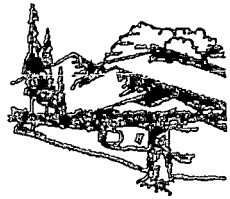




Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's
environment for the benefit of current and future generations.



Matthew H. Mead, Governor

Todd Parfitt, Director

May 30, 2018

Mr. Larry Reimann
Manager, Compliance & Licensing
Cameco Resources
Smith Ranch-Highland
P.O. Box 1210
Glenrock, WY 82637

RE: 2018 Annual Inspection Report, Cameco Resources (Power Resources Inc. dba),
Ruth ISR Project, PT0631

Dear Mr. Reimann:

The Wyoming Department of Environmental Quality, Land Quality Division (LQD) conducted an annual inspection of the Ruth ISR Project on May 3, 2018. The inspection was performed with the assistance of Cameco personnel. One maintenance item was identified during the inspection and is discussed in the attached report.

If you find incorrect or misleading statements in the report, please respond in writing. A copy of this report will be placed in the permanent inspection file for the Ruth ISR Project as will any written comments you may have.

Please contact me at (307) 675-5619 if you have any questions.

Sincerely,

Luke McMahan, P.G.
Project Geologist
WDEQ-LQD District 3

\lm

Attachment: 2018 Annual Inspection Report

cc: Mr. Doug Mandeville, U.S. NRC, MS T-8F5, 11545 Rockville Pike, Rockville, MD 20852
(w/attachment)



WDE
5/31/18

IN SITU MINE INSPECTION REPORT

Wyoming Department of Environmental Quality, Land Quality Division
2100 West 5th Street Sheridan, WY 82801
Phone: (307) 673-9337 FAX: (307) 672-2213



Permit Number:	PT0631	Permittee:	CAMECO RESOURCES (POWER RESOURCES INC DBA)
Inspection Date:	5/3/2018	Inspector(s):	Luke McMahan
Report Date:	5/30/2018	Participant(s):	Cameco Resources: Larry Reimann, Erik Heide, Tyler Spence
Last Inspection:	5/3/2017	Current Bond:	\$419,000
Inspection Reason(s):	Annual	Field Conditions:	Partly cloudy, calm, dry, ~65° F
		Approval Date:	12/26/1990
Status:	Inactive	Approved Acreage:	1414
County:	Johnson	Mineral:	Uranium

Opening Comments

The Annual Inspection for the Ruth ISR Project, PT0631, was conducted by LQD Project Geologist Mr. Luke McMahan on May 3, 2018. Cameco's Annual Report for the Ruth ISR Project was received by LQD District 3 on December 22, 2017. The facilities at the Ruth ISR Project are non-operational and remain on stand-by status. As indicated in the Annual Report, monitoring activities conducted during the reporting period included quarterly inspections of site security, the evaporation pond fence and embankments, evaporation pond liners, and pond water levels. The Annual Report indicates that no problems were observed during the reporting period. No drilling, well installation, facility construction, or other site development was conducted during the 2016-2017 reporting period. No site reclamation was conducted during the 2016-2017 reporting period. Cameco does not plan to conduct any delineation drilling, mining or reclamation during the 2017-2018 reporting period.

Compliance Assessment

Inspection Topic	In Compliance
General	N/A
• Erosion Control	Yes
There has been no new disturbance at the site. All areas were well vegetated which is providing adequate erosion control. No erosional issues were observed during the inspection.	
• Facilities	Yes
At the time of the inspection the operation consisted of a process building with attached generator building, warehouse building, two lined evaporation ponds with game fence, two topsoil stockpiles, three monitoring wells, an access road with cattle guard, and a barbed wire fence surrounding the facilities area. The facilities appeared to be adequately maintained and secured (Photo #2).	
• Fencing	Yes
The barbed wire fence around the facilities area and the game fence around the ponds was found to be well maintained and functioning as intended.	

Handwritten signature/initials

Inspection Topic	In Compliance
● Ponds	Yes
The two lined evaporation ponds were viewed and no issues were identified during the inspection (Photos #5 & #6). The game fence around the ponds was well maintained and locked. Both pond liners appeared to be intact and were holding water from recent precipitation. As indicated in the Annual Report, Cameco conducts quarterly inspections of the evaporation pond fence and embankments, evaporation pond liners, and pond water levels.	
● Signs	Yes
<p>The permit sign was found to contain the required information, however it was noted that the contact person needed to be updated (Photo #1). The proposed resolution date for this maintenance item has been set 90 days from the date of the inspection (see "Actions Required" in this report). Cameco may demonstrate completion of this task by emailing the inspector a photograph of the updated sign.</p> <p>Site security and control signage was present on the perimeter fence and on facility buildings and pond fence.</p>	
● Topsoil Stockpiles	Yes
The two topsoil stockpiles present at the site were viewed. Both stockpiles had adequate erosion control, were stable and posted with a topsoil identification sign (Photos #3 & #4).	

Actions Required

Inspection Topic	Inspection Date	Proposed Resolution Date
Signs	5/3/2018	8/1/2018
Update the Permit Sign with the current Agent.		

Inspection Summary Comments

The site continues to be well maintained. There are no outstanding compliance issues at the Ruth ISR Project. One maintenance item was identified during the inspection. Due to recent personnel changes with Camceco, the permit sign located at the entrance to the facility area needs to be updated with the current Agent.

Inspection Recipient and Attachment Information

Recipient	Email	Address/Notes
Operator	No	CAMECO RESOURCES (POWER RESOURCES INC DBA)

Attachment Types: ☒ Photo Addendum ☐ Map(s) ☐ Table(s) ☐ Other

Attachment Notes

Type	FileName	Size (MB)	# Pages
Cover Letter	PT0631_Annual_IR_cvr.ltr_05.30.18LM.pdf	0.06	1
Photos	PT631_Annual_IR_Photo Log_05.03.18_LM.pdf	1.15	3



Photo #1: View of permit identification sign. Update needed for current Agent.



Photo #2: View of process building (left) and warehouse building (right) looking northeast.

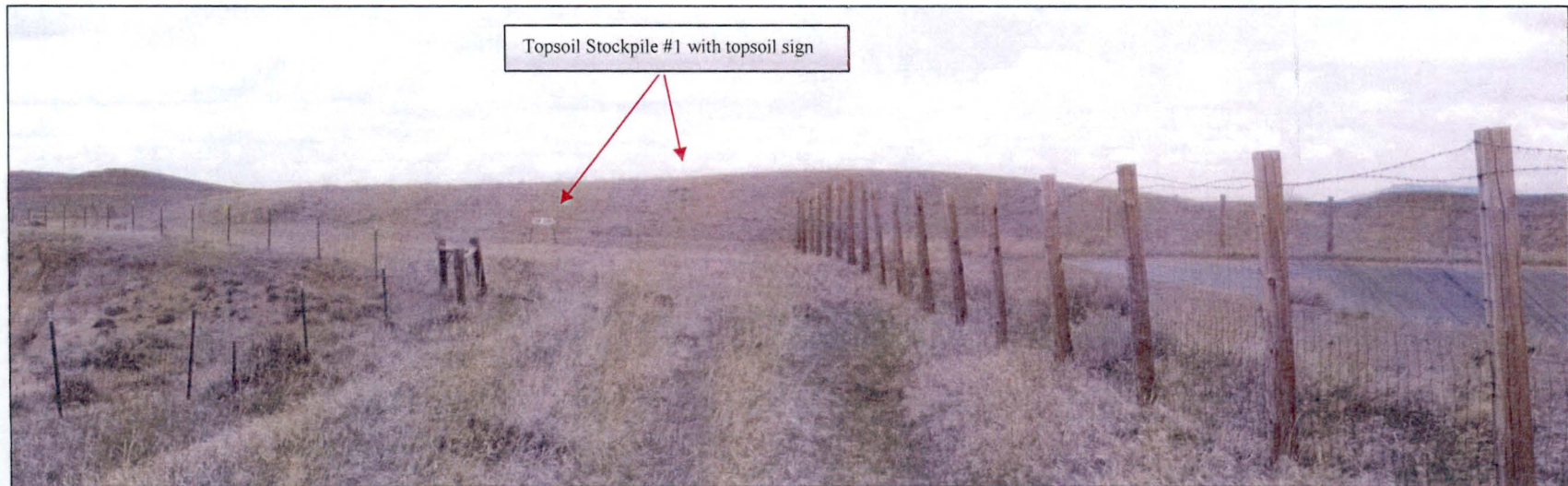


Photo #3: View of Topsoil Stockpile #1 (north end of facilities area) looking northeast.

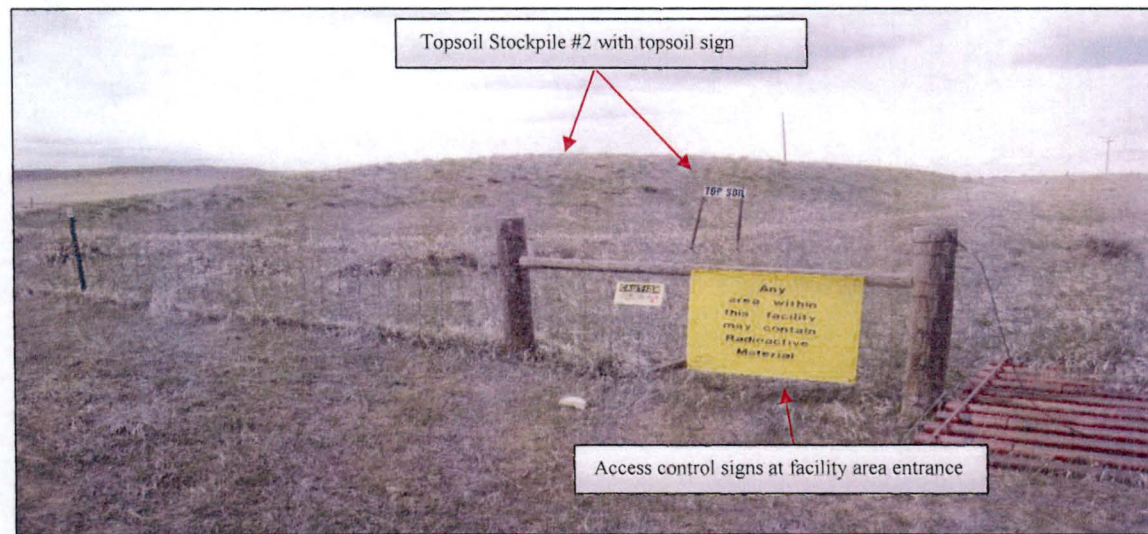


Photo #4: View of Topsoil Stockpile #2 (south end of facilities area) looking northwest.

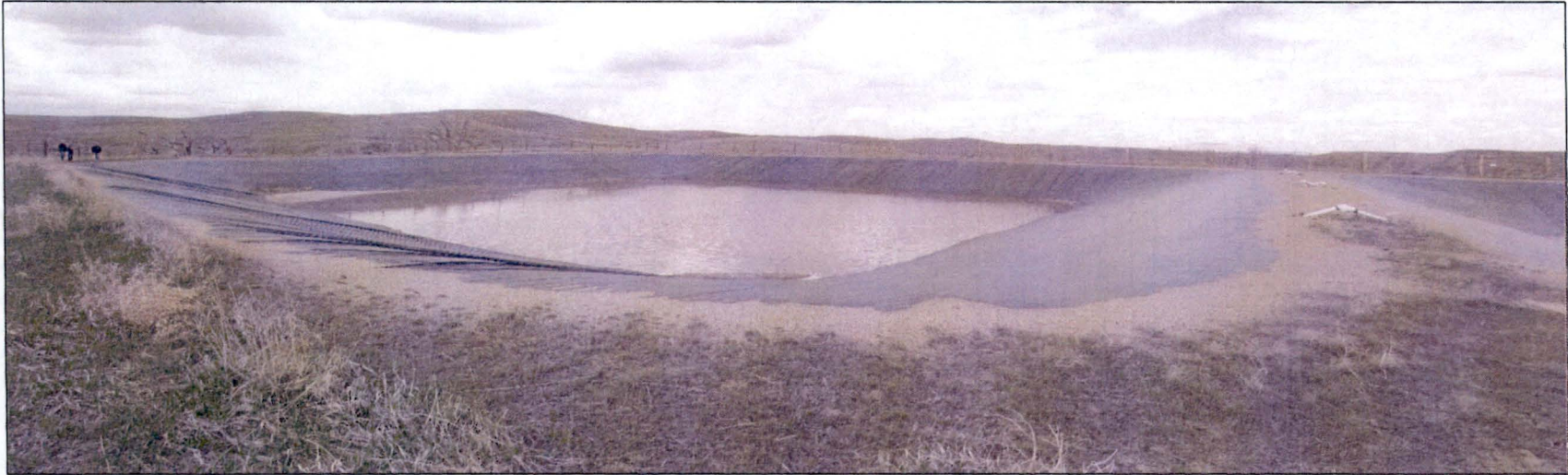


Photo #5: View of Pond #1 (West Pond) looking northwest.



Photo #6: View of Pond #2 (East Pond) looking northeast.