

# DeBay Slough Feasibility Study

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UPDATE #1

January through May 2022

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## OVERVIEW

Skagit County owns and maintains DeBay Isle Road which leads to Washington Department of Fish and Wildlife property. The road has a culvert that has been identified as a barrier to fish passage. DeBay Slough, a tributary to the Skagit River, is a relic oxbow of the Skagit River. The property is surrounded by public and private lands.

This phase of the project (County project WA402242) will complete a feasibility for the site. Funding has been awarded from the Washington State Salmon Recovery Funding Board (PRISM #20-1367).

For more background or funding information see the [Project Website](#).

## UPDATE

- *Background Data Collection* –
  - Winter wildlife monitoring completed **Wednesday, January 26<sup>th</sup>** and **Thursday, February 17<sup>th</sup>**
  - Spring wildlife monitoring completed **Tuesday, May 17<sup>th</sup>**.
  - Bathymetry and Topographical survey completed
  - Water surface elevation gages reinstalled and collecting data.
  - Water quality data compiled from past County efforts.
- *Design* –
  - Existing conditions hydraulic model development
  - Site assessment summary memo preparation on-going as data collection tasks are completed
- *Communication and Stakeholder Outreach* –
  - The [Project Website](#) website is up.
  - The first virtual workshop was held:
    - **Wednesday, January 26<sup>th</sup>**

## UPCOMING

- Complete modeling of existing conditions and selection of modelled flows
- Second wildlife monitoring scheduled for June 8<sup>th</sup>.
- Second virtual workshop in August
- Development of potential actions and evaluation criteria
- Proposed condition hydraulic modelling
- Evaluation of actions against criteria and development of conceptual alternatives
- Completion of conceptual alternatives
- Fish Use Survey