



Hanmi Global Partner

11241 willows road ne, suite 200 • redmond, washington 98052

(425) 822-4446 • fax (425) 827-9577

www.otak.com

November 7, 2017

U.S. Army Corps of Engineers
Regulatory Branch
Attn: Clinton Brandon, Project Manager
P.O. Box 3755
Seattle, WA 98124-3755

Re: NWS 2017-529 Zackuse Creek Fish Passage Project

Dear Mr. Clinton:

The City of Sammamish proposes a project to improve fish passage and spawning habitat for native kokanee salmon in Zackuse Creek. Project elements will involve replacing three culverts with stream-simulation designed culverts, realigning the existing stream for 400 linear feet of Zackuse Creek, and placing appropriate spawning gravels and large wood in the realigned portion of the stream.

Enclosed with this letter is a technical memo and revised JARPA drawings. Several design changes have occurred since the initial JARPA and Specific Project Information Form (SPIF) submittal in May 2017 as the project has moved from 30% to 90% design. The design changes are summarized below. The overall project elements remain the same, including replacement of three partial or complete fish passage-blocking culverts with stream simulation-designed culverts, realignment of Zackuse Creek to provide improved fish passage and spawning habitat, and placement of instream habitat features such as large wood and spawning gravels to improve habitat complexity.

Changes to the bridge and project design from the May 2017 JARPA submittal include:

- Increase in large wood to be placed in Zackuse Creek.
- Clarification of quantities for conversion of wetland to stream habitat.
- Alteration of installation for stream simulation-designed culvert under East Lake Sammamish Parkway.

- Modifications to permanent wetland impacts for roadway safety.

If you have any questions about the submitted permit application (revised) and supporting documents, please contact me (Authorized Agent) at (253) 880-4867 or kevin.obrien@otak.com, or Tawni Dalziel (Applicant) at City of Sammamish Public Works at 425-295-0567 or tdalziel@sammamish.us. We look forward to working with you on the proposed project.

Sincerely,

Kevin O'Brien
Otak, Incorporated

Attachments: Technical Memorandum and Revised JARPA Drawings (1 set of hard copies)

Cc: File (Otak Project #32794)
Tawni Dalziel