/ 5'x10'x10'D mudpits & seeding	10/12/2012	8/25/2020	8/25/2020	VWP installed; BLM land
HNDD0010	10/2/2011	453316.81	4265787.06	Not Applicable	n/a	10/4/2011	Sealed Hole	grading 80'x30' drill pad w/ 5'x10'x10'D mudpits & seeding	10/12/2012	8/25/2020	--	8/25/20: Needs thistle treatment
HNDD0011	10/4/2011	453428.44	4265488.01	VWP-2*	ca 2011	10/7/2011	Sealed Hole	grading 80'x30' drill pad w/ 5'x10'x10'D mudpits & seeding	10/12/2012	8/25/2020	8/25/2020	VWP installed
MWC-21-150	9/1/1978	262210 US_SP_COCft	1984417 US_SP_COCft	Monitoring Well	12/1/2011	TBD	NA	NA	TBD	9/15/2015	--	DRMS has no information other than field observations
MWC-27-287	3/16/1979			Monitoring Well	12/1/2011	TBD	NA	NA	TBD	8/25/2020	--	DRMS has no information other than field observations
MWC-109	10/12/1978	257263 US_SP_COCft	1990169 US_SP_COCft	Monitoring Well	12/1/2011	TBD	NA	NA	TBD	8/25/2020	--	DRMS has no information other than field observations
MW-27-290	9/29/2013	452762	4266332	Monitoring Well	9/29/2013	TBD	NA	NA	TBD	8/25/2020	--	Need final abandonment reports
MW-27-291	10/30/2013	452762	4266338	Monitoring Well	10/30/2013	TBD	NA	NA	TBD	8/25/2020	--	Need final abandonment reports
MW-27-292	9/27/2013	452484	4266558	Monitoring Well	9/27/2013	TBD	NA	NA	TBD	8/25/2020	--	Need final abandonment reports
MW-27-293	10/15/2013	452474	4266555	Monitoring Well	10/15/2013	TBD	NA	NA	TBD	8/25/2020	--	Need final abandonment reports
MW-27-294	10/15/2013	452483	4266567	Monitoring Well	10/15/2013	TBD	NA	NA	TBD	8/25/2020	--	Need final abandonment reports

* Modified after T. Cazier 2021