Glacier Northwest Inc.

SHARP Report — Part 1 of 2

Go to site contamination history

• SHARP first SHARP	v2024.04.29	Ecology Info	
• SHARP rating	Medium	ERTS	none
• SHARP date	09/02/2025	CSID	599
• EJFlagged?	✔ – No Override	FSID	23881883
• LD confidence level	high	VCP	none
• Cleanup milestone	feasibility study	UST ID	none
• SHARPster	Cliff Nale	LUST ID	none

This section is blank if this is the first SHARP

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	D4	medium	multiple chemical types	✔
Groundwater	C2	high	risk to off-site people	✔
Surface water	B1	high	climate change impacts	✔
Sediment	A1	high	plant/animal tissue data	✔
Soil	B1	high		

Location and land use info

5900 W Marginal Way, Seattle, King County, 98106

Primary parcel	1924049029
Land use	industrial
Responsible unit	NWRO

Sources reviewed

ERM, 2024. Remedial Investigation Report Public Review Draft.

Primary census tract	Associated census tracts
10800	

Local demographics comments

no comments

Source/source area description

Historical operations led to releases across the property, including from a wood treatment facility, manufacturing, and associated wastewater and storage of materials. Contaminants of Potential Concern (COPCs) included in soil, groundwater and sediment are metals (arsenic, copper, and zinc), benzene, ethylbenzene, methylene chloride, toluene, gasoline-, diesel- and oil-range total petroloeum hydrocarbons (TPH), petachlorophenol (PCP), 2,4,6-trichlorophenol, 2,4-dichlorophenol, hexachlorobenzene, phenol, bis 2-ethylhexyl phthalate (BEHP), carcinogenic and non-carcinogenic polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), dioxins/furans and tributyltin.

Soil comments

Impacted soil is present at the site. Some of the site is unpaved. Sediment and groundwater are also impacted. The magnitude and extent of COPCs in vadose and saturated zones in soil exceeding MTCA screening levels have been identified and the proximity to the Lower Duwamish Waterway, which is immediately downgradient of the site, pose a risk to surface water and sediment.

Groundwater comments

Impacted groundwater is present and discharges to the embayment (surface water/sediment), which is part of the property. Groundwater data indicate an impact to surface water and sediment in the Lower Duwamish Waterway originating from the site.

Surface water comments

Impacted groundwater is present and discharges to the embayment (surface water/sediment), which is part of the property. Groundwater data indicate an impact to surface water and sediment in the Lower Duwamish Waterway originating from the site.

Sediment comments

Impacted sediment is present. Impacted groundwater is present and discharges to the embayment (surface water/sediment), which is part of the property. Groundwater data indicate an impact to surface water and sediment in the Lower Duwamish Waterway originating from the site. The depth to which certain COPCs exceed screening levels along the riverbank is currently unknown.

Indoor air comments

Some volatile compounds are present but are unlikely to create a VI issue as sensitive receptors like children or women of child-bearing age do not access or occupy the site at any frequency. In addition, indoor air screening levels for any COPC are not exceeded.

Additional factors comments

The past industrial activities resulted in contamination of soil, groundwater, surface water and/or sediment on the Glacier NW Property. Contaminants include metals, numerous volatile and semi-volatile organic compounds gasoline-, diesel- and oil-range TPH, PAHs, PCBs, dioxins/furans and tributyltin.

Site history

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The site is currently operated as a cement terminal. Historical releases occurred from operations as a wood treatment facility; a manufacturing plant for whetlerite; and manufacturing of resins, glues, and PCP.

Overflow - Site contamination and cleanup history

No overflow

Glacier Northwest Inc.

599 Glacier Northwest Inc. 20250902
First SHARP
SHARP rating — Medium

SHARP Report — Part 2 of 2

Conceptual site model
09/02/2025

SHARP