



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

March 12, 2018

Christopher Caudill, Ph.D.
University of Idaho
Post Office Box 441136
Moscow, Idaho 83844-1136

Dear Dr. Caudill:

This is in response to your February 16, 2018 letter requesting approval for access to Bonneville Dam's Adult Fish Facility (AFF) and Fingerling Experimental Research Laboratory (FERL) to conduct studies of Pacific Lamprey migrations at Bonneville Dam in 2018.

It is understood that there are four main activities associated with your Corps funded research at Bonneville Dam for 2018. These activities 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 fish way entrances.
- 3) Evaluate the effects of exercise history on Lamprey swimming performance using an experimental flume in the AFF.
- 4) Evaluate the overall FCRPS passage performance and fate of adult Lamprey.

With respect to the work outlined above, your request is generally approved, provided you are able to obtain all necessary ESA and state permits. No work may begin until permits, or an explanation as to why permits are not required, are on file with Mr. Bissell, Brian.M.Bissell@usace.army.mil and Ms. Erin Kovalchuk, Erin.H.Kovalchuk@usace.army.mil.

Prior to beginning work, please arrange a meeting with Mr. Brian 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, please work to ensure good communication and cooperation between agencies and organizations.

A copy of this letter has been posted to NWP 2018 Access Responses found at <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/NWP%20Research/Research.html>
If you have questions regarding this correspondence, please contact Mr. Bissell via e-mail or by phone.

Sincerely,

Tony R. Kirk
Operations Project Manager
Bonneville Project

CENWP STAFFING SHEET

Office Symbol: CENWP-ODB

DATE: 12 March 2018

SUBJECT: Approval letter for Dr. Chris Caudill – University of Idaho

DESIRED ACTION: Requires OPM Signature

RETURN TO: Please send a copy of the scanned, signed letter to Erin.H.Kovalchuk@usace.army.mil and copy Brian.M.Bissell@usace.army.mil. Call Brian Bissell (541) 374-7984 if there are any questions.

- DETAILED SUMMARY:
1. Purpose: To allow researchers access to Bonneville Project.
 2. History: Reviewed by Bonneville Fisheries and the Bonneville Safety Officer.
 3. Reason: To permit Lamprey research at Bonneville Project.

REMARKS:

| | Initial/Date | Name/Office Symbol |
|-------------------|----------------------|--------------------------------|
| Non-Concur/Concur | Concur BMB 3/1/18 | Bissell, Brian CENWP-ODB |
| Non-Concur/Concur | Concur RW 3/6/18 | Walker, Ricardo CENWP-PME |
| Non-Concur/Concur | Concur JR 3/1/18 | Rerecich, Jon CENWP-PME |
| Non-Concur/Concur | Concur BE 3/6/18 | Eppard, Brad CENWP-PME |
| Non-Concur/Concur | Concur EK 3/1/18 | Kovalchuk, Erin CENWP-ODT-F |
| Signed | Concur <i>TRK</i> | Kirk, Tony CENWP-ODB |