Sumner Auto Repair Petrosave

SHARP Report — Part 1 of 2

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• SHARP first SHARP	v2024.04.29	Ecology Info	
• SHARP rating	Low	ERTS	none
• SHARP date	06/05/2025	CSID	883
• EJFlagged?	✔ – No Override	FSID	3501054
• LD confidence level	low	VCP	SW1538
• Cleanup milestone	remedial investigation	UST ID	2921
• SHARPster	Dean Malte	LUST ID	107

This section is blank if this is the first SHARP

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

Location and land use info

15006 E Main Street, Sumner, Pierce County, 98390

Primary parcel	0520193800
Land use	commercial
Responsible unit	SWRO

Sources reviewed

Ecology, No Further Action Likely VCP Opinion, January 9, 2023.

Farallon Consulting, Environmental Conditions Summary, July 11, 2022.

Adapt, Environmental Issues Summary and Preliminary Remediation Cost Estimate, June 27, 2017.

Adapt, 2016 Groundwater Sampling Update, September 27, 2016.

Adapt, Additional Subsurface Environmental Assessment Work Plan, June 14, 2016.

Adapt, Supplemental Phase II Environmental Site Assessment, October 15, 2008.

Adapt, Limited Phase II Environmental Site Assessment, November 20, 2007.

Marsh, Final Report on Cleanup of Site, November 20, 2006.

Primary census tract	Associated census tracts
53053073301	53053073302

Local demographics comments

EJScreen not available

Source/source area description

The source of contamination at the site is historical petrolrum underground storage tanks (USTs) associated with former automotive fueling and service facilities.

Soil comments

no comments

Groundwater comments

no comments

Surface water comments

no comments

Sediment comments

no comments

Indoor air comments

No structures were present on the property at the time of Ecology's most recent (2023) VCP opinion, but future commercial redevopment was planned.

Additional factors comments

no comments

Site history

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There have been two general phases of work performed at the Site. The first phase of work occurred between 1988 and 2006 and primarily included the removal of eight USTs, the initial characterization of Site soil and groundwater, and excavation of approximately 3,290.4 tons of impacted soil. The first phase of work concluded with an interim cleanup action in 2006.

Based on the reported depths of the 2006 excavations, it appears that most of the contaminated soil identified prior to the interim cleanup action was removed from the Site. However, gasoline-range petroleum hydrocarbons (TPH-G) were detected in one final excavation sample above the MTCA Method A soil cleanup level. In addition, sampling was not performed along the western and northern margins of the property although field observations indicated that contaminated soil likely remained at these locations. Prior to the 2006 excavation, two monitoring wells (MW-2 and MW-3) had TPH-G, diesel (TPH-D), and benzene concentrations above MTCA Method A groundwater cleanup levels. These two wells were decommissioned prior to the 2006 excavation.

The second general phase of work, performed between 2007 and 2022, included multiple subsurface investigations to characterize the remaining impacts to soil and groundwater. The work generally included soil sampling from test pits (2007) and borings (2008 and 2022), installation of additional monitoring wells (2008 and 2022), and groundwater monitoring (2008, 2016, 2022).

The 2007 and 2008 investigations confirmed that soil with contaminant concentrations above MTCA Method A soil cleanup levels remained on the Site along the northern and western property margins, with the greatest impacts near the northwestern corner of the property. In addition, contaminated soil was documented below the final depths of the 2006 excavation at multiple locations including TPH-G, TPH-D, and benzene concentrations exceeding MTCA Method A soil cleanup levels. No additional soil sampling was performed until the 2022 investigation, which included eight soil borings located on the property. Soil samples were analyzed for TPH-G, TPH-D, oil-range hydrocarbons (TPH-O) and BTEX with no contaminants detected at concentrations above the laboratory reporting limits except total xylenes at a concentration below the MTCA Method A cleanup level in one sample.

Overflow - Site contamination and cleanup history

Additional site history:

Groundwater monitoring was performed in 2008, 2016, and 2022. Three new wells including off-property wells MW-5 and MW-6 and on-property well MW-7 were installed in 2008. Three additional on-property wells (MW-8, MW-9, and MW-10) were installed in 2022. With the exception of TPH-D, TPH-G, and trimethylbenzene in one sample collected at MW-7 in April 2008, contaminants have not been detected in groundwater samples at concentrations above MTCA Method A cleanup levels. However, only one monitoring event has been conducted for the wells installed in 2022, and groundwater monitoring conducted since completion of the 2006 interim cleanup action has included just two events in 2008, two in 2016, and one in 2022. Additional groundwater monitoring is needed to confirm that residual soil contamination is protective of groundwater.

In addition to soil and groundwater sampling, one soil gas sample was collected in 2022 near the northwestern corner of the Property to evaluate the potential for future vapor intrusion. The sample was analyzed for TPH, BTEX, and naphthalene. Benzene and TPH were detected, but at concentrations below the MTCA Method B sub-slab soil gas screening levels.

Sumner Auto Repair Petrosave

883 Sumner Auto Repair Petrosave 20250605
First SHARP
SHARP rating — Low

SHARP Report — Part 2 of 2

Conceptual site model
06/05/2025

SHARP

Assessment scores by environmental medium