

Tacoma Port of 721 Alexander



SHARP Report — Part 1 of 2

[Go to site contamination history](#)

• SHARP reSHARP results		v2024.04.29	Ecology Info	
• SHARP rating	Medium		ERTS	none
• SHARP date	07/28/2025		CSID	743
• EJFlagged?	✓ – No Override		FSID	1377
• LD confidence level	low		VCP	none
• Cleanup milestone	cleanup action plan		UST ID	none
• SHARPster	Sam Meng		LUST ID	none

◆ Historic SHARP first SHARP results		◆ SHARP Tool version
◆ SHARP rating	medium	
◆ SHARP date	45323	
◆ EJFlagged?	EJFlagged - No Override	
◆ LD confidence level	low	
◆ Cleanup milestone	feasibility study	
◆ First SHARPster	Meredith Bee	

SHARP Media	Scores	Confidence	Additional Factors
Indoor air	D4	high	multiple chemical types ✓
Groundwater	C1	high	risk to off-site people ✓
Surface water	A2	high	climate change impacts ✓
Sediment	D4	high	plant/animal tissue data ⊘
Soil	C1	high	

Location and land use info	
709 Alexander Ave, Tacoma, Pierce County, 98421	
Primary parcel	5000350041
Land use	industrial
Responsible unit	SWRO

Sources reviewed
2022, Cleanups in Commencement Bay Nearshore/Tideflats Superfund Site, EPA
2021, Feasibility Study Report, Landau Associates
2016, Remedial Investigation Report, Aspect Consulting
2024, Draft Cleanup Action Plan, Landau Associates
#REF!



Primary census tract	Associated census tracts
53053060200	SHARP it

Local demographics comments
<p>A zero was applied to all EJscreen parameters because the EJscreen website was not available at the time of rating.</p>

Source/source area description
<p>The Site was listed by Ecology in 1995 after a release was discovered when the City of Tacoma (City) notified Ecology that petroleum was infiltrating into a sanitary sewer line beneath Alexander Avenue. Additional information from investigations at the nearby former Occidental Chemical Corporation (OCC) Facility Site (Occidental Site) confirmed releases of hazardous substances associated with historical petroleum storage and distribution facilities previously located at 721 Alexander Avenue (721 property), owned by the Port, and the adjacent parcel at 709 Alexander Avenue (709 property) owned by Mariana. The Site is defined by the area where contaminants from releases from the 709 and 721 properties has come to be located, encompassing an area of approximately 19 acres that includes portions of four contiguous tax parcels east of Alexander Avenue, a portion of one parcel west of Alexander Avenue, and the section of the Alexander Avenue right-of-way (ROW) between these parcels</p>

Soil comments
no comments

Groundwater comments
no comments



Surface water comments

no comments

Sediment comments

Sediments east of the 709 and 901 properties are regulated as part of the Commencement Bay/Nearshore Tideflats Superfund Site, and as such are not being addressed as part of this cleanup.

Indoor air comments

no comments

Additional factors comments

no comments



Site history

[Go to top](#)

The RI confirmed that petroleum hydrocarbon contamination is present at the Site as light non-aqueous phase liquid (LNAPL) and in soil and groundwater. Based on sampling data and other analyses, the RI further determined the following:

- The Site has been impacted by releases from historical petroleum operations at the 721 and 709 Alexander Avenue properties resulting in elevated concentrations of benzene, gasolinerange organics, diesel-range organics and oil-range organics in soils and groundwater;
- The primary source areas are on the 721 Alexander Avenue property;
- The Site is bisected by a groundwater divide that results in contamination originating on the east side of the 721 and 709 Alexander Avenue properties migrating toward the Hylebos Waterway, and contamination originating on the west side of the properties migrating toward the Blair Waterway.



Overflow - Site contamination and cleanup history

The site also includes parcels: 5000350011, 2275200510, 2275200532, 5000350041 (owned and a roughly 300-foot (ft) segment of the Alexander Avenue ROW (owned by the City of Tacoma



Assessment scores by environmental medium

