

Port of Tacoma/TOTE Facility 500 Alexander



SHARP Report — Part 1 of 2

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SHARP incomplete. SHARP it.		v2024.04.29	Ecology Info	
• SHARP rating	Low		ERTS	Unknown
• SHARP date	05/06/2025		CSID	7619
• EJFlagged?	✓ – No Override		FSID	3468
• LD confidence level	low		VCP	SW1588
• Cleanup milestone	remedial investigation		UST ID	619854
• SHARPster	Aaren Fiedler, LG		LUST ID	5082

This section is blank if this is the first SHARP	

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	B3	low	multiple chemical types	✓
Groundwater	C3	medium	risk to off-site people	⊘
Surface water	D4	low	climate change impacts	✓
Sediment	B3	low	plant/animal tissue data	⊘
Soil	C2	medium		

Location and land use info	
500 Alexander Ave, Tacoma, Pierce County, 98421-4217	
Primary parcel	5000350011
Land use	industrial
Responsible unit	SWRO

Sources reviewed
Ecology, Further Action at the following Site, letter, addressed to Ms. Sarah Weeks, August 9, 2017

Primary census tract	Associated census tracts
53053060200	None

Local demographics comments
EJFlag factors are all entered as zero (0) because the EJSscreen tool was not available at the time the assessment was conducted.

Source/source area description
The Site is part of the Port of Tacoma and is in a heavily industrial area. The Site is adjacent to the Blair Waterway on the southwest side. Commencement Bay is to the northwest, and Hylebos Waterway is to the northeast. Multiple industrial facilities surround the Site on the northwest, northeast, and southeast side of the Site. TOTE is a maritime shipping company, and the Site is specifically operated as Totem Ocean Trailer Express which handles Roll On/Roll Off (RO/RO) cargo. The Site is mostly paved with some support buildings. Multiple UST nest have been present at the Site with approximately 17 USTs in 9 seperate ust nests. Contamination focused around each tank nest is specify petroleum constituents that consist of TPH-G, TPH-D, or TPHO depending on what the specific tanks were used for as well as petroleum related VOCs, mostly consisting of BTEX.

Soil comments
no comments

Groundwater comments
no comments



Surface water comments

no comments

Sediment comments

no comments

Indoor air comments

no comments

Additional factors comments

no comments

Site history

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Pre-1979: The Site was part of the Tacoma Naval Station during which, multiple USTs were being utilized to store different petroleum products across the Site.

1979: The current Totem Ocean Trailer Express Terminal (TOTE) opened on the Site in 1979. In the years following, most, and eventually all of the buildings on the property have been removed. The last of the original buildings was removed sometime after 1990. The Totem Ocean Trailer Express Terminal does not operate on the entirety of its county parcel (5000350011). The Northwest end of the parcel is operated on by the neighboring facility which is also part of the Port of Tacoma. Reportedly, all of the USTs within the TOTE operational facility have been removed, though all removals have not been documented. Current cleanup activities are documented to have begun in 1996 with the removal of tanks U-1 (a.k.a T-1), P-27, and P-28 (a.k.a. T-2, and T-3, though it was not clear which tank was which). Currently there are nine separate UST nest known on the Site with the number of tanks in each nest numbering from one single tank to as many as four tanks in a grouping. Each of the nine UST tank nest is being investigated individually, though they are all included as a single Site. The tank designated as U-2 (a.k.a. AA-1), located at the far southeast end of the property has a No Further Action opinion letter from Ecology dated August 26, 1999, and from the Tacoma-Pierce County Health Department (TPCHD) dated October 28, 1999. All suspected tank nest areas except U-2 were sampled for soils and groundwater contamination between April 2012 and December 2015.

Overflow - Site contamination and cleanup history

Source/Source Area overflow:

Some metals and PCBs are also present at specific individual tank nests. Chlorinated solvents and degradation daughter products are also present at the Site. Specifically, TCE, DCE, and vinyl chloride have been reported. It is assumed that the chlorinated solvents are from the adjacent Occidental Chemical Corp (Occidental) Site (FSID 1212).

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first SHARP/reSHARP = SHARP it

SHARP rating — Low

SHARP Report — Part 2 of 2

Conceptual site model

05/06/2025



Assessment scores by environmental medium

