

Shelton C Street Landfill



SHARP Report — Part 1 of 2

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• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Low		ERTS	SHARP it
• SHARP date	05/07/2025		CSID	2295
• EJFlagged?	⊘ - No Override		FSID	1186
• LD confidence level	low		VCP	SHARP it
• Cleanup milestone	post-cleanup controls & monitoring		UST ID	SHARP it
• SHARPster	Steve Teel		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	C3	high	risk to off-site people	⊘
Surface water	D4	high	climate change impacts	✓
Sediment	D4	high	plant/animal tissue data	⊘
Soil	C2	high		

Location and land use info

C St, Shelton, Mason County, 98594
 Primary parcel 42024-21-60430
 Land use industrial
 Responsible unit SWRO

Sources reviewed

Aspect, 2023, Construction Completion Report, Shelton C Street Landfill, October 25
 Recorded Environmental Covenant
 Aspect, 2024, Annual Groundwater Monitoring Report (2023-2024), October 14
 Aspect, 2022, Engineering Design Report, July 11
 Agreed Order 19541, issued December 20, 2021

Primary census tract	Associated census tracts
42024-21-60430	SHARP it

Local demographics comments

no comments

Source/source area description

The Site is located on an approximately sized 16.7-acre parcel owned by the City. The Property is at the west end of West C Street, just west of the overpass across U.S. Highway 101 in Mason County, Washington. The Property is currently vacant, undeveloped land, covered by shrub vegetation and trees. The surface topography indicates a bowl-like depression near the center of the Property that reflects the limits of historical aggregate mining and subsequent landfilling. Portions of a paved access road that was formerly used to access the base of the bowl-like depression remain in place. Public access to the Property is restricted by a locking gate located approximately 1,500 feet east of the Property on West C Street and signage indicating restricted access.

Soil comments

no comments

Groundwater comments

no comments

Surface water comments

no comments

Sediment comments

no comments

Indoor air comments

no comments

Additional factors comments

no comments

Site history

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The Property has been generally unused since the mid-1980s, and public access to the Property and surrounding properties is restricted for safety reasons. There is no available information that documents landfill closure activities, and it is not known whether any were completed, but the results of the RI indicate that some of the landfill waste was covered with imported soil.

In 2016, the City entered into Agreed Order No. DE 12929 with Ecology to perform an RI and FS and to submit a draft CAP (dCAP) for the Site. The RI field work was conducted between 2017 and 2020. The final RI/FS report and dCAP were provided to Ecology in 2021, fulfilling the requirements of Agreed Order No. DE 12929 (Aspect, 2021).

The Property was purchased by the City in May 1928, including both the parcel and a perpetual easement for access. Landfilling activities started the same year the City acquired the property. In July 1931, the City sold the property to Rainier Pulp and Paper Company but retained the right to continue to use the land as a garbage dump. Rayonier, Incorporated, successor of Rainier Pulp and Paper Company, sold the property back to the City in July 1949.

The landfill received municipal solid waste between approximately 1928 and the mid-1980s. Early on, waste consolidation practices included open burning and on-property incineration, common for the era (Aspect, 2021). Between 1931 and 1974, the landfill received by-products, research waste, and demolition debris from nearby pulp mills.

Sludge from the City's wastewater treatment plant (WWTP) was brought to the landfill between 1973 and the mid-1980s. From 1976 to 1981, fly ash from the wood-burning power plant at the Simpson Timber Company mill was mixed with the WWTP sludge and put in the landfill. The WWTP sludge was disposed of in the northwestern part of the landfill and is estimated to be up to 5 feet thick. The cover soil and WWTP sludge overlie municipal solid waste that is approximately 20 to 25 feet thick.

Overflow - Site contamination and cleanup history

No overflow

Shelton C Street Landfill

2295 Shelton C Street Landfill 20250507

First SHARP

SHARP rating — Low

SHARP Report — Part 2 of 2

Conceptual site model

05/07/2025



Assessment scores by environmental medium

