

Western Port Angeles Harbor



SHARP Report — Part 1 of 2

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• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	High		ERTS	SHARP it
• SHARP date	01/12/2024		CSID	11907
• EJFlagged?	⊘ - No Override		FSID	18898
• LD confidence level	low		VCP	SHARP it
• Cleanup milestone	feasibility study		UST ID	SHARP it
• SHARPster	Jeff Wirtz, Updated to new SHARP version by Merd		LUST ID	SHARP it

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	A2	high	climate change impacts	✓
Sediment	A1	high	plant/animal tissue data	✓
Soil	D4	high		

Location and land use info

Western Port Angeles Harbor, Port Angeles, Clallam County, 98363

Primary parcel SHARP it

Land use industrial

Responsible unit SWRO

Sources reviewed

2023, Factsheet, Ecology

2020, RI/FS, Floyd/Snider, Anchor QEA, Exponent, Integral

Primary census tract	Associated census tracts
53009000700	SHARP it

Local demographics comments
The hazardous substances from this site remained on the census tract where the release occurred.

Source/source area description
Port Angeles Harbor (Harbor) is located on the northern coast of Washington's Olympic Peninsula and along the southern shoreline of the Strait of Juan de Fuca in Port Angeles, Washington. The Harbor has been identified as a priority environmental cleanup and restoration project by the Washington State Department of Ecology. This RI/FS describes the western Harbor sediment cleanup unit where sediment concentrations exceed sediment cleanup levels.

Soil comments
The entire site consists of sediment cleanup units and no upland soil units.

Groundwater comments
The entire site consists of sediment cleanup units and no upland units.

Surface water comments

Several threatened species of fish may occasionally be present in marine areas near the Site.

Sediment comments

IHSs found in sediment include arsenic, cadmium, mercury, cPAH TEQ, and Total TEQ.

Indoor air comments

Since there are no buildings on site, the indoor air ranking must be D4.

Additional factors comments

IHSs found in sediment include arsenic, cadmium, mercury, cPAH TEQ, and Total TEQ. The site is in Port Angeles Harbor and subject to sea level rise.

Site history

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The Harbor's development began in the late 1800s with the growth of the City of Port Angeles (City). Typical historical industries included sawmills, plywood manufacturing, pulp and paper production, other wood processing-related operations, commercial fishing and fish packing, bulk fuel facilities, boat building and refurbishing, marinas, and marine shipping and transport. Maritime operations and industrial and commercial businesses that provide living wage jobs are still active and ongoing at and around the western Harbor.

Hazardous substances present in the western Harbor have the potential to pose risks to both human health and the environment. Risks to human health may occur from consumption of crab, shrimp, clams, and other species. Additionally, risks may be posed to aquatic life such as benthic invertebrates living within Harbor sediments.

For each exposure pathway, hazardous substances were identified that drive potential human health or environmental risks. Potential human health risks are associated with bioaccumulation of metals (cadmium and mercury), cPAH TEQ, and Total TEQ. Potential environmental risks are only associated with metals (cadmium, mercury, and zinc). Cleanup standards for these hazardous substances were used to focus the development and evaluation of remedial alternatives in the FS.



Overflow - Site contamination and cleanup history

No overflow

Western Port Angeles Harbor

11907 Western Port Angeles Harbor 20240112

First SHARP

SHARP rating — High

SHARP Report — Part 2 of 2

Conceptual site model

01/12/2024



Assessment scores by environmental medium

