



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

March 11, 2019

Janine Bryan
Whooshh Innovations, Inc.
Pier 91 – Port of Seattle, Bldg. 156
2001 West Garfield Street
Seattle, WA 98119

Dear Ms. Bryan:

This is in response to your November 19, 2018 letter requesting approval for access to Bonneville Dam's Adult Fish Facility (AFF). In the AFF you plan to evaluate your proprietary scanning technology by photographing fish that bypass through "lane 2" or the south flume. Prior to Columbia River Inter-Tribal Fish Commission's (CRITFC) sample season, construction activities will occur requiring removal of features and structures in the AFF as well as use of the overhead gantry crane.

It is understood that final approval will be contingent upon a post-construction inspection by FPOM and Bonneville Project Fisheries. It is also understood at the conclusion of this study (spring to fall 2019), Whooshh Innovations will ensure the AFF is returned to its original configuration.

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. Brian Bissell and Ms. Erin Kovalchuk.

You will be required to follow all protocols found in the current Fish Passage Plan (FPP) Appendix G - Protocols for Adult Fish Trapping Operations,
http://pweb.crohms.org/tmt/documents/fpp/2019/changes/FPP19_AppG_draft.docx.

Additionally, you along with any contractors will be required to follow all protocols found in the US Army Corps of Engineers EM-385-1-1,
https://www.publications.usace.army.mil/LinkClick.aspx?fileticket=AP_WOXMIZL4%3d&tabid=16439&portalid=76&mid=43544.

Prior to beginning work, please arrange a meeting with Mr. Bissell (541) 374-7984, brian.m.bissell@usace.army.mil. 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. In addition to coordinating with Project Fisheries, you will also coordinate activities at the AFF with CRITFC, Mr. John Whiteaker, whij@critfc.org.

A copy of this letter has been provided on <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 or by phone.

Sincerely,

Michael D. Adams, P.E.
Operations Project Manager

CENWP STAFFING SHEET

Office Symbol: CENWP-ODB

DATE: 19 February 2019

SUBJECT: Approval letter for Whooshh Innovations, INC., Janine Bryan.

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 Mr. Bissell (541-374-7984) if there are 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 research at Bonneville Project.

REMARKS:

Please send a copy of the scanned, signed letter to Brian.M.Bissell@usace.army.mil and copy Erin.H.Kovalchuk@usace.army.mil

	Initial/Date	Name/Office Symbol
Non-Concur/Concur	<u>BMB / 02.19.19</u>	Bissell, Brian CENWP-ODB
Non-Concur/Concur	<u>EK / 02.19.19</u>	Kovalchuk, Erin CENWP-ODT-F
Signed	Concur	Adams, Michael CENWP-ODB