

• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Medium		ERTS	none
• SHARP date	02/06/2025		CSID	2549
• EJFlagged?	✓ – No Override		FSID	22726
• LD confidence level	low		VCP	NW5183
• Cleanup milestone	cleanup action plan		UST ID	none
• SHARPster	Kelly Finley		LUST ID	none

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SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	B1	low	multiple chemical types	✓
Groundwater	C1	low	risk to off-site people	✓
Surface water	A1	low	climate change impacts	✓
Sediment	B1	low	plant/animal tissue data	⊘
Soil	B1	low		

Location and land use info

640 S Riverside Dr, Seattle, King County, 98108

Primary parcel

Land use industrial

Responsible unit NWRO

Sources reviewed

Pacific Groundwater Group, March 30, 2016, Groundwater Monitoring Data: Fourth Quarter

Department of Ecology, March 11, 2011, Update on Opinion for Proposed Cleanup

Primary census tract	Associated census tracts
53033011200	none

Local demographics comments

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

Source/source area description

This site is a small lot in an industrial area directly adjacent to the Duwamish Waterway. Contaminants of concern are arsenic, lead, diesel range total petroleum hydrocarbons (TPH-D), oil range total petroleum hydrocarbons (TPH-O), tetrachloroethene (PCE), trichloroethene (TCE), (TCE), cis-1,2 dichloroethene (DCE), vinyl chloride (VC), and carcinogenic polycyclic aromatic hydrocarbons (cPAHs). The most likely source of contamination is the historical use of the site by manufacturing and painting businesses.

Soil comments

In 2008, soil samples showed lead, TPH-D, TPH-O, cPAHs, PCE, and TCE above Model Toxics Control Act (MTCA) A screening levels. 2025 images from Google maps show site has been completely cleared with only dirt on site. No clean up report is currently available. More information is needed to determine status of contamination on site.

Groundwater comments

In 2008 groundwater samples showed arsenic, lead, PCE, TCE, DCE, and vinyl chloride above MTCA A screening levels. No cleanup reports are currently available, however 4 groundwater monitoring reports were available for 2016. The 4th quarter report showed only vinyl chloride was still above MTCA A screening levels. More information is needed to determine status of contamination on site.

Surface water comments

Arsenic, lead, TPH-D, TPH-O, tetrachloroethene (PCE), trichloroethene (TCE), (TCE), cis-1,2 dichloroethene (DCE), vinyl chloride (VC), and carcinogenic polycyclic aromatic hydrocarbons (cPAHs) have all been confirmed on site above MTCA A screening levels. No surface water sampling data is currently available. Further investigation is needed to determine extent of the contamination.

Sediment comments

Arsenic, lead, TPH-D, TPH-O, tetrachloroethene (PCE), trichloroethene (TCE), (TCE), cis-1,2 dichloroethene (DCE), vinyl chloride (VC), and carcinogenic polycyclic aromatic hydrocarbons (cPAHs) have all been confirmed on site above MTCA A screening levels. No sediment sampling data is currently available. Further investigation is needed to determine extent of the contamination.

Indoor air comments

Multiple vapor intrusion chemicals have been confirmed on site, however according to Google maps 2025 imagery, there are currently no buildings on site. If construction does occur, indoor air quality should be assessed.

Additional factors comments

Multiple chemical groups have been confirmed on site including: metals, petroleum, and VOCs. The extent of the contamination is not currently known. This site is vulnerable to sea level rise during 100 year storms.

Site history[Go to top](#)

Prior to the early 1900s, the site and surrounding area consisted of undeveloped marsh land or farmlands adjoining the Duwamish River. An early map from 1861 shows about half of the site on the western bank of the river and the other half within the river. Dredging and straightening of the Duwamish River to create the Duwamish Waterway began in the early 1990s and was completed by 1920. Sediment dredged from the river was used to fill low areas and former river bends.

The area remained residential until the 1950s when commercial and industrial development began. The business development continued through the 1970s, gradually replacing most of the residential property.

One residential structure and another unknown structure were built on the Property prior to the 1940s. The unknown structure was labeled as a boat shop in 1950, and was replaced in 1960 with the shop building. A succession of manufacturing and painting businesses occupied the shop building until the early 1990s when Pro-Fab Inc, a metal fabrication business, moved in. Pro-Fab retained possession until 2009.

Overflow - Site contamination and cleanup history

No overflow

SHARP rating — Medium

02/06/2025



Assessment scores by environmental medium

B1 indoor air
low confidence

B1 soil
low confidence

C1 groundwater
low confidence

A1 surface water
low confidence

B1 sediment
low confidence