

# Clean-Up Design for the Middle Third of the Lower Duwamish Waterway



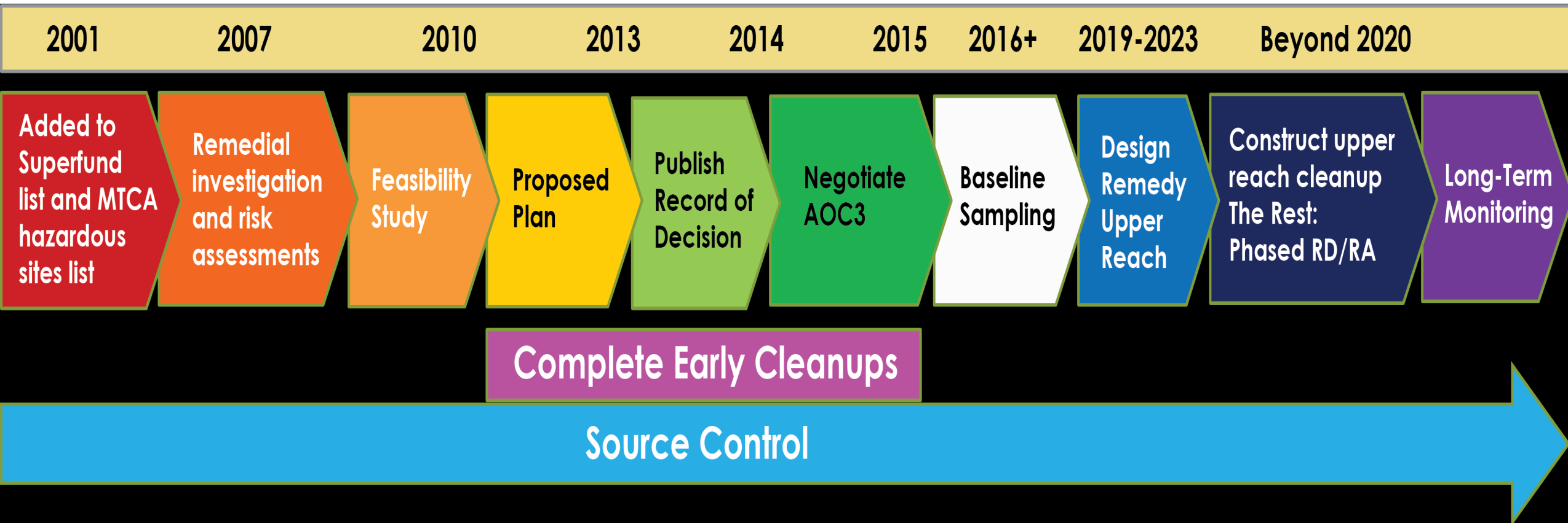
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# Lower Duwamish Waterway (LDW)

- Located in South Seattle through Seattle's industrial core and South Seattle residential neighborhoods of Georgetown and South Park
- Cleanup of the river helps improve environmental justice communities



# LDW Cleanup Timeline





# Lower Duwamish Waterway Cleanup Goals

Reduce risks to:

1. People who eat resident fish and shellfish
2. People coming into contact with contaminated sediments
3. Bottom dwelling organisms: worms, crabs and clams
4. Fish, birds, and mammals (including salmon and orcas)



# Cleanup Accomplishments

## Five “early actions” completed:

- Reduced average surface sediment levels of polychlorinated biphenyl (PCB) contamination by 50%
- Targeted areas with the highest PCB contamination in the sediment
- Cleaned up 29 acres of sediment

Design of the Upper Third 2/3 complete



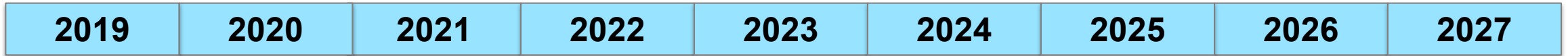


# 5th Amendment to the Administrative Order on Consent (AOC)

- Cleanup Design for the middle third of the LDW - 1.5 miles
- Continue monitoring water and fish/shellfish tissue concentrations
- Continue to fund the seafood consumption advisory efforts
- Port's share of cost around \$4-5M from the annual ERL authorization



# Timeline of Current Activities



Cleanup Design of the Upper Third (AOC4)

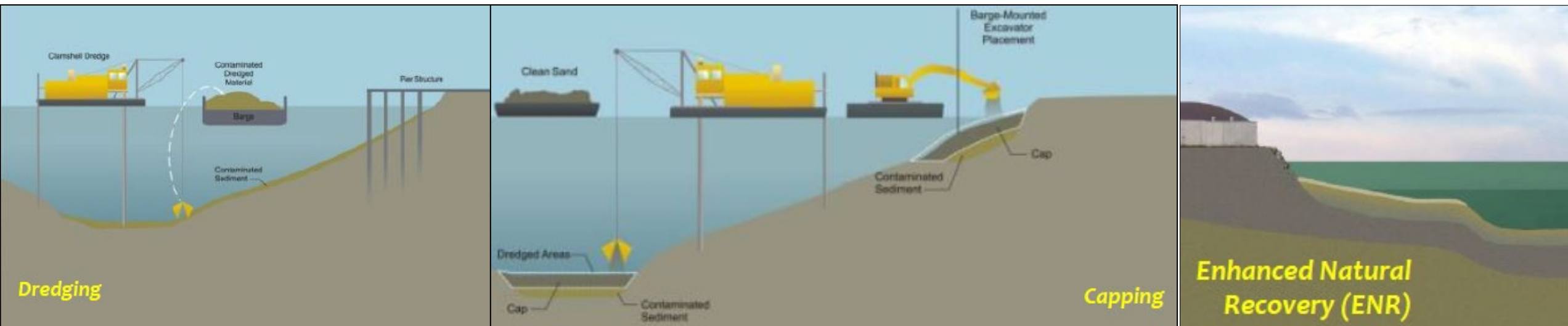
Cleanup Design of the Middle Third and Ongoing Monitoring (AOC5)

Seafood Consumption Advisory (AOC1, AOC3, AOC4, and AOC5)

Cleanup Construction

# Elements of the Cleanup Design

- Sediment sampling to define the extent of cleanup needed
- Determining the appropriate cleanup method
- Engineer design drawings and specifications





# Another Notable Sediment Clean-up Milestone

- EPA's proposed clean-up plan for the **East Waterway Superfund Site** will be published this summer
- Adjacent and downstream of the LDW and is a separate cleanup
- Will also remove a considerable quantity of PCBs from the environment, to the benefit of people, salmon, and orcas

