U.S. Army Corps of Engineers

Portland District, CENWP-EC-HR

P.O. Box 2946

Portland OR 97208-2946

July 14, 2017

Kevin Moynahan

Operations Project Manager

U.S. Army Corps of Engineers

John Day Lock and Dam

P.O. Box 823

Rufus, OR 97050

RE: Portland District Access to John Day Project and BRZ

Dear Kevin Moynahan:

The purpose of this letter is to request access to John Day Project from August through October, specifically in the forebay area near the South fish ladder exist. Access will be required for both in-water work within the BRZ (at least 100 feet from fish ladder exist) and on the powerhouse structure (South end). Project access is necessary to carry out COE-funded research for the “Lower Columbia River Forebay Temperature monitoring – Phase 1 and Phase 2”. Phase 1 will be conducted in 2017 and possibly continue into 2018 for the “Temperature Depth Profile Monitoring Study”. Upon completion of this study, Phase 2 will be implemented in the subsequent year for the “Floating Platform with Real-time Data Collection”. This study is funded by Portland District, CENWP-PM-F. The PM is Mr. James Adams, NWP-RDP (503-808-4742). The Portland District TL for this study is Ms. Tina Lundell (503-808-4878). The John Day Project POC for this study is expected to be Mr. Eric Grosvenor (541-506-7861) and Mr. Miro Zyndol (541-506-7860).

Access to the BRZ area and to the dam structure near the South fish ladder is needed to deploy and retrieve up to four temporary temperature depth profile strings near the ladder. Each anchored string will hold up to six thermistors at a depth of 60 – 80 feet, with a yellow A3 buoy to mark the location. One of the four Templines may be installed hanging from the dam structure or using existing trolley pipes mounted near the pier nose between turbine units. The goal is to find a location where the coolest water resides for floating platform temperature data collectors. These data collectors will be used to determine when cooler water is available to pump to fish ladder exists during the hottest portion of the summer.

We are aware of the pre-project documentation required of researchers working at the John Day project. This documentation will be provided to Ms. Erin Kovalchuk and Mr. Eric Grosvenor prior to August 4, 2017.

 Sincerely,

 Tina M. Lundell

 Hydraulic Engineer