

Duwamish Marine Center



SHARP Report — Part 1 of 2

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• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Critical		ERTS	none
• SHARP date	09/15/2025		CSID	4146
• EJFlagged?	✓ – No Override		FSID	21945598
• LD confidence level	high		VCP	NW 1646
• Cleanup milestone	remedial investigation		UST ID	101434
• 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	C1	high	risk to off-site people	✓
Surface water	A1	high	climate change impacts	✓
Sediment	A1	medium	plant/animal tissue data	⊘
Soil	A1	high		

Location and land use info

6365 First Avenue South, Seattle, King County, 98108

Primary parcel 536720-4560

Land use industrial

Responsible unit NWRO

Sources reviewed

2009, Remedial Investigation Report, Pacific Crest Environmental

March 31, 2025, Remedial Investigation Report, Crete Consulting, Inc.

Primary census tract	Associated census tracts
10900	

Local demographics comments

no comments

Source/source area description

Potential sources of soil, groundwater, surface water and/or sediment contaminants at the Site include: 1) surface leaks/spills from current and/or historical Site operations; 2) contaminated fill material originating from the Lower Duwamish Waterway (LDW) dredge spoils and/or offsite sources; and 3) contaminated water infiltrating into soils from breaches in the stormwater system.

Contaminants of Concern (COCs) include metals, polychlorinated biphenyls (PCBs), dioxins/furans, carcinogenic and non-carcinogenic polycyclic aromatic hydrocarbons (PAHs), semi-volatile organic compounds (SVOCs), and total petroleum hydrocarbons (TPH).

Soil comments

COCs include metals, PCBs, dioxins/furans, carcinogenic and non-carcinogenic PAHs, SVOCs, and TPH in shallow soil that have leached to groundwater. The proximity to the LDW is a concern for surface water and sediments.

Groundwater comments

COCs include metals, PCBs, dioxins/furans, carcinogenic and non-carcinogenic PAHs, SVOCs, and TPH in shallow soil that have leached to groundwater. The proximity to the LDW is a concern for surface water and sediments.

Surface water comments

COCs include metals, PCBs, dioxins/furans, carcinogenic and non-carcinogenic PAHs, SVOCs, and TPH in shallow soil that have leached to groundwater. The proximity to the LDW is a concern for surface water and sediments.

Sediment comments

COCs include metals, PCBs, dioxins/furans, carcinogenic and non-carcinogenic PAHs, SVOCs, and TPH in shallow soil that have leached to groundwater. The proximity to the LDW is a concern for surface water and sediments.

Indoor air comments

Although there are concentrations of VOCs in shallow site soil, those concentrations have only been identified in areas of the site that are unpaved with no structures. Current subsurface site buildings did not indicate VOCs beneath the buildings; however, there is a potential from groundwater migration.

Additional factors comments

COCs include metals, PCBs, dioxins/furans, carcinogenic and non-carcinogenic PAHs, SVOCs, and TPH in shallow soil that have leached to groundwater. The proximity to the LDW is a concern for surface water and sediments that can impact plants and animals associated with the LDW.

Site history

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Early 1930s, the site was initially developed for residential use. Since at least the late 1950s to the present, the site was redeveloped for industrial use including: marine dock and railway, metal fabrication, junk dealership, and commercial shipping storage.

Overflow - Site contamination and cleanup history

Site Addresses: 6351 and 6361 First Avenue South; 16 South Michigan Street

Parcels: 536720-4545, -4560, -3415, -3447, and -3635

FSID: 1020256, 71371939, 65697348

Duwamish Marine Center

4146 Duwamish Marine Center 20250915

First SHARP

SHARP rating — Critical

SHARP Report — Part 2 of 2

Conceptual site model

09/15/2025



Assessment scores by environmental medium

