Waste Management of Seattle 1st Ave S

SHARP Report — Part 1 of 2

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• SHARP first SHARP	v2024.04.29	Ecology Info	
• SHARP rating	Low	ERTS	503959
• SHARP date	02/26/2025	CSID	6936
• EJFlagged?	✔ – No Override	FSID	47666565
• LD confidence level	low	VCP	NW1261 (closed)
• Cleanup milestone	cleanup implementation	UST ID	10291
• SHARPster	Cecilia Henderson	LUST ID	4828

This section is blank if this is the first SHARP

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	D4	high	multiple chemical types	⊘
Groundwater	D4	high	risk to off-site people	⊘
Surface water	D4	high	climate change impacts	⊘
Sediment	D4	high	plant/animal tissue data	⊘
Soil	C4	medium		

Location and land use info

7901 1st Ave S, Seattle, King County, 98108

Primary parcel	3124049001
Land use	commercial
Responsible unit	NWRO

Sources reviewed

2007, Partial Sufficiency and Further Action Determination, Ecology

2006, Supplemental Investigation Report, Environmental Partners, Inc.

2005, Underground Storage Tank Independent Cleanup Action Report, The Riley Group

1998, UST Removal & Independent Cleanup Action Letter Report, Riley Environmental

Primary census tract	Associated census tracts
53033011300	none

Local demographics comments

no comments

Source/source area description

The site is currently a commercial warehouse facility, and previously operated as a fuel service station and recyclable materials collection and sorting facility. The site is located in a commercial and industrial area. The site is bordered by SW Kenyon St to the north, 1st Ave S to the east, a commercial building with paved parking area to the south, and a retail fuel service station and Waste Management industrial facility to the west.

Petroleum contamination was discovered in 1997 upon removal of former USTs in the western area of the site.

Soil comments

In 2004, one soil sample collected at 13 feet bgs in the former UST basin reported TPH-G and TPH-D above the Method A cleanup levels. In 2005, a soil boring advanced directly next to this boring did not detect petroleum contamination at 14 and 17 feet bgs. Reporting concluded that up to one cubic yard of petorleum impacted soil may be remaining in this area and considered this de minimis.
Entire site is paved and fenced.

Groundwater comments

Concentrations of petroleum constituents were not reported in most recent four quarterly groundwater monitoring events between May 2005 and February 2006.

Surface water comments

No surface water on site. The Duwamish Waterway is located approximately 0.5 miles northeast (downgradient) of the site.

Sediment comments

No sediment on site. The Duwamish Waterway is located approximately 0.5 miles northeast (downgradient) of the site.

Indoor air comments

No vapor intrusion concerns on site.

Additional factors comments

no comments

Site history

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Between approximately 1955 and 1966, a retail fuel service and vehicle service station was located in the northeast corner of the site. The station included at least three gasoline and/or diesel USTs, one waste oil UST, one heating oil UST, and a vehicle hoist in the service station. In 1966, the fuel and vehicle service station building and equipment was removed. No additional information is available regarding the historical UST system decommissioning.

In 1979, the current site commercial building was constructed. In 1979, two USTs, including one 6,000-gallon gasoline UST and one 8,000-gallon diesel UST and an associated dispenser pump, were installed in the western area of the site.

In 1997, the USTs were removed and visual evidence of petroleum contamination was observed in the UST basin soil and pooled groundwater. Approximately 400 cubic yards of petroleum impacted soil was removed. Confirmation soil sampling reported concentrations of TPH-G, TPH-D, and BTEX exceeding MTCA Method A cleanup levels left in place in the excavation sidewalls and base between 8 and 13 feet bgs.

In 1999, 8 groundwater monitoring wells were installed. Concentrations of TPH-G, TPH-D, and BTEX were reported in groundwater samples exceeding MTCA Method A cleanup levels. Between May 2001 to December 2002, an AS/SVE system was installed and operated. In 2005, two additional groundwater montioring wells were installed. Between 1999 and 2006, groundwater montioring was completed on a quarterly to semi-annual basis. During the most recent groundwater monitoring events conducted in 2006, no petroleum constituents have been reported in groundwater exceeding MTCA Method A cleanup levels.

Between 2004 and 2005, 17 soil borings were advanced across the site to evaluate residual petroleum impacts on site. One soil boring contained a soil sample with TPH-G and TPH-D above the MTCA Method A cleanup level at the maximum depth explored in the former UST basin (13 feet bgs) in 2004; soil samples collected in a subsequent boring adjacent to this location in 2005 did not detect petroleum constituents at 14 and 17 feet bgs.

In 2007, Ecology provided an opinion letter stating that independent remedial actions performed on Site were sufficient to characterize and address petroleum released into soil and groundwater.

Overflow - Site contamination and cleanup history

This SHARP is solely associated with petroleum impacts associated with CSID 6936. Metals contamination on the property related to historical placement of cement kiln dust (CKD) on property in the 1970s, reported in 2006, is associated with a separate CSID 17173. A separate SHARP for CSID 17173 reviews CKD history and impact on this property.

Groundwater depth has been reported between two and eight ft bgs and was 4.5 to 7 feet bgs and flows to the east/northeast.

Waste Management of Seattle 1st Ave S

6936 Waste Management of Seattle 1st Ave S 20250226
First SHARP
SHARP rating — Low

SHARP Report — Part 2 of 2

Conceptual site model
02/26/2025

SHARP