B&L Woodwaste

SHARP Report — Part 1 of 2

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• SHARP first SHARP	v2024.04.29	Ecology Info	
• SHARP rating	Medium	ERTS	none
• SHARP date	01/08/2025	CSID	2297
• EJFlagged?	✔ – No Override	FSID	1203
• LD confidence level	high	VCP	none
• Cleanup milestone	post-cleanup controls & monitoring	UST ID	none
• SHARPster	Cam Penner-Ash	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	**A1**	medium	risk to off-site people	✔
Surface water	B3	high	climate change impacts	✔
Sediment	B4	medium	plant/animal tissue data	⊘
Soil	C1	high		

Location and land use info

Fife Way & Puget Power Road, Tacoma, Pierce County, 98354

Primary parcel	0420053065
Land use	other
Responsible unit	SWRO

Sources reviewed

B&L Woodwaste Site October 2024 Complaince Monitoring Report, November 15, 2024

Primary census tract	Associated census tracts
53053070703	SHARP it

Local demographics comments

no comments

Source/source area description

Woodwaste was mixed with soil and slag associated with the Asarco site, all of which originated from log sort yards in Commencement Bay. The Asarco slag, known for containing arsenic, eventually begun leaching arsenic into soils and groundwater at the Site. Although the landfill was capped and a barrier wall was constructed around the landfill, arsenic contaminated groundwater has been observed to the north, northwest and south of the Site. Many of these seeps have been attributed to the barrier wall not being correctly keyed into an aquitard located at about 20 feet below ground surface.

Soil comments

The landfill is capped by a thick bentonite cap, but groundwater escapes through seeps in the barrier wall. There is likely arsenic contaminated soil off-landfill, but known areas have been excavated.

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 B&L Woodwaste landfill was used from the mid 1970s to the early 1980s. In 1982, the Commencement Bay Nearshore/Tideflats area, including the Hylebos Waterway and B&L Woodwaste site, were added to the National Priorities List by the EPA. The B&L Woodwaste site was named as a source of arsenic, copper and lead.

In 1992, Ecology issued an Enforcement Order requiring Asarco, Inc and other responsible parties (Murray Pacific, Louisiana-Pacific and Executive Bark) to complete the following:
1) Consolidate woodwaste on the 18 acre property into an 11 acre landfill (B&L).
2) Construct a multi-layer capping system to prevent rain from flushing contamination from the waste.
3) Install and operate a groundwater monitoring well system.
4) Create a plan to address any failure of the remedy.

As Asarco's funds become unavailable in the early 2000s, the remainder of the Cleanup Action Plan was unable to be completed. In 2005, Ecology amended the original Enforcement Order and required the remaining liable parties to complete an evaluation of potential remedies and continue to investigate the wetlands adjacent to site. As Asarco entered into bankruptcy, they had not contributed towards cleanup efforts, while another PLP, Murray Pacific had. In July 2007, the Cleanup Action Plan was finalized and Ecology entered into bankruptcy court proceedings with Asarco. Eventually Ecology acquired a payment of $1-million in order to help fund the implementation of the cleanup action plan.

Since the CAP was finalized, many different methods have been utilized to shrink or contain the spread of arsenic containing groundwater. Most recently a permeable reactive barrier wall was installed on the western portion of the Site in order to reduce concentrations of arsenic, prior to groundwater leaving site.

Overflow - Site contamination and cleanup history

Additional Parcels: 0420053080 and 0420053009

B&L Woodwaste

2297 B&L Woodwaste 20250108
First SHARP
SHARP rating — Medium

SHARP Report — Part 2 of 2

Conceptual site model
01/08/2025

SHARP