



June 11, 2014

**Via Electronic Filing**

The Honorable Kimberly D. Bose  
Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, DC 20426

**Re: Filing of Initial Study Report for Peabody Trout Creek Reservoir Project  
(FERC Project No. P-14446)**

Dear Secretary Bose:

Pursuant to 18 Code of Federal Regulations (CFR) Section 5.15 of the Federal Energy Regulatory Commission's (Commission's or FERC's) rules and regulations, Peabody Trout Creek Reservoir, LLC (PTCR) hereby e-files the Initial Study Report (ISR) for the licensing of the Peabody Trout Creek Reservoir Project (Project), FERC Project No. P-14446. Additionally, one paper copy of the ISR is being shipped ATTN: Shana Murray at the address noted above.

Based on the Commission's June 11, 2013 Study Plan Determination, PTCR is to execute 19 resource studies. The e-filed ISR provides the progress to date on each of the studies and a summary of activities for the studies listed below (the numbering here coincides with the numbering presented in the Revised Study Plan dated May 17, 2013, which the Commission approved as submitted):

- 3.1, Geotechnical Investigation
- 3.2, Existing Channel Conditions and Sediment Supply Study
- 3.3, Channel Morphology
- 3.4, Review and Analysis of the Results from Ground Water Monitoring Wells
- 3.5, Hydrology and Stream Flow Assessment
- 3.6, Hydrologic Effects Analysis of the Proposed Trout Creek Reservoir and Related Diversions on Flows in the Yampa River
- 3.7, Ongoing Temperature and Dissolved Oxygen Monitoring of Trout Creek
- 3.8, Stream and Reservoir Water Quality Modeling
- 3.9, Flow/Habitat Effects Evaluation on Existing Fishery Resources in Trout Creek and the Yampa River



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- 3.10, Fish Species and Longitudinal Habitat Utilization Study
- 3.11, Fish Entrainment Study
- 3.12, Whirling Disease Study
- 3.13, Noxious Weed Survey
- 3.14, Wildlife, Migratory Bird, and Raptor Surveys
- 3.15, Downstream Riparian, Wetlands, and Littoral Habitat Study
- 3.16, Wetland Delineation for Entire Project
- 3.17, Transportation System Assessment
- 3.18, Recreation Use Study
- 3.19, Class III (Intensive Pedestrian) Cultural Resources Survey

The ISR includes an introduction and background information on the Project, the Project licensing schedule, information on the upcoming Initial Study Report Meeting, a general update regarding the Study Plan, and study summaries for each of the 19 studies listed above. Additionally, Appendices A through C contain the following completed study reports:

- Geotechnical Investigation
- Review and Analysis of the Results from Ground Water Monitoring Wells
- Recreation Use Study

PTCR will hold its ISR Meeting in the 4 Main Conference Room of URS Corporation located at 8181 East Tufts Avenue, Denver, Colorado 80237, on Tuesday, June 24, 2014, beginning at 8:30 a.m. (Mountain Daylight Time). The purpose of this meeting is to discuss the ISR with resource agencies and interested members of the public. A conference call line and web connection will be made available for those who are unable to attend in person. Additional information about the meeting is provided in Section 1.5 of the ISR. In accordance with FERC's Integrated Licensing Process, PTCR will file the ISR Meeting Summary on or before July 9, 2014. To assist with meeting planning and logistics, PTCR requests that all agencies or stakeholders who plan to attend the meeting RSVP by contacting Jody Glennon, URS Corporation (PTCR's Environmental Consultant for the Project) by e-mail at [Jody.Glennon@URS.com](mailto:Jody.Glennon@URS.com) or by phone at 303-796-4699 by June 20, 2014. For those unable to attend the meeting in person, Ms. Glennon will share conference call and web connection information.



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PTCR is providing notice of the ISR to resource agencies, Indian tribes, local governments, and interested members of the public as identified in the attached distribution list. Interested persons can view the ISR on the PTCR Project website at <http://www.peabodytroutcreekreservoir.com/Documents.html>. The ISR is also being provided in paper format to the three libraries listed on the attached Distribution List.

If you have questions regarding the Initial Study Report or Initial Study Report Meeting, or if I can provide additional information, please contact me at 314-342-3484 or [byansen@peabodyenergy.com](mailto:byansen@peabodyenergy.com). Thank you.

Sincerely,

A handwritten signature in black ink that reads "Brian Yansen". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Brian Yansen  
Director, Real Estate Development  
Peabody Trout Creek Reservoir, LLC

*Enclosure*

*cc with enclosure: Shana Murray/FERC, Bud Werner Memorial Library, Oak Creek Public Library, and West Routt Library*

*cc without enclosure: Remainder of Attached Distribution List*



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**FERC Project No. P-14446**  
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