WASHINGTON STATE DEPARTMENT OF ECOLOGY
with the Department of Enterprise Services

DESCHUTES ESTUARY
Restoration Project

The Deschutes Estuary Restoration Project will remove a dam and restore 260 acres of historic estuarine and salt marsh habitat across 2 miles in South Puget Sound.

The project is located along the shoreline of Olympia, at the footstep of the Washington State Capitol Campus, and within the Usual and Accustomed Fishing Grounds of the Squaxin Island Tribe.

FISH & WILDLIFE — Restores estuarine habitat that is critical to growth & development of ESA-listed salmon

CLIMATE RESILIENCY — Lowers flood elevations by 1-ft across downtown Olympia & is a critical step in SLR resiliency

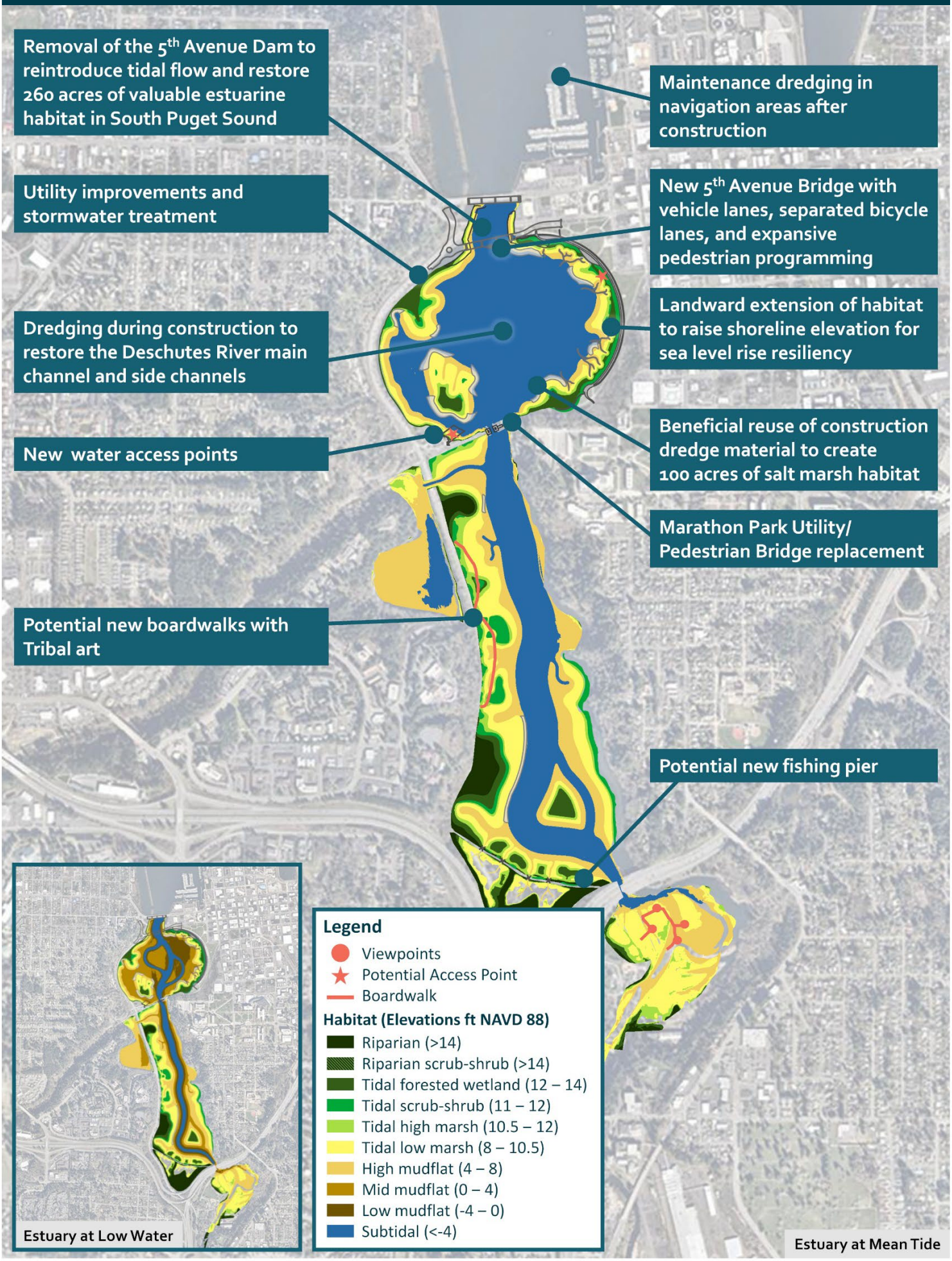
WATER QUALITY — Addresses chronic water quality violations in Budd Inlet & responds to Ecology-issued TMDL

TRANSPORTATION — Constructs a new 5th Avenue Bridge with separated vehicle, bike, and pedestrian lanes

RESTORATIVE JUSTICE — Makes meaningful strides toward restorative justice for the Squaxin Island Tribe

PARTNERSHIP — Partners with other regional projects led by the City of Olympia, Port of Olympia, & LOTT

Deschutes Estuary Restoration Project Conceptual Overview



2023	2024	2025	2026	2027 – early 2030's (~6 years)
Conceptual & 30% Design Processes		**60% Design & Permitting**	**90% & Final Design Processes**	**Project Construction:** Dredging & Habitat Creation, New 5th Avenue Bridge & Roadway, Utilities & Stormwater, Water Access Opportunities, Dam Removal

Key Partners in Design Review Roles: Squaxin Island Tribe, Washington State Department of Fish and Wildlife, City of Olympia, City of Tumwater

Close Engagement & Other Contributions by: Port of Olympia, LOTT, Thurston County, Community Sounding Board, Local Marinas, Local Non-Profits, Capitol Campus Design Advisory Committee & State Capitol Committee, and the Community

CONCEPTUAL RENDERINGS

New 5th Avenue Bridge & Restored Deschutes Estuary

North Basin Restoration at Mean Sea Level

Partnering with Local Jurisdictions to Benefit South Puget Sound and the Community

The Deschutes Estuary Restoration Project will increase the benefits provided through regional efforts led by the Port of Olympia, City of Olympia, and LOTT Clean Water Alliance. Sediment from the estuary could support natural recovery of impacted sediment in the Port cleanup area. Dam removal will increase the effectiveness of climate resiliency adaptation across downtown Olympia and will reduce the current treatment requirements at LOTT.

Adjacent Projects Led by Key Partners

Courtesy of Port of Olympia

Budd Inlet Sediment Remediation

PORT of OLYMPIA

Founded in 1922, the Port of Olympia includes a commercial center and marine terminal. Contaminated sediment in Budd Inlet impacts marine habitat and human health and impairs maritime operations and recreational boating. The Port is seeking to remediate contaminated sediment.

King Tide 2022

Percival Landing Sea Level Rise Adaptation

CITY OF Olympia

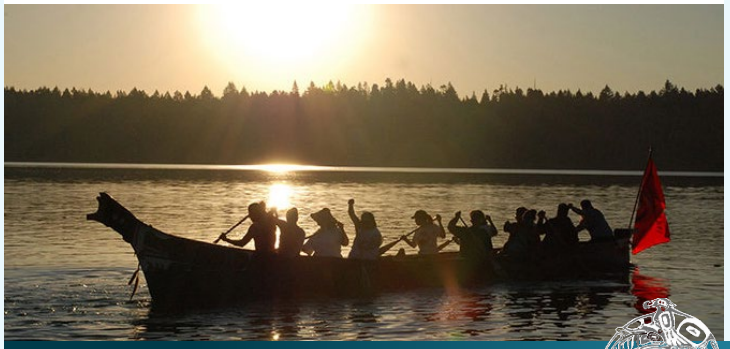
Downtown Olympia houses over 450 independent businesses and over 1,900 residents. The City will advance major coastal resilience activities at Percival Landing from its comprehensive Sea level Rise Response Plan to minimize flooding across downtown and reduce impacts to businesses, transportation, and the community.

Key Beneficiaries of Estuary Restoration

Wastewater Improvements

LOTT Clean Water Alliance

Downtown Olympia houses the Budd Inlet Treatment Plant, critical infrastructure that provides wastewater treatment for the region. Restoring the estuary will improve water quality in Budd Inlet and reduce potential flooding in downtown, therefore supporting operations at the plant.



Restorative Justice for the Squaxin Island Tribe

Squaxin Island Tribe

These projects will improve conditions for salmon and other aquatic species of cultural importance and restore access to usual and accustomed fishing areas that are currently restricted due to impaired environmental conditions caused by the dam. The living shorelines proposed will also increase biodiversity and reintroduce native plant and animal resources.

VISIT THE PROJECT WEBSITE TO LEARN MORE