



**DEPARTMENT OF THE ARMY**  
CORPS OF ENGINEERS, PORTLAND DISTRICT  
BONNEVILLE LOCK AND DAM PROJECT  
PO BOX 150  
CASCADE LOCKS OR 97014-0150

February 21, 2018

James Hughes  
Pacific Northwest National Laboratory  
Post Office Box 999  
Richland, WA 99352

Dear Mr. Hughes:

This is in response to your February 1, 2018 letter requesting approval for access to Bonneville Dam to conduct a hydro acoustic study at Powerhouse II (PH2). It is understood that this is a Corps-funded study entitled "Fish Guidance Efficiency of Modified Main Unit Gatewells". This study is the second of a two-year effort to evaluate fish-passage metrics utilizing acoustic cameras and fixed-location transducers located in the PH2 gatewells and trashracks.

With respect to the work outlined above, your request is generally approved, provided you are able to obtain all necessary permits and certifications. No work may begin until the required documents are on file with Mr. Brian Bissell and Ms. Erin Kovalchuk.

Prior to beginning work, please arrange a meeting with Mr. Bissell, 541-374-7984. Please remain in contact with Mr. Bissell throughout your time at the dam. There are many researchers and contractors working at the dam. It's important to ensure good communication and cooperation between agencies and organizations.

A copy of this letter has been posted to NWP Access Responses found at <http://pweb.crohms.org/tmt/documents/FPOM/2010/NWP%20Research/Research.html>.

If you have questions regarding this correspondence, please contact Mr. Bissell via e-mail at [biran.m.bissell@usace.army.mil](mailto:biran.m.bissell@usace.army.mil), or by phone, 541-374-7984.

Sincerely,

Tony R. Kirk  
Operations Project Manager  
Bonneville Project