



Memorandum

Date: October 12, 2017

To: Department of Community Development

From: Tawni Dalziel, P.E., Sr. Stormwater Program Manager

Subject: Zackuse Creek Fish Passage and Stream Restoration Project – Project Narrative

Project Description

The City of Sammamish Public Works Department is designing and constructing the Zackuse Creek Fish Passage Project. The project intends to improve fish passage and spawning habitat for native kokanee salmon in Zackuse Creek. There are two components for this project. The first component will replace three partial fish passage concrete culverts with fish passable culverts. The second project component is to restore an unstable portion of Zackuse Creek in order to create enhanced stream channel morphology that is better suited for kokanee spawning and rearing habitat. The project will improve fish passage within Zackuse Creek by improving fish access and increasing available aquatic habitat.

The project includes work on both private property and public right of way. The three culvert replacements are planned in the following locations 1) East Lake Sammamish Parkway, approximately 900 ft south of its intersection with Louis Thompson Hill Road, 2) King County Parks East Lake Sammamish Trail - Tax Parcel 3225069015, 3) East Lake Sammamish Shore Lane - Tax Parcel 1738700085 (Weber), and 4) East Lake Sammamish Shore Lane – Tax Parcel 1738700090 (Ivanhoff). Additional private property work will be completed on Tax Parcels 3225069021 (Pereyra) and 3225069277 (Pereyra) for the stream restoration portion of the work.

Public and Stakeholder Outreach

July 5, 2016	Property Owner Wally Pereyra project scoping meeting
July 28, 2016	Stakeholder meeting with King County, Snoqualmie Tribe, Kokanee Work Group, Trout Unlimited, property owner Wally Pereyra, property owner Gary Mahn
September 26, 2016	Eden Glen HOA meeting
October 19, 2016	Stakeholder meeting with King County Parks, King County DNRP, Kokanee Work Group, Trout Unlimited, Snoqualmie Tribe, Muckleshoot Tribe (Warren King George)
December 5, 2016	Stakeholder meeting with King County DNRP, Kokanee Work Group, Trout Unlimited, Snoqualmie Tribe, Sammamish Arts Commission

March 2, 2016	Field meeting with stakeholders and reviewers – King County Parks, Washington Department of Fish and Wildlife, Snoqualmie Tribe, Muckleshoots Tribe Fisheries (Karen Walters)
March 29, 2017	Public Meeting No 1
January 2017	Public Meeting No 2 to be scheduled

Schedule

The Department is prepared to start construction in June of 2018, given a fish passage window from July 1 to September 30. We expect project completion by October 2018.

Fish Enhancement Project

The Zackuse Creek Fish Passage and Stream Restoration Project is a City of Sammamish sponsored stand-alone fish habitat enhancement project funded by the City of Sammamish and King County Parks, as well as grants from the King County Flood Reduction Program, King County Executive Council Water Works, and the King County Sub-regional Opportunity Fund.

This project is identified by the Lake Sammamish Kokanee Work Group (*Blueprint for the Restoration and Enhancement of Lake Sammamish Kokanee Tributaries, 2014*) as a habitat restoration action that will directly contribute to the recovery of kokanee salmon in Lake Sammamish. The project has the potential to both reintroduce kokanee into Zackuse Creek and promote the establishment of a self-sustaining population. The project is also identified in the City of Sammamish's *Storm and Surface Water Management Comprehensive Plan (2016)* and *Six Year Stormwater Capital Improvement Plan*.