Portac Inc Tacoma

SHARP Report — Part 1 of 2

Go to site contamination history

• SHARP first SHARP	v2024.04.29	Ecology Info	
• SHARP rating	Low	ERTS	SHARP it
• SHARP date	03/24/2026	CSID	3642
• EJFlagged?	SHARP it	FSID	SHARP it
• LD confidence level	medium	VCP	SHARP it
• Cleanup milestone	cleanup implementation	UST ID	SHARP it
• SHARPster	Cam Penner-Ash	LUST ID	SHARP it

This section is blank if this is the first SHARP

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

Location and land use info

4215 SR 509 East Frontage RD, Tacoma, Pierce County, 98421

Primary parcel	5000350150
Land use	industrial
Responsible unit	SWRO

Sources reviewed

Aspect Consulting, Engineering Design Report, June 10, 2022

Aspect Consulting, Draft Construction Completion Report, September 2023

WA Ecology, Cleanup Action Plan, July 6, 2021

Aspect Consulting, Annual Compliance Monitoring Report, June 14, 2024

Primary census tract	Associated census tracts
53053940002	

Local demographics comments

A zero was applied to all Ejscreen parameters because Ejscreen website was not available at the time of rating.

Source/source area description

The Site is a 52 acre triangular parcel near the Blair Waterway currently owned by the Port of Tacoma. The Site can be divided into two distinct areas based on historical uses: the former sawmill area and the former log yard area. Currently the property is leased to various companies which store vehicles or other items associated with port activities.

Soil comments

2023 PRB wall installation and conveyance system upgrades have further reduced human exposure to site-related contaminants. Ecology is still evaluating the effectiveness of the actions.

Groundwater comments

2023 PRB wall installation and conveyance system upgrades have further reduced human exposure to site-related contaminants. Ecology is still evaluating the effectiveness of the actions. Theoretically, if successful, the groundwater and surface water pathways should be eliminated.

Surface water comments

2023 PRB wall installation and conveyance system upgrades have further reduced human exposure to site-related contaminants. Ecology is still evaluating the effectiveness of the actions. If both upgrades are a success

Sediment comments

Sediments were looked at previously, but have not been studied in recent years.

Indoor air comments

no buildings on-site

Additional factors comments

no comments

Site history

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The former sawmill area occupied the southwestern portion of the property and operated from approximately 1974 to 2009. It used pentachlorophenol (penta) to prevent sap staining on cut wood. Some contaminated soil was removed from the sawmill area in the early 2000s; however, groundwater remains contaminated with PCP due to residual impacted soil.

The log yard, which is much larger than the sawmill area, used ASARCO slag from the former smelter as road base to stabilize surface soils. Over the years, sampling has shown that metals such as arsenic, copper, lead, and zinc were leaching from the slag and being discharged into the neighboring Wapato Creek. The log yard property was capped with roller compacted concrete in 1988 and continues to be maintained to eliminate or reduce surface water flow into Wapato Creek.

The cleanup work at the Site is outlined the the approved Cleanup Action Plan and has been broken down into two phases: 1) Conveyance system improvements and permeable reactive barrier installation, 2) Enhanced low permeability cap installation. Phase 1 of the work has been completed, but some issues with PRB installation were encountered and the effectiveness of the PRB is still being evaluated.

Overflow - Site contamination and cleanup history

No overflow

Portac Inc Tacoma

3642 Portac Inc Tacoma 20260324
First SHARP
SHARP rating — Low

SHARP Report — Part 2 of 2

Conceptual site model
03/24/2026

SHARP