

November 18, 2016

Operations Project Manager  
U. S. Army Corps of Engineers  
Bonneville Lock and Dam  
P. O. Box 150  
Cascade Locks, OR 97014

Dear Operations Project Manager,

1. I request your approval for access to the Bonneville Dam Project to conduct a hydroacoustic elevation at B2 in support of the Portland District in 2017. The study is a research effort by the Pacific Northwest National Laboratory (PNNL), U. S. Department of Energy. The research project title is “Fish Guidance Efficiency of Modified Main Unit Gatewells: Post-Construction Evaluation at the Bonneville Dam Second Powerhouse, 2017 and 2018.” This project is Corps-funded and it is on Portland District’s programmed list of approved research activities. The lead Portland-District Biologist is Jon Rerecich (503-808-4779). The lead PNNL Project Manager is James Hughes (509-371-6802).

2. Research teams will need to access to forebay decks at B2 to install electronic monitoring equipment between January and late March, and to maintain equipment and download data between late April and the end of August. A work boat and safety boat may be needed to install a floating barge near the entrance to the B2CC. These activities are described greater detail in the project impact statement, which is part of the project work documents described below under Item 3.

3. Electronic versions of all required project work documents have been transmitted to Tammy Mackey (District Biologist, Portland District) and Ida Royer (Bonneville Research Coordinator).

Sincerely,

James Hughes  
Senior Research Scientist  
Pacific Northwest National Laboratory  
P.O. Box 999  
Richland, WA 99352