Duckabush Estuary Restoration
Supplemental Environmental Impact Statement

Scoping Meeting
July 13, 2019 | Brinnon School
Today’s Agenda

9:30    Open House
10:00   Presentation
10:20   Oral Public Comment
10:50   Open House
11:30   Adjourn
Presentation Outline

• Introductions
• Description of Duckabush Estuary Restoration Project
• Description of SEPA and Process
• Public Comment
Duckabush Estuary
Project Partners

US Army Corps of Engineers®
Seattle District

Washington Department of FISH and WILDLIFE

Washington State Department of Transportation
Project Background

Puget Sound-wide study of shorelines.

• How has it changed?
• Does change cause problems?
• Can we improve it?

Purpose:
“...restore the natural processes in the nearshore zone that sustain the biologic, economic, and aesthetic resources important to the people of the Puget Sound region and the nation...”

Duckabush Estuary was one of 36 places in Puget Sound identified for future habitat restoration.
Project Information

Project Objectives

• Reconnect and restore lost *tidally influenced areas* including estuarine and freshwater tidal wetlands.

• Re-establish *distributary channels* to promote greater diversity of delta wetland habitats.

• Restore *mudflats* and *salt marsh*.

Site Statistics

Removes: *1,270 lineal feet of tidal barrier, roadway, & shoreline armor*

Restored: *38 acres of tidal marsh*
Why Restore Estuaries?

Achieving these objectives restores elements of an estuary so it can function better. Estuaries support many things people care about including:

- **Habitat** for fish, birds, shellfish & wildlife
- A source of **nutrients** and prey into the food web
- Pollutant **filtration** for improved water quality
- Area to **absorb flood waters**

Across Puget Sound over 55% of estuary wetlands have been lost.
Design Concept

Construct new highway
Design Concept

Remove old highway
Design Concept

Remove levees (training berms)
Design Concept

Recreate Channels

Excavate Pierce Slough
Modify Culverts
Install Log Jams
Revegetate
Install Roadway, Abutment and Modify Culvert
Excavate Channels
Modify Road and Intersection
New Highway 101 Bridge
Remove Highway 101 and Bridges
Remove Training Berms
Design Concept

Local roadway modifications
Activities
State Environmental Policy Act

• Review process to understand how a government action would affect the environment
• If project will have “a probable significant, adverse environmental impact” an Environmental Impact Statement (EIS) is prepared
• Encourages public involvement in process

To date WDFW has:
• Issued a determination of significance
• Issued a notice of adoption of an existing EIS
• Announced intent to complete a Supplemental EIS (SEIS)
• Scheduled today’s public scoping meeting
Public Comment:
Two opportunities for comment submittal during the Environmental Review process
## How to Submit Comments

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<td>Mail</td>
<td>Lisa Wood, SEPA/NEPA Coordinator</td>
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<td>WDFW Habitat Program, Protection Division</td>
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**Oral comments can be provided today**

and please provide a written version of your comment.
Oral Public Comment