

## **Appendix A**

### **Land Description Review Certificate for the Lost Creek *In-Situ* Recovery Project**

**Land Description Review Certificate**  
 United States Department of the Interior - Bureau of Land Management  
 Wyoming State Office  
 5353 Yellowstone Road  
 Cheyenne, Wyoming 82009

To: John D. Russell, Project Manager

From: John P. Lee, Chief Cadastral Surveyor  
 BLM Wyoming State Office

Subject: Land Description Review (LDR) Certificate

BLM LAND AREA CODE:	TOWNSHIP, RANGE, SECTION, QUARTER-QUARTER SECTION, MERIDIAN, AND STATE:	PURPOSE:
Rawlins Field Office	T25N R92W T25N R93W	Lost Creek Uranium In Situ Recovery Project - FRN, Final EIS NOA and ROD NOA

By LDR Worksheet received by this office on 6/11/12, the land description(s) as stated in the notice for the above referenced action has been reviewed. The following determination has been made:

(Check one!)

X	The land description is acceptable as written and presented for the stated purpose, see comments below.
	The land description has potential problems as noted below; however, the risk appears minor and the action within the stated purpose should not be affected.
	The land description has potential problems and should not be used as written for the stated purpose. The following errors and/or concerns as noted below need to be corrected/addressed before this description should be used.

Sufficiency of the land description for the stated purpose: Sufficient

Comments/Concerns/Corrections: The land description submitted with the LDR worksheet was re-written to make corrections and to change the format to conform to *Specification for Descriptions of Tracts of Lands*. The most significant correction was the removal of those descriptions that included half lots. The half lot descriptions were changed to include the whole lot, resulting in an increase in acreage of the project area. The re-written description was then edited into the FRN.

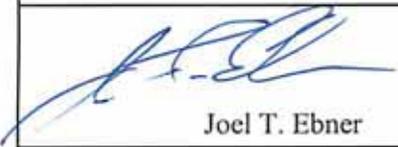
Condition of corner monuments: Both townships were resurveyed in 1965-67 and iron post monuments were set at all section and quarter corners.

Condition of boundary line marking: Unknown – No field visit was made.

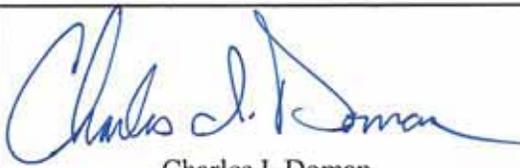
Condition of Geographic Coordinate Data Base (GCDB): Error estimates in the 25 ft. range.

I certify that the parcels described on the attached conveyance document contain the following acreage(s):  
3,737.16 acres determined from GLO/BLM official records.  
 \_\_\_\_\_ acres determined by \_\_\_\_\_.

Certification: This Land Description Review correctly represents the records and documents compiled by me or under my direct supervision in conformance with the requirements of the Bureau of Land Management *Standards for BLM Administered Lands Boundary Evidence*, of the parcel(s) of land identified above.

<i>Name: Cadastral Surveyor or</i>	<i>Title and Contact Information:</i>	<i>Date:</i>
 Joel T. Ebner	Cadastral Surveyor 5353 Yellowstone Road Cheyenne, Wyoming 82009	June 26, 2012

Certification: This Land Description Review correctly represents the records and documents compiled under my direction and control and in conformance with the requirements of the Bureau of Land Management *Standards for BLM Administered Lands Boundary Evidence*, of the parcel(s) of land identified above.

<i>Name: Acting, Chief Cadastral Surveyor</i>	<i>Contact Information:</i>	<i>Date:</i>
 Charles I. Doman	Chief Cadastral Surveyor for Wyoming 5353 Yellowstone Road Cheyenne, Wyoming 82009	June 26, 2012

Attachments:

- Copies of the supplied documents: LDR Worksheet, Legal Description, Project Map
- Revised Legal Description, Federal Register Notice

**Land Description Review Worksheet**  
 United States Department of the Interior - Bureau of Land Management  
 Rawlins Field Office, Rawlins, Wyoming

RECEIVED  
 DOI-BLM  
 CHEYENNE WYOMING  
 2012 JUN 12 AM 10:00

To: Wyoming State Office Cadastral Survey  
 Attention: John P. Lee, Chief Cadastral Surveyor

By: John D. Russell, Project Manager

Subject: Land Description Review (LDR) Worksheet

BLM LAND AREA CODE:	TOWNSHIP, RANGE, SECTION, QUARTER-QUARTER SECTION, MERIDIAN, AND STATE:	PURPOSE:
Rawlins Field Office LLWYD03000	See attached legal description created by Brenda Woods, RFO Realty Specialist	Two LDR Certificates needed: One for Lost Creek Final EIS FRN NOA <u>and</u> One for Lost Creek ROD FRN NOA

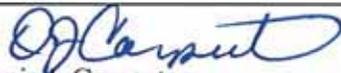
Please review the land description(s) in the attached document(s) for the purpose identified above complete the attached interoffice memo and return them for filing in the official case file [when applicable]. The purpose for the LDR is to fulfill Federal Register Notice packages requirements:

In addition, report upon (check box(s), and within the brackets circle the service(s)):

- Condition of corner monuments based upon (existing knowledge or office investigation or field investigation).
- Condition of boundary line marking based upon (existing knowledge or office investigation or field investigation).
- Practicability of the boundaries for compliance with the stated purpose based upon (existing knowledge or office investigation or field investigation).
- Condition of Geographic Coordinate Data Base (GCDB).
- Acres determined from GLO/BLM records.
- Acres determined by other means.
- Other - \_\_\_\_\_

The LDR Certificates are needed by: June 30, 2012

Authorizing Official:

Name:	Title and Contact Information:	Date:
 Dennis J. Carpenter	Field Manager	6/11/2012

Date Received By Cadastral Survey: 6/11/12 Received By: JTE

Attachments: legal description, map

*This worksheet is to be retained in the official case file.*

**6<sup>th</sup> Principal Meridian**

T. 25 N., R. 92 W.

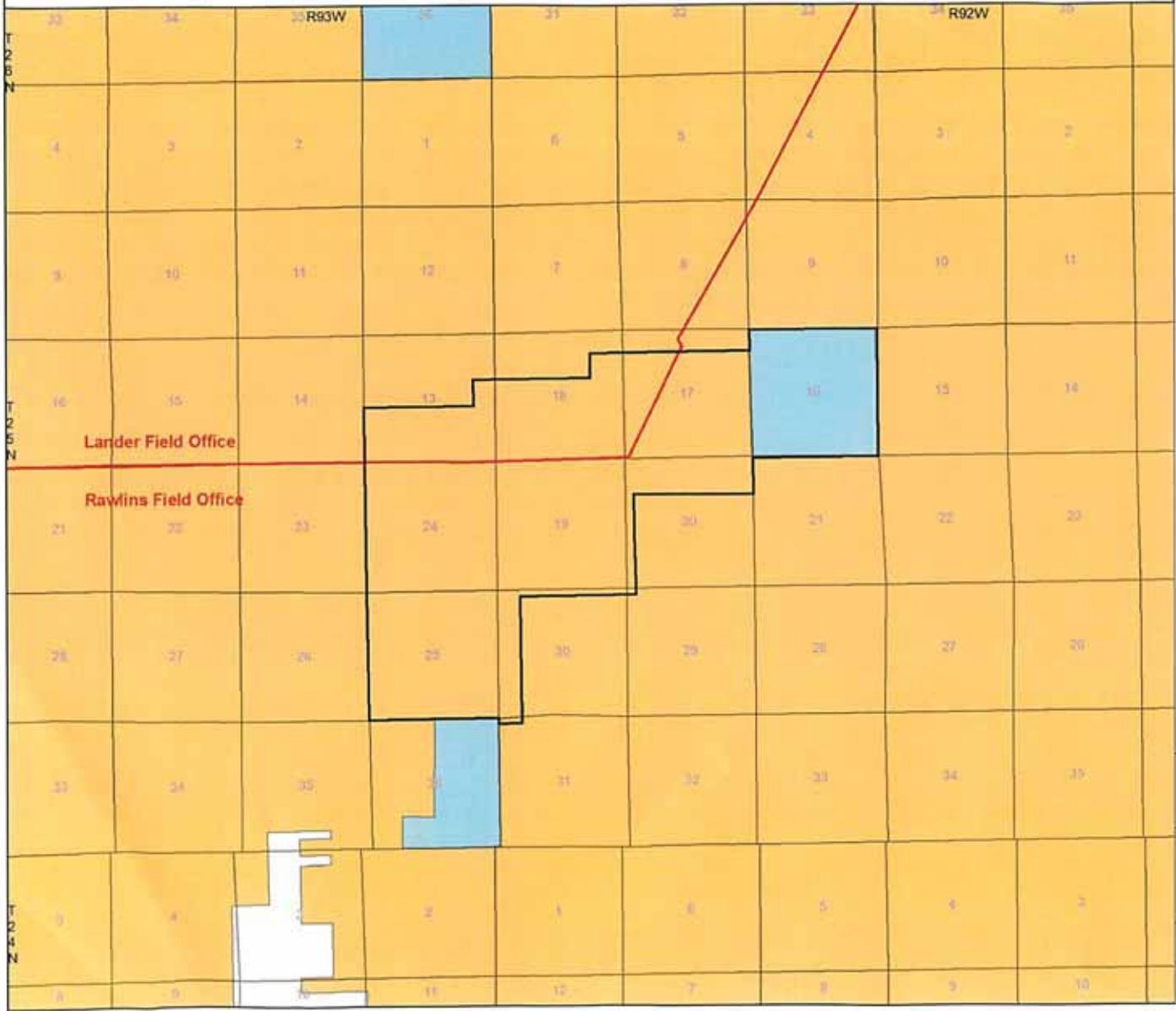
Section 17: S½NE¼NE¼, S½NW¼NE¼, S½NE¼NW¼, S½NW¼NW¼, S½N½ and S½;	Total: 560 Acres
Section 18: Lot 2 (S½), 3 and 4; S½NE¼NE¼, S½SW¼NE¼, SE¼NE¼, S½SE¼NW¼, E½SW¼, SE½;	Total: 437.94 Acres
Section 19: ALL;	Total: 636.08 Acres
Section 20: N½N½, W½SW¼NW¼, W½W½SW¼;	Total: 220 Acres
Section 29: NW¼NW¼NW¼;	Total: 10 Acres
Section 30: N½ of Lots: 5, 6, 7 and 8, W½ of Lots: 8, 8, 16 and 17;	Total: 146.46 Acres
Section 31: N½ of Lot: 8;	Total: 19.97 Acres

**Sixth Principal Meridian**

T. 25 N., R. 93 W.

Section 13: SE¼SE¼NE¼, S½S½, S¼N½S½, N½NE¼SE¼;	Total: 298.6 Acres
Section 24: ALL;	Total: 640 Acres
Section 25: ALL.	<u>Total: 640 Acres</u>
<b>Total</b>	<b>3,609.05 Acres</b>

# Project Location - Lost Creek *In-Situ* Uranium Recovery Project



### Legend

- Lost Creek Permit Area
- BLM Field Office Boundary
- Surface Land Owner**
- BLM - administered
- Private
- State



### Lost Creek *In-Situ* Uranium Recovery Project

Sweetwater County, WY

### Project Location



No warranty is made by the BLM for use of the data for purposes not intended by BLM

## Revised Legal Description – Ebner, 6/26/12

### Sixth Principal Meridian

T. 25 N., R. 92 W.,

sec. 17, S1/2NE1/4NE1/4, S1/2NW1/4NE1/4, S1/2NE1/4NW1/4, S1/2NW1/4NW1/4,  
S1/2N1/2, and S1/2;

sec. 18, lots 2 to 4, inclusive, S1/2NE1/4NE1/4, S1/2SW1/4NE1/4, SE1/4NE1/4,  
S1/2SE1/4NW1/4, E1/2SW1/4, and SE1/4;

sec. 19;

sec. 20, N1/2N1/2, W1/2SW1/4NW1/4, and W1/2W1/2SW1/4;

sec. 29, NW1/4NW1/4NW1/4;

sec. 30, lots 5 to 9, inclusive, and lots 16 and 17;

sec. 31, lot 8.

T. 25 N., R. 93 W.,

sec. 13, SE1/4SE1/4NE1/4, S1/2S1/2, S1/2N1/2S1/2, and NE1/4NE1/4SE1/4;

sec. 24;

sec. 25.

The areas described aggregate 3,737.16 acres.

**4310-22-P****DEPARTMENT OF THE INTERIOR****Bureau of Land Management****[LLWYD03000.L51100000.GN0000.LVEMK10CW580-WYW-166318]****AGENCY:** Bureau of Land Management, Interior.**ACTION:** Notice of Availability.

**SUMMARY:** In accordance with the National Environmental Policy Act of 1969, as amended, and the Federal Land Policy Management Act of 1976, as amended, the Bureau of Land Management (BLM) has prepared a Final Environmental Impact Statement (FEIS) for the Lost Creek Uranium In Situ Recovery (ISR) Project and by this notice is announcing its availability.

**DATES:** The BLM will not issue a final decision on the proposal for a minimum of 30 days from the date that the Environmental Protection Agency publishes this notice in the Federal Register.

**ADDRESSES:** Copies of the Lost Creek Uranium ISR Project FEIS are available for public inspection at:

- Bureau of Land Management, Wyoming State Office, 5353 Yellowstone Road, Cheyenne, Wyoming 82009;
- Bureau of Land Management, High Desert District Office, 280 Highway 191 North, Rock Springs, Wyoming 82901;
- Bureau of Land Management, Rawlins Field Office, 1300 N. Third Street, Rawlins, Wyoming 82301;

- Bureau of Land Management, Lander Field Office, 1335 Main Street, Lander, Wyoming 82520.

Interested persons may also review the FEIS on the internet at:

<http://www.blm.gov/wy/st/en/info/NEPA/documents/rfo/lostcreek.html>.

**FOR FURTHER INFORMATION CONTACT:** John Russell, Project Manager, telephone: 307-328-4252; address: Bureau of Land Management, Rawlins Field Office, 1300 N. Third Street, P.O. Box 2407, Rawlins, Wyoming 82301; e-mail:

Lost\_Crk\_Mine\_WY@blm.gov. Persons who use a telecommunications device for the deaf (TDD) may call the Federal Information Relay Service (FIRS) at 1-800-877-8339 to contact the above individual during normal business hours. The FIRS is available 24 hours a day, 7 days a week, to leave a message or question with the above named individual. You will receive a reply during normal business hours.

**SUPPLEMENTARY INFORMATION:** Expanding nuclear power is a key component of the Energy Policy Act of 2005. Also, development of federal locatable minerals by private industry is part of the BLM's mineral program under the authority of 43 Code of Federal Regulations (CFR) 3800. The applicant, Lost Creek ISR, LLC (Lost Creek), has filed a plan of operations pursuant to the 43 CFR subpart 3809 regulations to construct a uranium ore recovery plant, an access road to the site, a pipeline system for the flow of oxidizing leach solution to injection wells and return of fluids from recovery wells to the recovery plant site; to drill injection, recovery and monitoring wells; and to construct associated facilities such as parking lots, power lines, etc.

Development and recovery of the uranium consists of dissolving underground uranium-bearing minerals into solution and then bringing the solution to the surface facility for

concentration. The Lost Creek ISR Project is located about 40 miles northwest of Rawlins, Wyoming, in Sweetwater County.

The project is located in the following area:

Sixth Principal Meridian

T. 25 N., R. 92 W.,

sec. 17, S1/2NE1/4NE1/4, S1/2NW1/4NE1/4, S1/2NE1/4NW1/4, S1/2NW1/4NW1/4, S1/2N1/2, and S1/2;

sec. 18, lots 2 to 4, inclusive, S1/2NE1/4NE1/4, S1/2SW1/4NE1/4, SE1/4NE1/4, S1/2SE1/4NW1/4, E1/2SW1/4, and SE1/4;

sec. 19;

sec. 20, N1/2N1/2, W1/2SW1/4NW1/4, and W1/2W1/2SW1/4;

sec. 29, NW1/4NW1/4NW1/4;

sec. 30, lots 5 to 9, inclusive, and lots 16 and 17;

sec. 31, lot 8.

T. 25 N., R. 93 W.,

sec. 13, SE1/4SE1/4NE1/4, S1/2S1/2, S1/2N1/2S1/2, and NE1/4NE1/4SE1/4;

sec. 24;

sec. 25.

The areas described aggregate 3,737 acres of BLM land. The total project area, including both BLM and State lands, is approximately 4,377 acres. The BLM would approve approximately 345 acres of actual surface disturbance. Most of the surface disturbance would be related to construction of pads for wells used to extract uranium in solution from the site. The plant site would comprise approximately ten acres, including parking

space for about 50–60 employees. Multiple subsurface ore bodies ranging in depth from about 300–700 feet below the surface are found at the site. Each of the three separate production areas containing uranium would be established and mined, one at a time. It is expected that mining operations would last about eight years. An estimated additional three years would be required for startup and closure of the site for a total project length of 11 years. A proposed final reclamation plan for the project area has been submitted. All surface facilities would be removed when the project is completed and the land re-contoured to near predisturbance condition and re-vegetated.

The BLM has selected the Drying Yellowcake On-Site Alternative as the preferred alternative. Under this alternative, a yellowcake drying and packing facility would be constructed and operated at the permit area. As with the proposed action, yellowcake slurry (30 to 50 percent solids) would be produced; however, the slurry would be filtered to remove additional water, dried, and packaged on-site. Housing the drying-packing facility within the processing plant will reduce shipments from the site, resulting in fewer transportation-related impacts, wildlife disturbances, and cleaner air quality. The Notice of Intent (NOI) to prepare an Environmental Impact Statement (EIS) was published in the Federal Register on February 11, 2011 (76 FR 7877). The scoping comments used in response to the NOI were used during the preparation of the Draft Environmental Impact Statement (DEIS) to help identify impacts expected as a result of the proposed action and to develop the No Action Alternative, Not Fencing Pattern Areas Alternative and the Drying Yellowcake On-Site Alternative. A 45-day comment period for the DEIS was held from April 27, 2012, through June 11, 2012, as announced through the Federal Register on April 27, 2012 (77 FR 25193). The BLM prepared the FEIS in

coordination with the State of Wyoming, Sweetwater County and Carbon County, which participated as formal cooperating agencies during the EIS process. The BLM also closely coordinated with the United States Fish and Wildlife Service and the Environmental Protection Agency. The FEIS describes the changes made between the DEIS and FEIS, and includes responses to comments received during the public comment period.

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Don Simpson  
State Director

AUTHORITY: 40 CFR 1506.6, 40 CFR 1506.10