Tacoma Transload

SHARP Report — Part 1 of 2

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• SHARP first SHARP	v2024.04.29	Ecology Info	
• SHARP rating	Low	ERTS	622834
• SHARP date	05/13/2025	CSID	1981
• EJFlagged?	✔ – No Override	FSID	25392634
• LD confidence level	low	VCP	SW0272
• Cleanup milestone	CSL listing	UST ID	none
• SHARPster	John Kirkpatrick	LUST ID	none

This section is blank if this is the first SHARP

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	B4	low	multiple chemical types	⊘
Groundwater	C2	low	risk to off-site people	⊘
Surface water	D4	low	climate change impacts	✔
Sediment	D4	low	plant/animal tissue data	⊘
Soil	D4	low		

Location and land use info

501 E 19th St, Tacoma , Pierce County, 98421

Primary parcel	0320033029
Land use	industrial
Responsible unit	SWRO

Sources reviewed

2011, Initial Investigation, Department of Ecology
2009, Initial Investigation, Department of Ecology
2009, Initial Investigation, Department of Ecology

Primary census tract	Associated census tracts
53053060200	

Local demographics comments

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

Source/source area description

The property includes several rail spurs operated by Union Pacific. Releases of fuel and other petroleum products have occurred during railroad operations.

Soil comments

As of the last Initial Investigation report in 2011, site soils impacted by oil releases had been remediated below Model Toxics Control Act (MTCA) Method A cleanup levels. Given the age of the last report and ongoing industrial activities, confidence in site assessment is low.

Groundwater comments

No groundwater data was available, which was part of the reason that the site was listed in 2011. Suspected Contaminants of Concern (COCs) were petroleum products (primarily oil and diesel).

Surface water comments

The site is about 1/3 mile from the Puyallup River.

Sediment comments

no comments

Indoor air comments

No soil gas or indoor air data was available. The site was originally investigated before Ecology had issued draft vapor intrusion guidance. There appear to be several prefabricated offices or storage facilities on site.

Additional factors comments

According to Toxics Cleanup Program (TCP) maps, sea level rise poses a risk for this location.

Site history

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The site has been known to Ecology since the early 1990s. Ecology conducted an Initial Investigation of the property in 1992, after which the site was added to the contaminated sites list. Some cleanup was conducted at the time. The site entered Ecology's Voluntary Cleanup Program (VCP) in 2000 prior to a real estate transaction. After cleanup actions were taken, Ecology issued a determination of No Further Action (NFA) for the site.

In 2008, there was an oil spill on the tracks, and Ecology began another Initial Investigation. While that was underway, another spill occurred in January 2009. Tacoma-Pierce County Health Department (TPCHD), in collaboration with Ecology, lead these investigations and advised Union Pacific on their independent cleanup efforts. By late 2009, the two spills had been addressed and TPCHD recommended that the site not be added back to the contaminated sites list based on those efforts.

In October 2010, there was another release of oil to the ground. Union Pacific had NRC Environmental Services respond. They cleaned up contaminated soil and track ballast, but confirmation samples taken at the site showed that oil contamination remained above MTCA Method A cleanup levels. NRC ES came back in November and conducted further cleanup, removing two more tons of material. Confirmation sampling showed no further contamination above cleanup levels.

TPCHD filed their Initial Investigation in early 2011. Ecology concluded that while site soils had been remediated, groundwater contamination was suspected. The site was then added to the contaminated sites list.

Overflow - Site contamination and cleanup history

The property address has historically caused confusion, as it is in an industrial area past the end of E 18th Street. Multiple addresses have been noted in different documents, including 567 E 18th St. That is also the address associated with the parcel in the county assessor's records. The GPS coordinates are 47.214574 N, 122.41980 W.

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SHARP Report — Part 2 of 2

1981 Tacoma Transload 20250513

First SHARP

SHARP rating — Low

Conceptual site model

05/13/2025

SHARP

