

# Baxter South Woodwaste Landfill



SHARP Report — Part 1 of 2

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• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Low		ERTS	731481
• SHARP date	06/04/2024		CSID	17109
• EJFlagged?	✓ – No Override		FSID	100002960
• LD confidence level	low		VCP	none
• Cleanup milestone	initial investigation		UST ID	none
• SHARPster	Tim O'Connor		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	C1	high	risk to off-site people	✓
Surface water	D4	high	climate change impacts	⊘
Sediment	D4	high	plant/animal tissue data	⊘
Soil	C3	medium		

Location and land use info	
6520 188th Street NE, Arlington, Snohomish County, 98223	
Primary parcel	31052200100600
Land use	other
Responsible unit	Solid Waste

Sources reviewed
2016-2022 Annual Baxter South Woodwaste Landfill Groundwater Reports.

Primary census tract	Associated census tracts
53061053509	none

**Local demographics comments**

The Baxter North Landfill and Baxter South Landfill are located in the same census tract; the North Landfill is 4,000 feet north of the South Landfill. Identical EJ data are used for the two landfills.

**Source/source area description**

The Baxter South Woodwaste Landfill is located on 5.83-acre parcel on the northwest side of the JH Baxter Superfund Site (CSID 4768). JH Baxter purchased the parcel in 1978 and disposed of woodwaste in the landfill. The unlined landfill was constructed within a former gravel pit and was closed with a 2-foot soil cover. No gas monitoring probes exist around the landfill. Groundwater beneath the landfill flows northwest toward the Airway Mobile Home Park. The City of Arlington connected the mobile home park to the public water supply after 1990.

**Soil comments**

The landfill has a 2 foot soil cover, which extends to the property boundary on most sides. Soil samples are typically not required under the solid waste regulations.

**Groundwater comments**

The City of Arlington City Group A well was last sampled in April 2017. The concentrations of metals did not exceed the maximum contaminant levels (MCLs). Snohomish Health District sampled a water well at the Airport Mobile Home Park well in 1990. Snohomish Health District recommended the that well be decommissioned and the residents be supplied with City water. No metals results were included in the analysis and no pentachlorophenol was detected from the upgradient JH Baxter Superfund Site.

**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 concentrations of arsenic and manganese exceed MTCA Method B groundwater cleanup levels downgradient of the landfill along the west property boundary. The concentrations of dissolved arsenic ranged from less than 20 to 81 ug/L and the concentrations of dissolved manganese ranged from 3,570 to 8,880 ug/L in downgradient monitoring well BX-3 in 2022. The concentration of pentachlorophenol was 49 ug/L in downgradient well BXS-1 along the north property boundary in 2017. Pentachlorophenol likely originates from the pole treatment area upgradient of the landfill.

Snohomish County Health Department issues a landfill permit for the landfill under WAC 173-304. Ecology's Solid Waste Management (SWM) program provides technical assistance to the health department.

The current property owner purchased the property in 2017. The property owner intended to excavate the wood waste, but his plans have changed and review of the contamination is now necessary.

The landfill is about 1,500 feet east-northeast of a Group A well (ID 02950) owned by the City of Arlington. The landfill is about 250 feet east-northeast of the 10-year time of travel mapped on the Washington Department of Health's Source Water Assessment Program (SWAP) Mapping Application. Groundwater flows northwest from the landfill, and the Group A well appears to be cross-gradient of the landfill.

**Overflow - Site contamination and cleanup history**

6520 188th St NE is used by Snohomish County for three Tax Parcels: 31052200100300, 31052200100301, and 31052200100600.

The JH Baxter Superfund Site (FSID 2709, CSID 4768) is located on Tax Parcels 31052200100300 & 31052200100301.

Because Baxter South Woodwaste Landfill is not associated with those parcels or the superfund site, TCP created a new Facility Site ID specific to Tax Parcel 31052200100600 (which has the same address).

## Baxter South Woodwaste Landfill

17109 Baxter South Woodwaste Landfill 20240604

First SHARP

SHARP rating — Low

## SHARP Report — Part 2 of 2

Conceptual site model

06/04/2024



### Assessment scores by environmental medium

