

Green/Duwamish and Central Puget Sound Salmon Habitat Plan Update Approval

Transportation and Utilities Committee
Seattle City Council

December 1, 2021

Resolution Overview

Request to ratify the 2021 Update to the Green/Duwamish and Central Puget Sound Watershed or Water Resource Inventory Area (WRIA) 9 Salmon Habitat Plan, Making our Watershed Fit for a King

- The update is an addendum to the 2005 plan ratified by Council through Resolution 30824.
- The 2005 Plan served as the blueprint for salmon habitat recovery in WRIA 9 for 15 years.
- Plan Update is will be final once all partners act on it (per the bylaws WRIA 9 Ecosystem Forum bylaws).

Salmon Habitat Plan 2021 Update



MAKING OUR WATERSHED FIT FOR A KING



GREEN/DUWAMISH AND
CENTRAL PUGET SOUND WATERSHED
Water Resource Inventory Area 9 (WRIA 9)

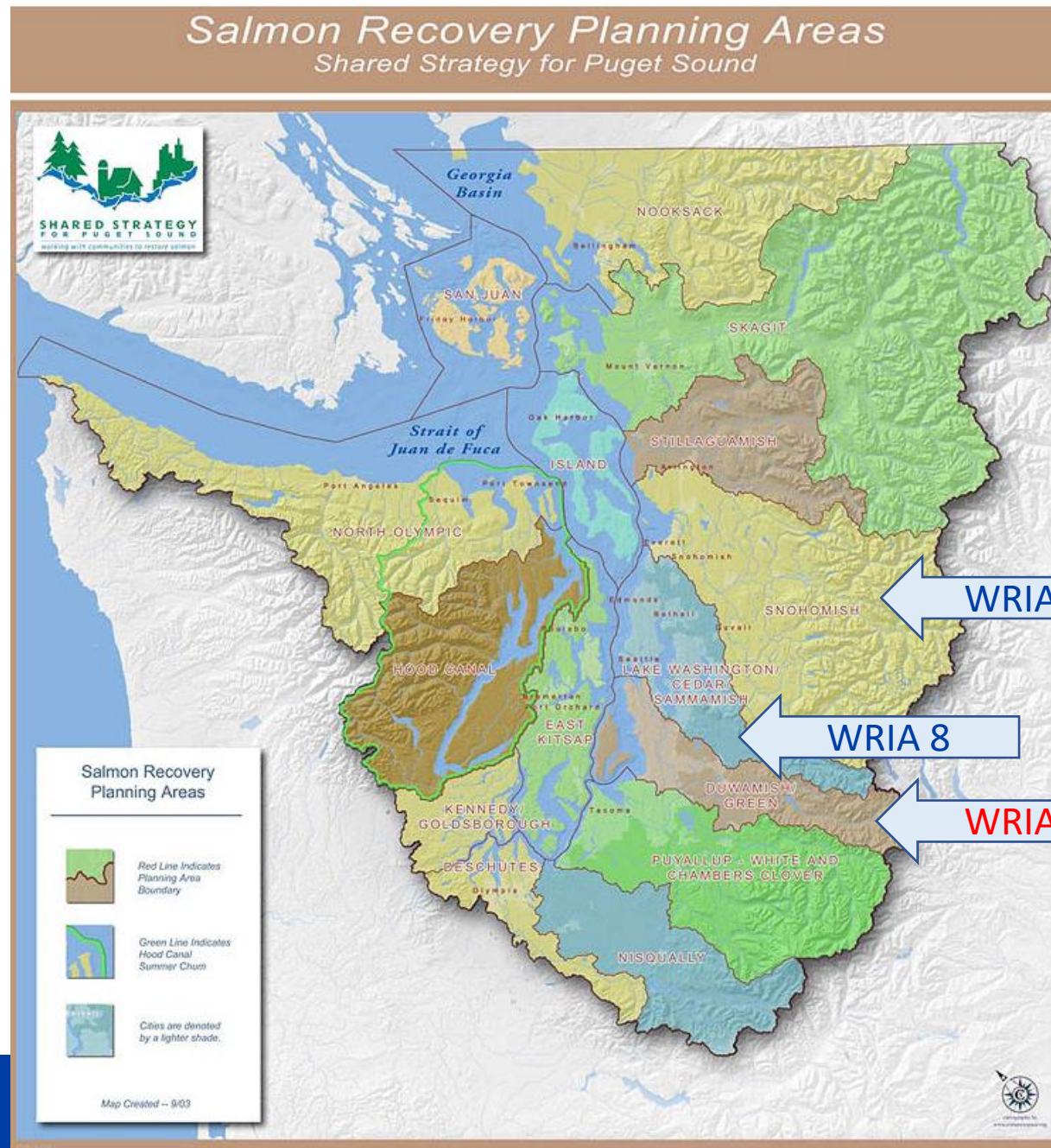
Approved by the WRIA 9 Watershed Ecosystem Forum on
February 11, 2021



Puget Sound Chinook Recovery Context

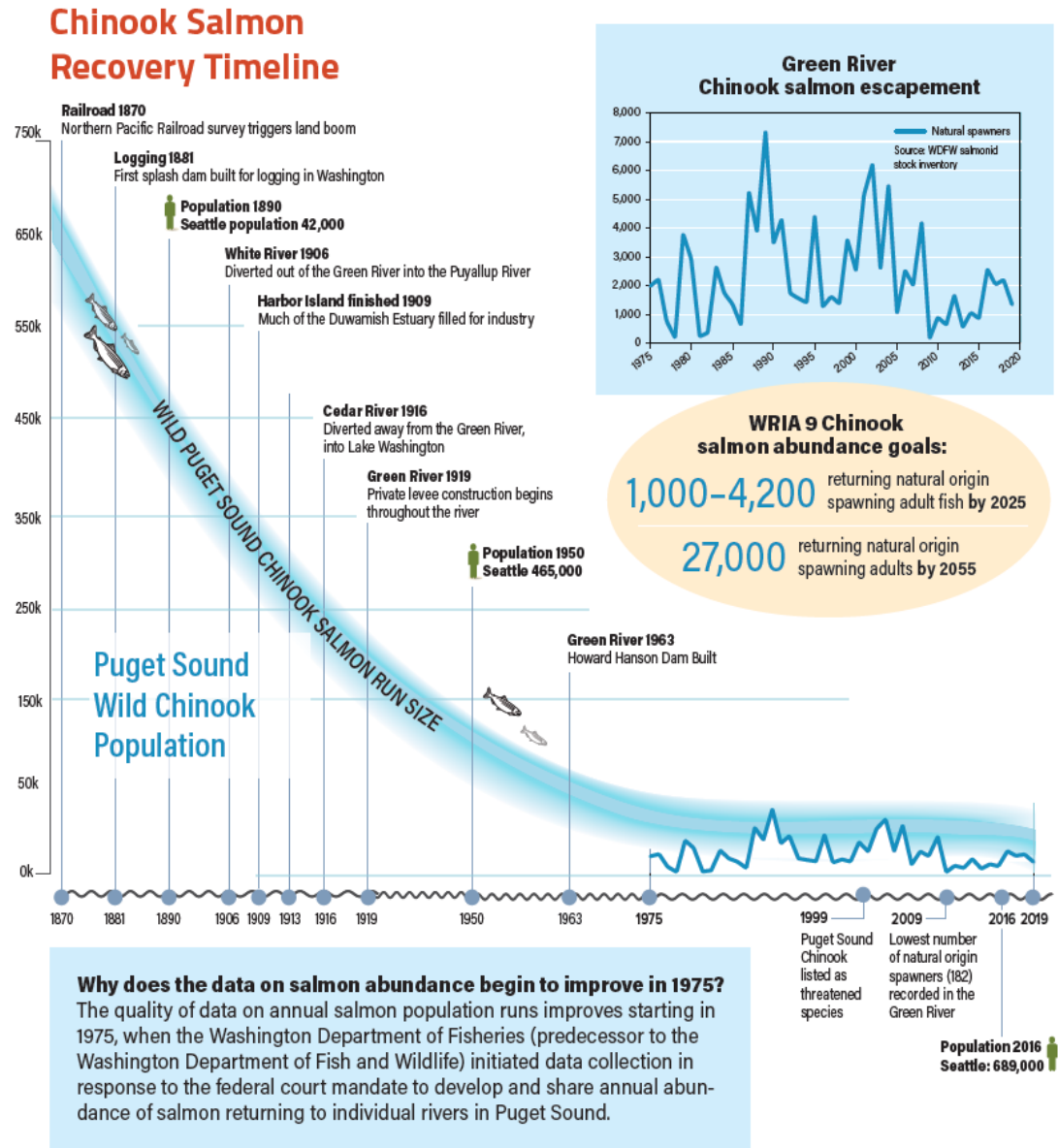
Puget Sound Water Resource
Inventory Areas (WRIAs) with
Seattle nexus

- **WRIA 7 – Snohomish Basin
River Basin**
- **WRIA 8 – Lake Washington
Cedar Sammamish
Watershed**
- **WRIA 9 – Green-Duwamish**

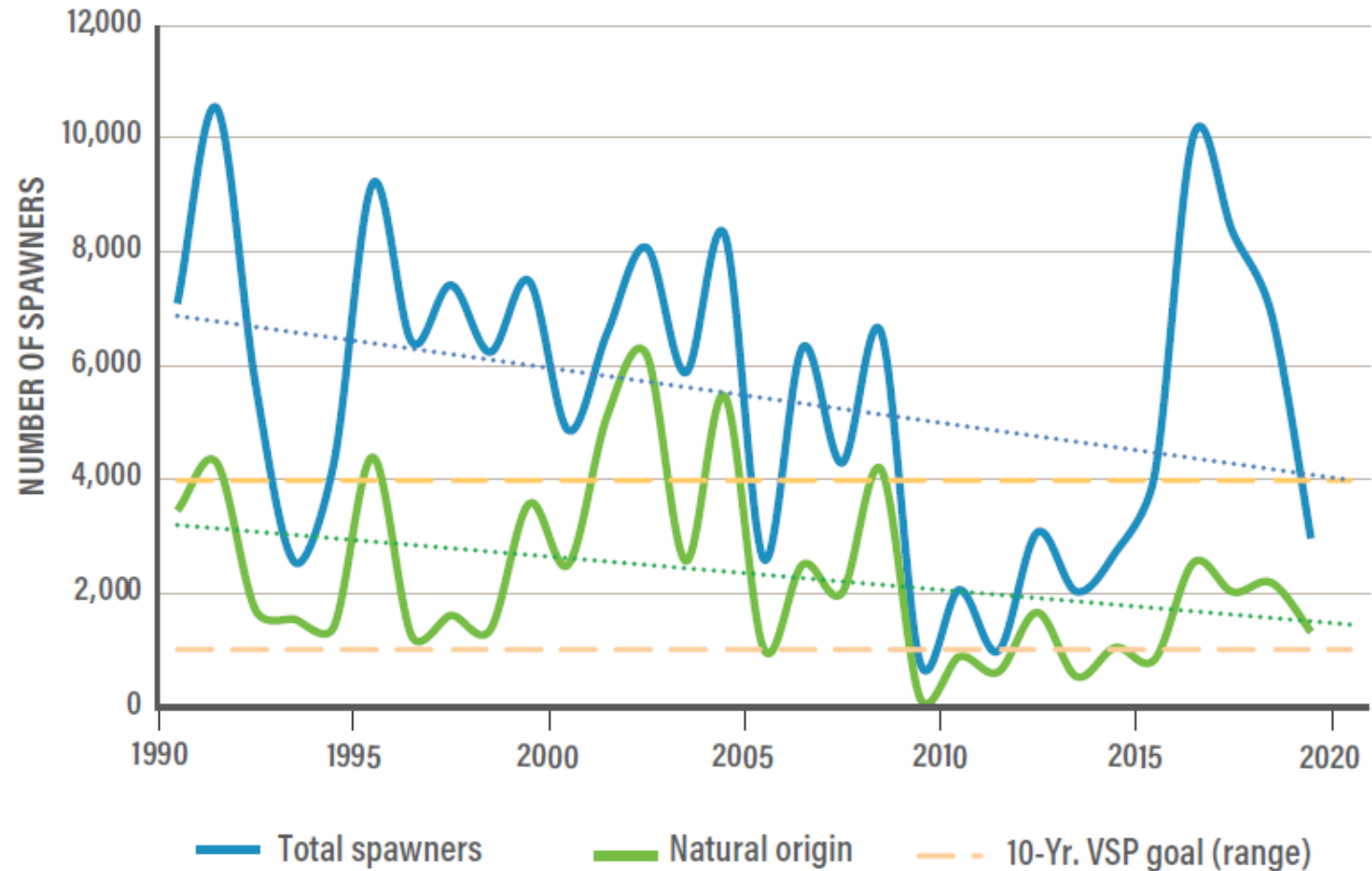


Green-Duwamish Salmon Recovery Background

- 1999 Chinook salmon listed under ESA
- 2001 WRIA 9 interlocal agreement (ILA)
- 2005 WRIA 9 Recovery Plan
- 2007 WRIA 9 ILA renewal (2007-15)
- 2007 Puget Sound Regional Recovery Plan
- 2016 WRIA 9 ILA renewal (2016-2025)
- **2021 WRIA 9 Recovery Plan Update**



Green River Chinook Salmon



Data Source: WDFW Salmonid Stock Inventory and NOAA Salmon Population Summary Database.



WRIA 9 - A Watershed Approach

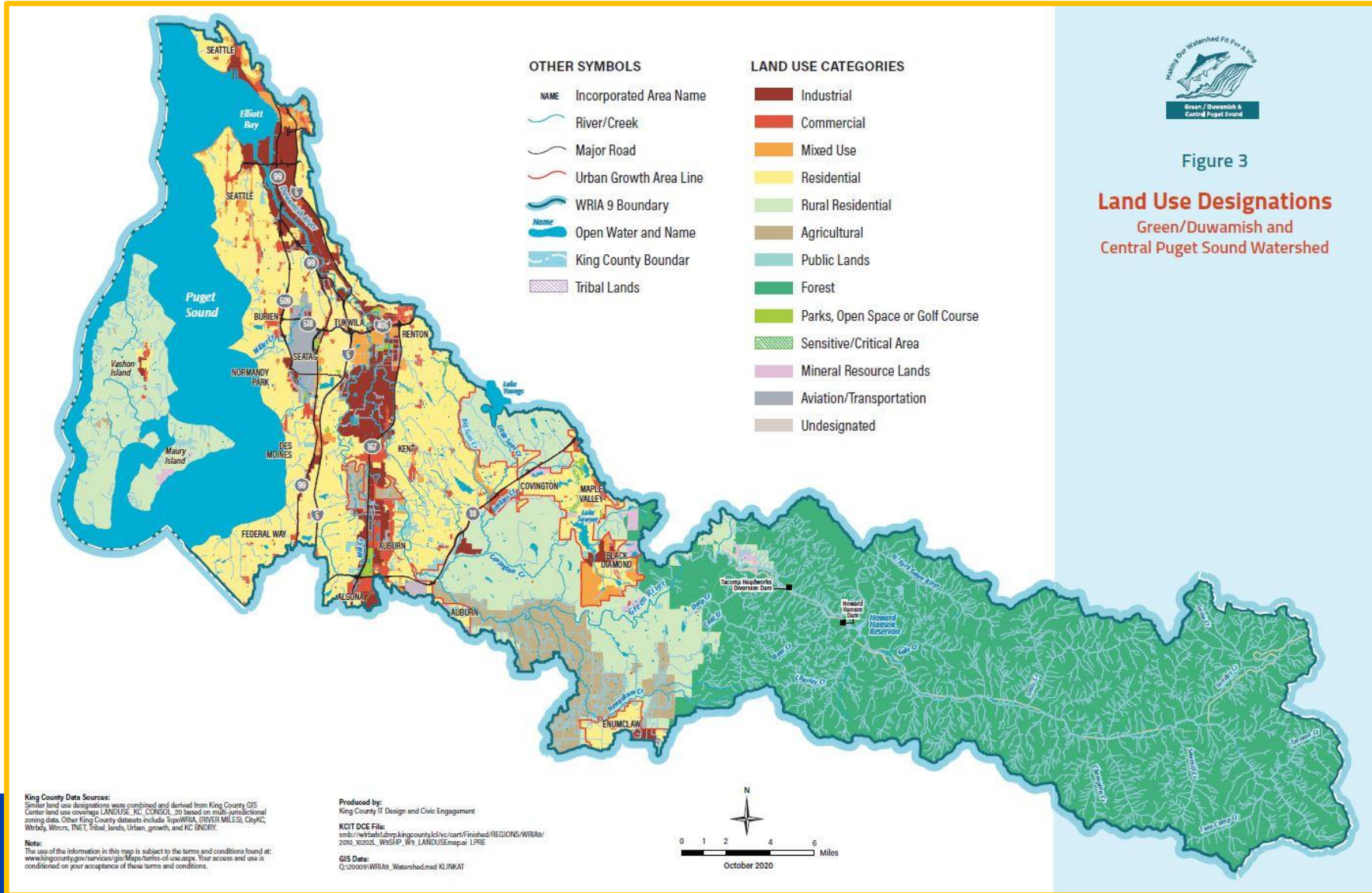


Figure 3

Land Use Designations
 Green/Duwamish and
 Central Puget Sound Watershed

WRIA 9

575 square miles

17 local governments

5 subwatersheds

1 Watershed Ecosystem Forum

CM Herbold current Forum co-chair



WRIA 9 Partnership Accomplishments

\$200M of local, state and federal investment

- 2 miles of levee realignments to reconnect floodplains & restore shoreline
- 4,695 ft of marine shoreline restored
- 500 acres of revegetation
- 5.8 acres of estuary shallow water habitat

Interlocal Agreement (2001-2020)

- \$8.4M Total from ILA Partners
- \$1.9M Seattle



Olympic Sculpture Park



Duwamish River

Duwamish & Nearshore Subwatersheds

Protect, restore & enhance marine shorelines

- Net reduction in shoreline stabilization
- Promote soft armor where feasible

Restore and enhance estuarine habitat

- Excavate shallow water rearing habitat
- National Resource Damage Assessment

Improve sediment and water quality

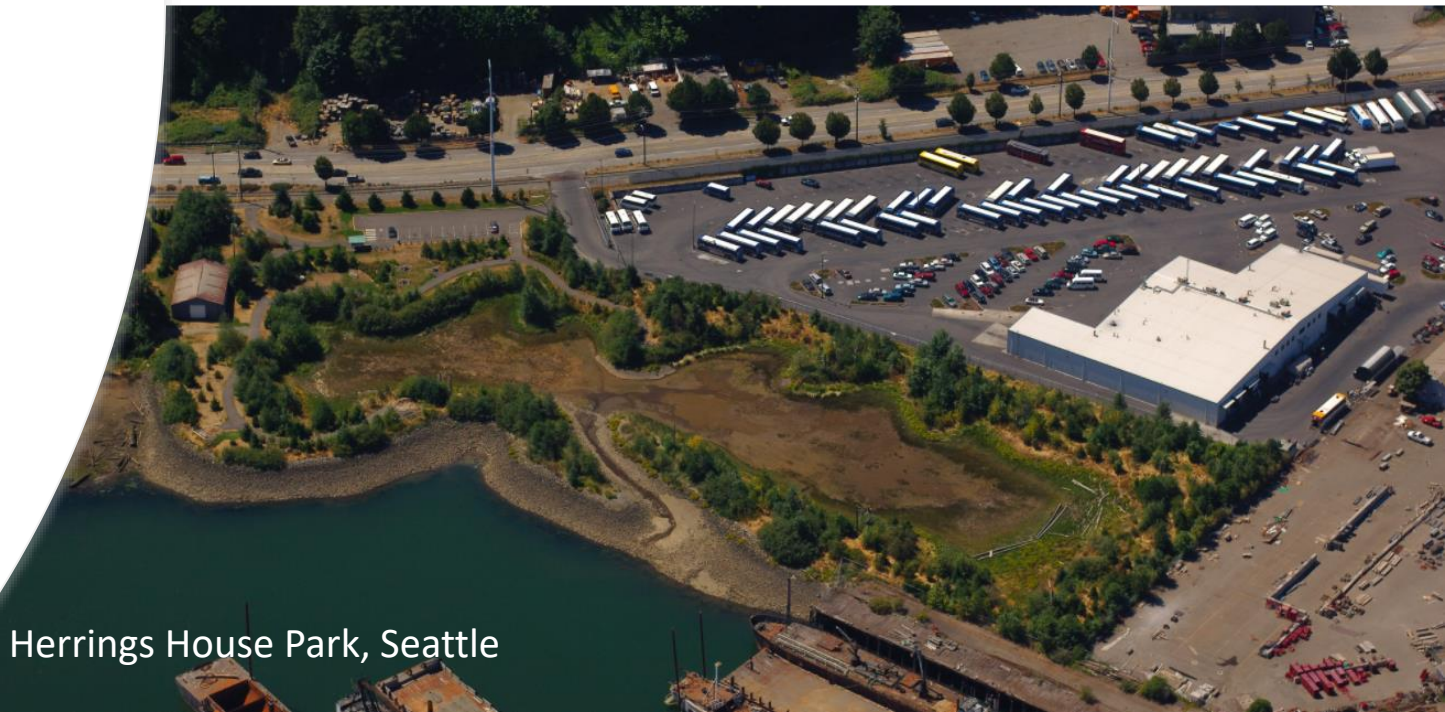
- Superfund clean-up
- Source control

Revegetate riparian corridors

- Regreen-the Green grant program
- Noxious weed control



Seahurst Park, Burién



Herrings House Park, Seattle

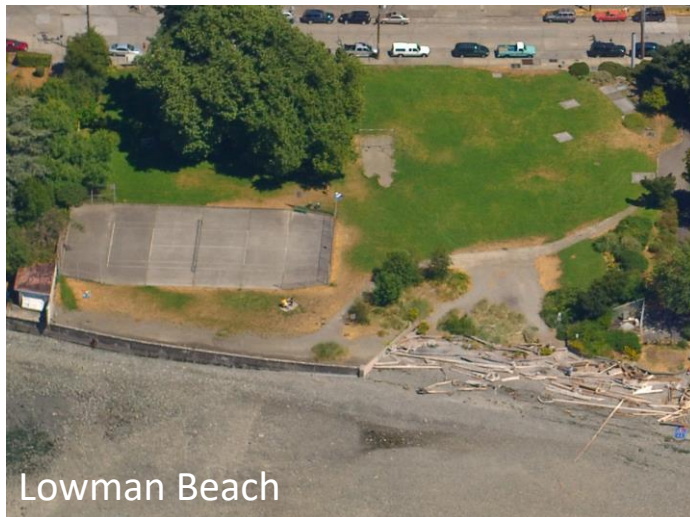
Capital Projects

39 Nearshore habitat projects

- 9 Seattle projects

19 Duwamish River habitat projects

- 4 Seattle/City Light Projects



Lowman Beach



Hamm Creek



Local Plan Ratification

- ✓ Collaborative, watershed-based approach to implementation
- ✓ Multi-benefit approach to salmon recovery
- ✓ Recognize the Plan as a source of best available science
- ✓ Use Plan to inform local actions

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Questions?

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