

Update December 29, 2020

Hello,

We would like to share the latest developments for the South Fork Nooksack River Fish Camp (Ts'eq) Reach Integrated Design Project:

First, we want to apologize for the delay in updating you all on this project. Like many of you, Covid-19 drastically upended our schedules. We want to assure everyone that we are currently focusing our efforts on this project and have updates on progress made since our last update.

As a refresher, we formed several [Design Concept Zones & Ideas](#) at the beginning of this year which were informed by input we received at our first community workshop on June 27, 2019. Using the *Concept Zones & Ideas* as a foundation, we developed specific design elements (such as “lower a levee here” or “add a flood berm here”) in each zone to model separately so we could see how each individual design element influenced the hydraulics in the Acme area. We then selected and combined the design elements that showed the greatest flood benefit potential and incorporated habitat features to assess potential flood and salmon habitat benefits simultaneously through hydraulic modeling. We called these combinations of elements “*Options*” and developed and modeled three separate *Options* to assess how multiple elements interact.

The design team used the modelling results from the three *Options* to form three *Draft Design Alternatives* which will be finalized and modelled by the end of December. These *Draft Design Alternatives* are comprised of the concepts and design *Elements* that show the greatest combined benefits for flood reduction, erosion mitigation, and habitat. The framework for the *Draft Design Alternatives* is summarized below.

Alternatives Framework*			
Design Element Objective	Alternative 1	Alternative 2	Alternative 3
Flooding Hazards	Some	Many	All
Habitat Needs	Some	Many	All
Erosion Elements	Some	All	All
Acme Berm Height	No Berm	10-year flood	100-year flood

*The Design Alternatives were developed by putting pieces of the elements modeled in the "Options" together. The Alternatives increase in complexity (constructability, cost, landowner willingness, etc.) from Alternative 1 to 3, with Alternative 1 being the least complex with the least design elements to Alternative 3 being the most complex with the most design elements. The table indicates the relative number of elements that are included in each Alternative (for example "some" means there are fewer elements included than "Many" or "All").

Please visit the project [Webpage](#) for more details about the design team’s work to date.

A second community workshop will be scheduled during the last week of January, 2021 to share the three *Draft Design Alternatives* along with the hydraulic modeling results for each, and to

review the *Alternative's Evaluation Criteria*, which will be used to select a preferred alternative. **Workshop participants will have an opportunity to ask questions, provide feedback and make suggestions to the project team.** The final alternative will not be selected without stakeholder input.

The workshop will be held online due to the COVID-19 pandemic. It will also be recorded to ensure those who are unable to attend can view the presentation and provide feedback after the workshop.

Please look out for another e-mail from us with all of the details for this workshop including information on how to RSVP.

Thank you for your patience and for staying engaged throughout this design development process. Please don't hesitate to reach out with any questions.

Thank you,

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