

Kent Highlands Landfill



SHARP Report — Part 1 of 2

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• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Medium		ERTS	SHARP it
• SHARP date	08/29/2025		CSID	4428
• EJFlagged?	✓ – No Override		FSID	2042
• LD confidence level	low		VCP	SHARP it
• Cleanup milestone	post-cleanup controls & monitoring		UST ID	SHARP it
• SHARPster	Tanner Bushnell		LUST ID	SHARP it

This section is blank if this is the first SHARP	

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	C2	medium	multiple chemical types	✓
Groundwater	C1	high	risk to off-site people	⊘
Surface water	A1	high	climate change impacts	✓
Sediment	B2	high	plant/animal tissue data	⊘
Soil	C1	high		

Location and land use info	
240th & Military Rd, Kent, King County, 98032	
Primary parcel	0002000001
Land use	industrial
Responsible unit	NWRO

Sources reviewed
Kent Highland Landfill 2019-2023 Remedial Action Status Report, 9/1/24
Kent Highlands Landfill - 2019 Periodic Review, 9/2/2019

Primary census tract	Associated census tracts
53033029101	SHARP it

Local demographics comments

EJScreen unavailable

Source/source area description

Closed and capped landfill

Soil comments

no comments

Groundwater comments

no comments

Surface water comments

no comments

Sediment comments

no comments

Indoor air comments

The vapor COC is methane from landfill gas. There is also vinyl chloride exceeding SL in groundwater.

Additional factors comments

no comments

Site history

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The site was previously a natural ravine adjacent to the Green River. The City of Seattle used the ravine as a landfill from 1968 to 1986. A Consent Order was entered into between Ecology and the City of Seattle for site cleanup in 1987. The site was placed on the NPL in 1990. A geomembrane cap and landfill gas system was completed by 1996.

Overflow - Site contamination and cleanup history

Landfill waste is also located in the following parcels: 0002000023, 0002000022, 0002000005, 1522049012, 1522049007, 1522049008, 1522049066, 0002000012, 0002000010

Kent Highlands Landfill

4428 Kent Highlands Landfill 20250829

First SHARP

SHARP rating — Medium

SHARP Report — Part 2 of 2

Conceptual site model

08/29/2025



Assessment scores by environmental medium

