

Olympia Port Budd Inlet Sediment



SHARP Report — Part 1 of 2

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• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	High		ERTS	none
• SHARP date	09/26/2025		CSID	2245
• EJFlagged?	⊘ - No Override		FSID	3097108
• LD confidence level	low		VCP	none
• Cleanup milestone	remedial investigation		UST ID	none
• SHARPster	Sandy Smith		LUST ID	none

This section is blank if this is the first SHARP	

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	D4	high	multiple chemical types	✓
Groundwater	D4	high	risk to off-site people	⊘
Surface water	A1	low	climate change impacts	✓
Sediment	A1	high	plant/animal tissue data	✓
Soil	D4	high		

Location and land use info	
Lat 47 3 31n Long 122 54 25w, Olympia, Thurston County, 98506	
Primary parcel	66130000100
Land use	mixed use
Responsible unit	SWRO

Sources reviewed
2016, Site Investigation Report, Anchor Environmental

Primary census tract	Associated census tracts
53067010100	53067010300, 53067010200, 53067010520, 53067010600, 53067011100, 53067012000, 53067012100

Local demographics comments

no comments

Source/source area description

Primary contaminants in Budd Inlet sediment are dioxins/furans and polycyclic aromatic hydrocarbons (PAHs). PCBs, arsenic, cadmium, and mercury are also COPCs. Sediment contamination in the inlet is believed to be from legacy sources—contamination that occurred before environmental regulations were in place—plus low sediment deposition rates, and water circulation patterns that limit outward migration of sediments.

Soil comments

By definition, Budd Inlet is a sediment only site

Groundwater comments

By definition, Budd Inlet is a sediment only site.

Surface water comments

Steelhead (threatened) and Coho (candidate) are species identified in the PHS Species/Habitats occurring and migrating in Budd Inlet.

Sediment comments

Steelhead (threatened) and Coho (candidate) are species identified in the PHS Species/Habitats occurring and migrating in Budd Inlet.

Indoor air comments

no comments

Additional factors comments

Budd Inlet is part of Puget Sound and is vulnerable to sea level rise and flooding.

Site history

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The peninsula separating East and West Bays of Budd Inlet was created beginning in the 1850s by dredging and filling. This continued over time with the last major dredging and filling occurring with the development of Swantown marina in East Bay in the early 1980s. There were many industrial facilities located primarily on the peninsula and the western shore of West Bay. These past industries included: Wood treating; other lumber-based industries such as sawmills, plywood mills, shingle mills, veneer mills, and log rafting; and petroleum operations including several bulk fuel tank farms; metal working; and a Military presence—After World War II, Northern Budd Inlet was home to National Defense Reserve Fleet (ghost fleet), 1946-1972.

Overflow - Site contamination and cleanup history

Mixed use: Budd Inlet land use includes recreational (water recreation and shoreline parks), transportation (Port marine terminal and marinas), residential (Swantown Marina and shoreline residences), commercial (shoreline restaurants, etc).

The initial draft SHARP was prepared by Jeff Wirtz and copied over and revised for this version.

SHARP rating — High

09/26/2025



Assessment scores by environmental medium

D4 indoor air high confidence

D4 soil high confidence

D4 groundwater high confidence

A1 surface water low confidence

A1 sediment high confidence