

• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	High		ERTS	529089
• SHARP date	12/28/2023		CSID	2205
• EJFlagged?	⊘ - No Override		FSID	66519819
• LD confidence level	low		VCP	none
• Cleanup milestone	cleanup action plan		UST ID	none
• SHARPster	Jeff Wirtz, Copied to new format by Meredith Bee		LUST ID	none

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SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	D4	high	multiple chemical types	✓
Groundwater	D4	high	risk to off-site people	⊘
Surface water	A1	medium	climate change impacts	✓
Sediment	A1	high	plant/animal tissue data	✓
Soil	B1	high		

Location and land use info

218 McMillian Ave, Blaine, Whatcom County, 98230

Primary parcel 175084

Land use industrial

Responsible unit NWRO

Sources reviewed

2023, Cleanup Action Plan, Ecology

2023, Fact Sheet, Ecology

2020, RI/FS, Landau Associates

Primary census tract	Associated census tracts
53073010409	SHARP it

Local demographics comments

The hazardous substances from this site remain on the census tract where the release occurred.

Source/source area description

The Westman Marine cleanup site in Blaine, WA consists of an approximately 1-acre upland area (Upland Cleanup Unit) and an approximately 27-acre in-water sediment area (Sediment Cleanup Unit) extending throughout Blaine Harbor. Portions of the property were contaminated by past boat maintenance and repair operations. Blaine Harbor was originally created in the late 1930s by dredging the tidflats and using the dredged materials to create uplands. The harbor's upland areas were expanded in the 1940s, 1950s, and again in 2001. The property has been used for marine operations since approximately 1949, and the Port has leased it to several different companies.

Soil comments

The identified COPCs that exceeded cleanup standards and their associated media are as follows:

- Soil
 - Arsenic, copper, mercury, PCBs, and cPAHs

Groundwater comments

No COPCs were identified for groundwater, so development of cleanup standards is not required for the medium. Groundwater quality in the Upland Cleanup Unit has been demonstrated to be adequately protected.

Surface water comments

The identified COPCs that exceeded cleanup standards in sediment are:

– Arsenic, copper, mercury, zinc, PCBs, cPAHs, and TBT.

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

Sediment comments

The identified COPCs that exceeded cleanup standards in sediment are:

– Arsenic, copper, mercury, zinc, PCBs, cPAHs, and TBT.

Indoor air comments

no comments

Additional factors comments

The following COPCs were found on the site: cPAHs, PCBs, metals, and organotins.

The site is on Blaine Harbor and subject to sea level rise.

Site history[Go to top](#)

In 2001 the Port began voluntarily sampling sediments in Blaine Harbor. Further investigations conducted by the Port in 2013-2014 found contamination concentrations at the Site above state standards established to protect human health and the environment:

- Soil: carcinogenic polycyclic aromatic hydrocarbons (cPAHs), polychlorinated biphenyls (PCBs), and metals
- Sediment: Metals, organotins (TBT), cPAHs and PCBs

Groundwater is not affected by the contamination releases on the Site and is not considered an affected medium.

In March 2014, the Port completed an early cleanup action (Interim Action) in order to construct a new building for another tenant partially located in the Site area. The Port removed and disposed of approximately 420 tons of contaminated soil.

Overflow - Site contamination and cleanup history

No overflow

Westman Marine

2205 Westman Marine 20231228

First SHARP

SHARP rating — High

SHARP Report — Part 2 of 2

Conceptual site model

12/28/2023



Assessment scores by environmental medium

