



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, PORTLAND DISTRICT
PO BOX 2946
PORTLAND OR 97208-2946

4 March 2014

Operations Division

Christopher C. Caudill, Ph.D.
PO Box 441136
Moscow, ID 83844-1136

Dear Mr. Caudill:

This is in response to your January 21, 2014 letter requesting approval for access to Bonneville Dam (BON) fishways and the Adult Fish Facility (AFF) to continue your studies of fish migrations. It is understood that your letter also covers joint activities shared by NOAA Fisheries personnel. Your activities include the following components:

- a. Trapping, radio-tagging adult salmonids and steelhead, and releasing them downstream from the dam.
- b. Trapping and half-duplex (HD) PIT-tagging and radio-tagging lamprey to evaluate newly-installed lamprey passage structures within the fishways and to evaluate their general migration patterns through the lower Columbia River.
- c. Conducting swimming performance trials with lamprey in the experimental flume housed in the AFF.
- d. Downloading and maintaining radio and HD PIT receivers. University of Idaho will coordinate with Corps personnel on the placement and maintenance of telemetry/HD PIT equipment on Corps property.
- e. Operating DIDSON cameras to evaluate lamprey behavior near fishway openings.
- f. Operating IR cameras to evaluate lamprey behavior in the serpentine section of the Bradford Island ladder.
- g. Collecting and transporting adult lamprey collected at the terminus of the new lamprey flume system at the NDE of Powerhouse 2.
- h. Continued monitoring of adult lamprey JSATS-tagged in 2013, including the potential need for access to the tailrace BRZ. Previously-tagged lamprey captured at the dam will be released with minimal handling.
- i. Trapping, JSATS tagging, and PIT-tagging adult shad from the AFF flume.

Note: As always, you are required to follow all protocols found in the 2014 Fish Passage Plan (FPP) Appendix G. In addition, you will need to comply with all reporting requirements found in the 2014 FPP section BON 3.3.3.

With respect to the activities outlined above, your request to access BON for fish collection, tagging, and monitoring is generally approved.

No work may begin until all necessary permits, or an explanation as to why permits are not required, are on file with the Mr. Andy Traylor and Ms. Tammy Mackey.

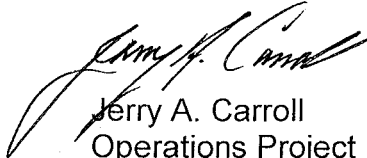
Prior to beginning work, please arrange a meeting with Mr. Traylor, 541-374-4020. You will need to provide a Project impact statement, job hazard analysis, copies of permits, and a personnel list. Please send electronic copies of these documents to Mr. Traylor, Andrew.W.Traylor@usace.army.mil and to Ms. Mackey, tammy.m.mackey@usace.army.mil.

Please remain in contact with Mr. Traylor 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 2014 Access Responses found at: <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/NWP%20Research/2014%20NWP%20Access/>.

If you have questions regarding this correspondence, please contact Mr. Traylor via e-mail or by phone, at 541-374-4020.

Sincerely,



Jerry A. Carroll
Operations Project Manager
Bonneville Lock and Dam

CENWP STAFFING SHEET

RTAO: Andrew Traylor, CENWP-OD-B

DATE: 4 March 2014

SUBJECT: Approval letter for Chris Caudill – University of Idaho

DESIRED ACTION: Requires OPM Signature

RETURN TO: Andrew Traylor or call 541-374-4020 if there are questions.

MFR: Please send a copy of the scanned, signed letter to Tammy.m.mackey@usace.army.mil and CC Andrew.w.traylor@usace.army.mil.

REMARKS:	Name of author	CENWP-OD-B
	Non-concur/concur Concur 1/28/14 AWT	Project Fisheries CENWP-OD-B Traylor, Andy
	Non-Concur/Concur Concur 2/6/14 NAZ Concur 2/12/14 JGR	NWP Fish Passage PM-E Zorich, Nathan Rerecich, Jon
	Non-concur/concur Concur 1/29/14 TMM	NWP Fish Section CENWP-OD-TF Mackey, Tammy
	Non-Concur/ Concur	Operations Manager CENWP-OD-B Carroll, Jerry
	Scan and file	Admin CENWP-OD-B Kiyokawa, Nancy