

13 February 2018

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

Personnel from the University of Idaho aspire to conduct studies of Pacific lamprey migrations at Bonneville Dam in 2018. These studies are to be funded by the Corps of Engineers and are part of the Portland District's program of studies to improve fish passage at dams. This letter is to request permission to gain access to the Bonneville Dam, as needed, to conduct the studies.

At Bonneville Dam, there are four main activities. They include: 1) evaluate Pacific lamprey behavior near recently-installed lamprey passage structures, 2) evaluate the response of adult lamprey to reduced nighttime entrance velocities at Bradford Island fishway entrances, 3) evaluate the effects of exercise history on lamprey swimming performance using an experimental flume in the Adult Fish Facility, and 4) evaluate overall FCRPS passage performance and fate of adult lamprey

Study plans are available from Ricardo Walker of the Portland District office. Messrs. Charles Boggs and Tim Blubaugh, who have worked at the project in the past, will be supervisors for the 2018 studies. We will meet with Bonneville Project personnel sometime in spring 2018 to conduct a pre-work meeting and discuss project operations and safety issues. We have enclosed a hazard analysis and work plan (i.e., research packet) with Bonneville operation staff. Copies of all appropriate state permits to conduct the proposed research will be presented to Corps Biologists prior to initiating any work.

We appreciate the opportunity to work at the Corps projects and the support and cooperation that has been provided for this study. Please call me (208 885-7614 or 208 301-0809) if you have questions regarding our activities, or if you need additional information.

Sincerely,



Christopher Caudill