

Marine Lumber Service S Monroe ROW



SHARP Report — Part 1 of 2

[Go to site contamination history](#)

• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Low		ERTS	612742
• SHARP date	02/05/2025		CSID	12151
• EJFlagged?	✓ – No Override		FSID	38921541
• LD confidence level	low		VCP	none
• Cleanup milestone	site hazard assessment		UST ID	none
• SHARPster	Kelly Finley		LUST ID	none

This section is blank if this is the first SHARP	

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	D4	high	multiple chemical types	✓
Groundwater	C3	low	risk to off-site people	✓
Surface water	D4	high	climate change impacts	⊘
Sediment	D4	high	plant/animal tissue data	⊘
Soil	B2	low		

Location and land use info	
525 S Chicago St, Seattle, King County, 98108	
Primary parcel	
Land use	industrial
Responsible unit	NWRO

Sources reviewed
Department of Ecology, August 2, 2015, Site Hazard Assessment
Environmental Partners Inc, June 29, 2012, Remedial Action Work Plan

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 former and current roadway and easement for South Monroe Street. Contaminants of concern are arsenic, copper, zinc, diesel range total petroleum hydrocarbons (TPH-D) and oil range total petroleum hydrocarbons (TPH-O). The likely source of contaminant is the storage of treated lumber on the property north of the site.

Soil comments

In 2009, soil samples showed arsenic and copper above Model Toxics Control Act (MTCA) A screening levels. In 2012, after excavation of some impacted soils, confirmation sampling showed arsenic, copper, and zinc above MTCA A screening levels. The site is completely paved with a vegetated swale installed between 2021 and 2023. Further investigation is needed to fully characterize contamination on site.

Groundwater comments

No ground water sampling data is currently available for the site. However, in 2008 and 2009, sampling of the catch basin on site showed arsenic, copper, zinc, TPH-D, and TPH-O above MTCA A screening levels. Further investigation is needed to determine extent of contamination.

Surface water comments

The closest surface water is the Duwamish River approximately 1/4 mile east of the site.

Sediment comments

The closest surface water is the Duwamish River approximately 1/4 mile east of the site.

Indoor air comments

There are currently no known vapor intrusion contaminants on site, and no buildings currently on site.

Additional factors comments

Multiple chemical groups were confirmed on site including: metals and petroleum. The extent of contamination is not currently known.

Site history

[Go to top](#)

The release of contamination is located nearest the corner of 5th Avenue South and S Monroe. The property immediately north of this site is owned and operated by Marine Lumber Service. It is their "South Yard" where they stored lumber treated with inorganic compounds. In 2012, Ecology concluded those inorganic compounds impacted shallow soils immediately south of the South Yard property boundary.

A remediation effort took place, in 2012, where soil was excavated from a 10 ft x 100 ft area that went 3 feet below ground surface (bgs). However, confirmation sampling showed contamination was still in the soil.

According to TCP maps aerial photos, between 2021 and 2023, a sidewalk and swale were installed on site.

Overflow - Site contamination and cleanup history

No overflow

Marine Lumber Service S Monroe ROW

12151 Marine Lumber Service S Monroe ROW 20250205

First SHARP

SHARP rating — Low

SHARP Report — Part 2 of 2

Conceptual site model

02/05/2025



Assessment scores by environmental medium

