



# **Beneficial Use of Dredged Material Pilot Project: Maulsby Saltmarsh**

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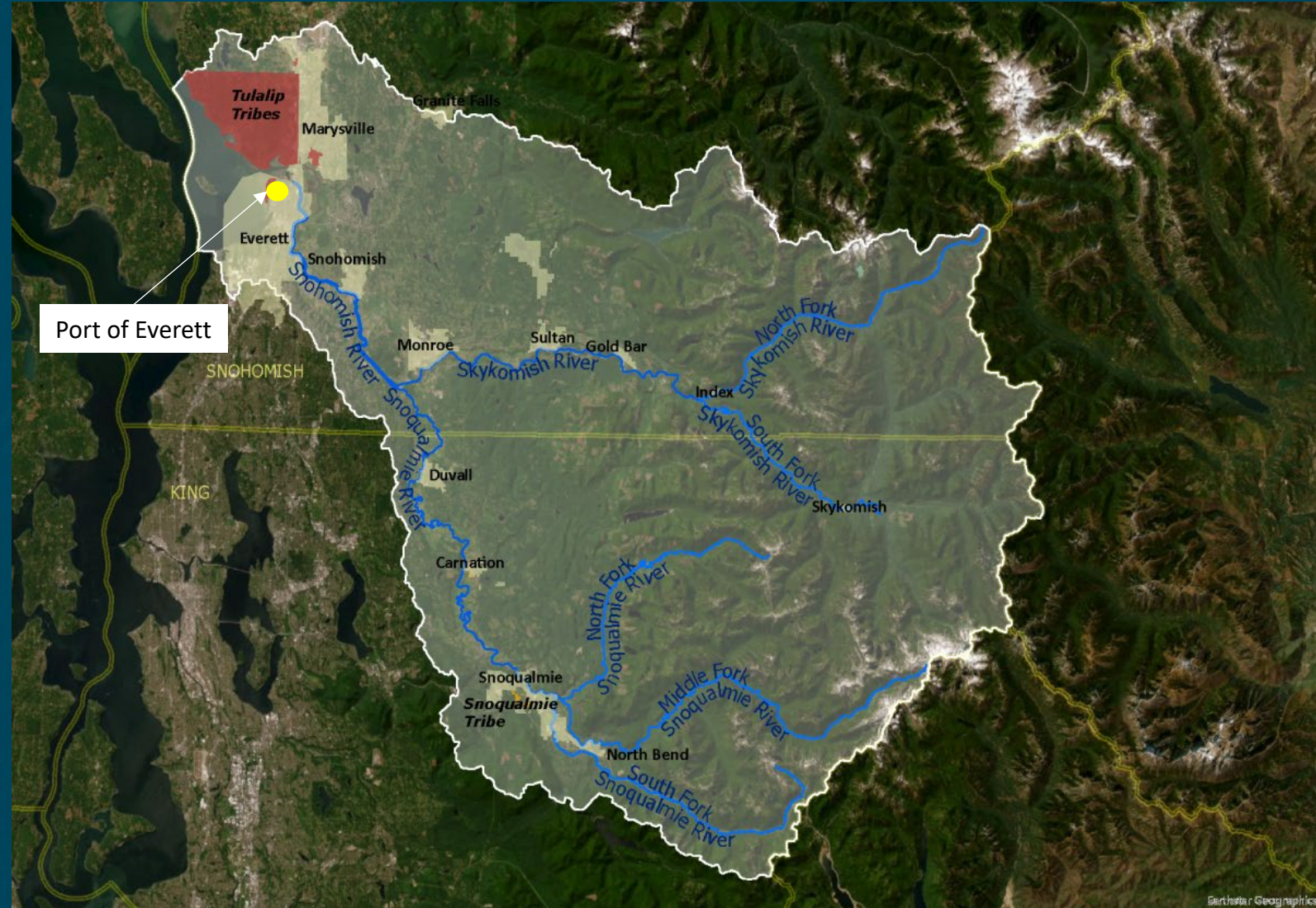
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Port of Everett**



# Snohomish River Watershed (WRIA 7)

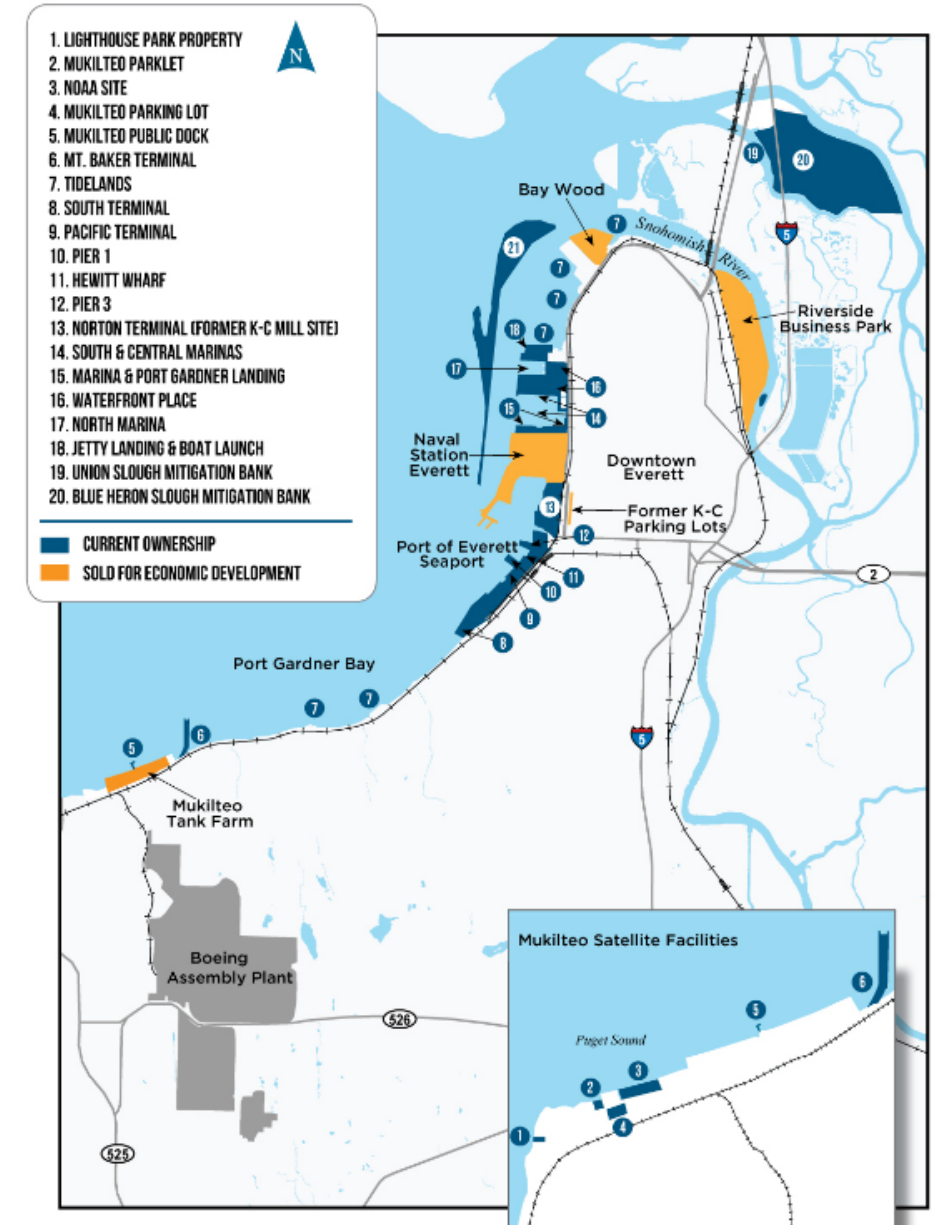
- ✓ ~1,850 square miles
- ✓ 2,718 miles of stream
- ✓ 2<sup>nd</sup> largest basin draining to Puget Sound
- ✓ Produces between 25-50% of Coho Salmon in the Puget Sound.
- ✓ ~550,000 Tons of Suspended Sediment Annually



# Port of Everett Properties

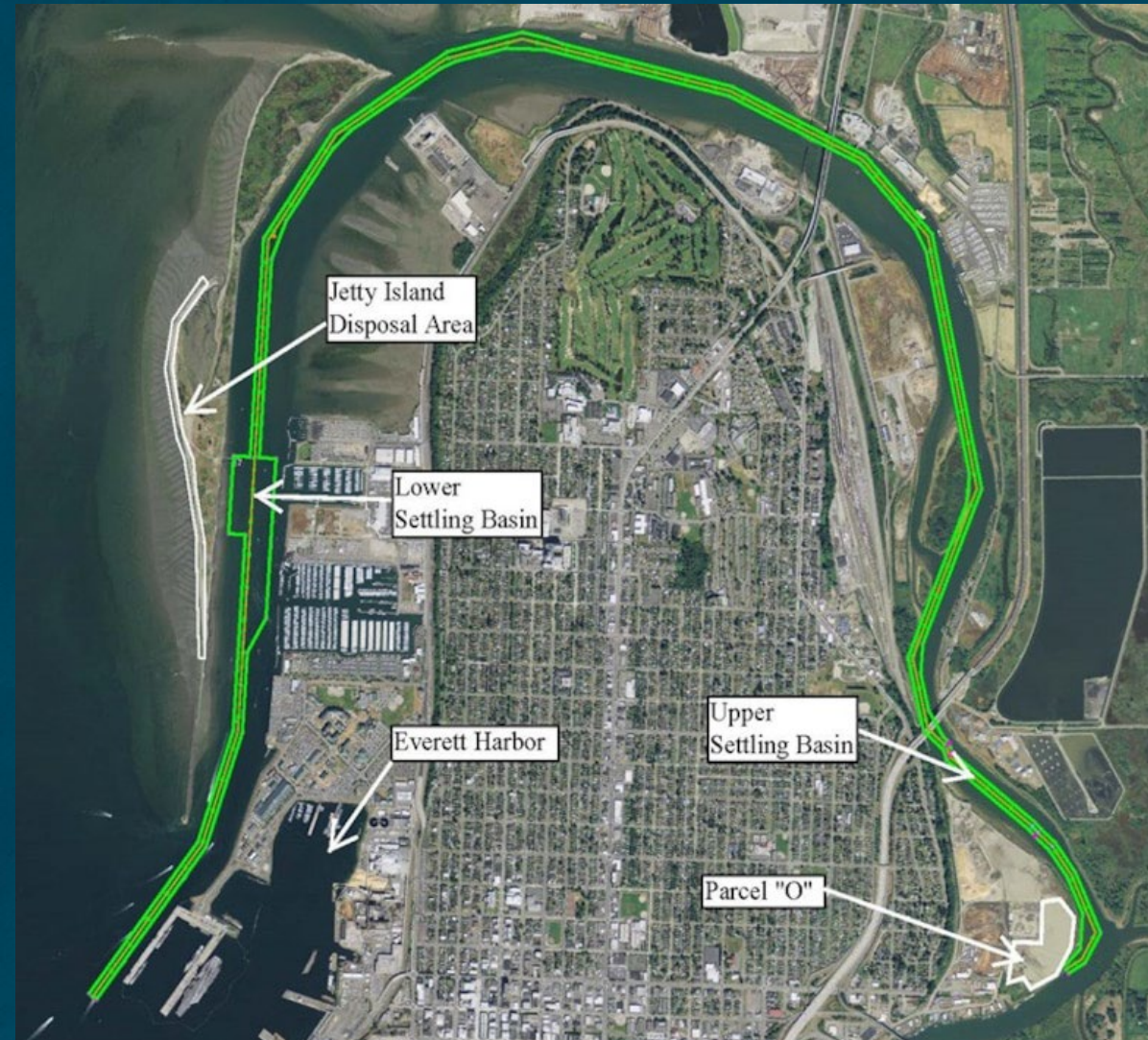
- ✓ 2,300 moorage slips
- ✓ 10-lane boat launch
- ✓ International Seaport
- ✓ 353 Acre Mitigation Bank (8,700 DSAYs)

## Port of Everett Properties and Facilities



# Corps Federal Navigation Channel

- ✓ Consists of an Upper and Lower Settle Basin in addition to the main channel.
- ✓ Upper settling basin dredge material placed upland on Parcel "O" – beneficially reused.
- ✓ Lower settling basin + main channel primarily placed in open water disposal.



# What Do We Know?

- ✓ In 2023, the Corps introduced a goal of achieving 70% beneficial reuse of dredge material by 2030 & most dredge material from the Snohomish River is disposed of in open water.
- ✓ Open water disposal is costly and often limits the volume of dredge material removed during maintenance dredging, impacting downstream Port facilities.
- ✓ Parcel O may not be a viable upland placement site in the near future.



Puget Sound

Jetty Island

Snohomish River

Port Owned  
Tideland (+/-  
175 ac)

Tenth St. Boat  
Launch Park

Everett

Everett

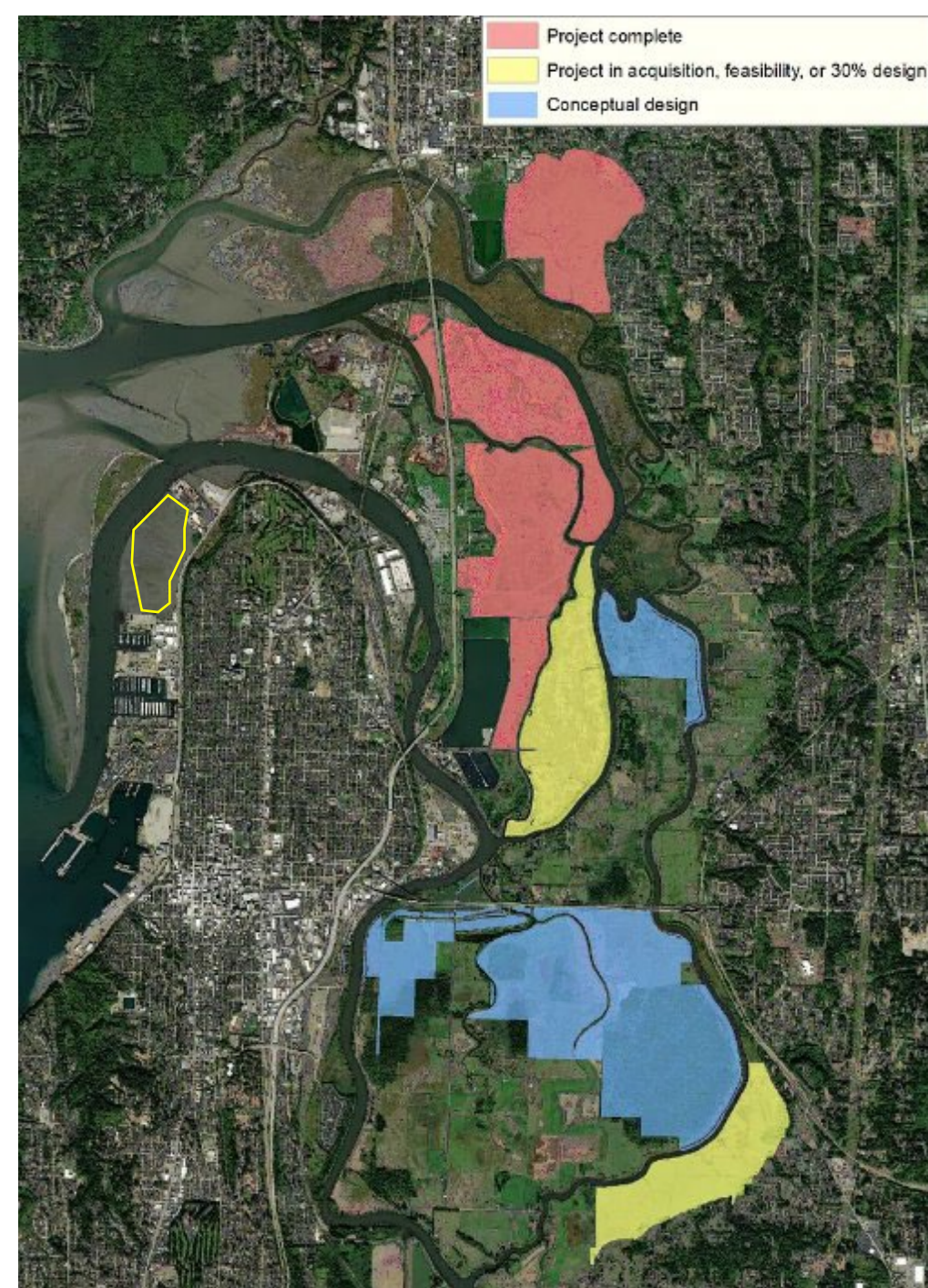
529

State Route 529

Snohomish River

# Restoration Efforts in the Snohomish River Estuary

- ✓ Snohomish River estuary restoration projects led by the Port of Everett, Snohomish County, state, and tribes in Snohomish County.
- ✓ Existing projects have focused on the sloughs, with limited restoration in mainstem, forcing juveniles to find the sloughs.
- ✓ Proposal area focuses on “last mile” rearing, foraging, resting area for juvenile salmon in mainstem (proposed project location outlined in yellow).



# **Beneficial Use of Dredge Material Workgroup**

## Strategic Alignment of Key Stakeholders / Committee Members:

- ✓ **Corps** – opportunity to help meet their goal of 70% of maintenance dredged material going to beneficial use
- ✓ **US EPA, WDFW, DNR, ECY** – increased habitat value for salmonid recovery, and indirectly benefitting orca recovery
- ✓ **Tulalip Tribes** – creation of habitat for salmonids to provide food source for orcas and support of culturally significant fishery
- ✓ **City of Everett** – enhanced protection of City owned shoreline and SR 529 decreases maintenance costs; enhanced public access to shoreline for public benefit

# Vision

- ✓ Increase elevations sufficient to grow saltmarsh vegetation (increase habitat value)
- ✓ Soften existing armored shoreline
- ✓ Dissipate storm energy to reduce erosion and protect HWY 529
- ✓ Public access beach







Figure 1: Overall conceptual plan for beneficial use of dredged material for Everett Salt Marsh habitat creation.

# QUESTIONS?

