Sound Transit South Bellevue Station

SHARP Report — Part 1 of 2

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• SHARP first assessment	v2024.04.03	Ecology Info	
• SHARP rating	Low	ERTS	726100
• SHARP date	4/17/2024	CSID	17042
• EJFlagged?	⊘ - No Override	FSID	267786
• LD confidence level	low	VCP	none
• Cleanup milestone	CSL listing	UST ID	620372
• Assessor	Olu Akeroro	LUST ID	8046

This section is blank if this is the first SHARP

Assessment Media	Scores	Confidence	Additional Factors	
Indoor air	D4	medium	multiple chemical types	✔
Groundwater	C4	medium	risk to off-site people	⊘
Surface water	D4	medium	climate change impacts	⊘
Sediment	D4	medium	plant/animal tissue data	⊘
Soil	C4	medium		

Location and land use info

2700 Bellevue Way SE, Bellevue, King County, 98004

Parcel(s)	7000100360
Responsible unit	NWRO
Land use	Transportation

Sources reviewed

GeoEngineers Inc. Discovery of Historic Hazardous Substance Release. Sept. 2023

GeoEngineers Inc. Environmental Site Assessment Data Report. July 2015

INNOVEX Environmental Management, Inc. Independent Remedial Action. June 2019

Sound Transit South Bellevue Station

Primary census tract	Associated census tracts
53033023801	SHARP it

Local demographics comments

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no comments

Source/source area description

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Possible demolition debris and imported fill (soil) containing cPAH concentration above MTCA Method A cleanup level remains in the northern portion of the site from unknown origin

Soil comments

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no comments

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Groundwater comments

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no comments

Surface water comments

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no comments

Sediment comments

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no comments

Indoor air comments

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no comments

Additional factors comments

Go to top

no comments

Sound Transit South Bellevue Station

Site contamination and cleanup history

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This property is currently under development by Sound Transit as a Link Light Rail station and a Washington State Department of Transportation (WSDOT) park-and-ride facility. Prior to the discovery of the contaminated imported fill, an Initial Investigation No Further Action was issued to this Site on 08/27/2018. Before construction of the East Link South Bellevue Station which began in 2017 as a park-and-ride facility, environmental investigation studies identified possible demolition debris and imported fill of unknown origin on the property. Soil containing cPAH concentration above MTCA Method A cleanup level remains in the northern portion of the site, which is now covered in-place by the parking garage. The fill is believed to have been deposited when the parcel was developed as a park-and-ride lot in the 1980s.

GeoEngineers performed an environmental investigation of the parcel in 2015 that included the advancement of 11 soil borings to depths ranging between 2 and 23 feet below ground surface (bgs). The investigation identified the presence of widespread fill and selected soil samples that exhibited carcinogenic polycyclic aromatic hydrocarbons (cPAHs) and lube oil concentrations less than MTCA cleanup levels. However, in one boring location at depths of 7 to 8 and 14 to 15 feet bgs, sample analytical results revealed lube-oil range and cPAH concentrations greater than MTCA cleanup levels. Limited groundwater sampling performed included petroleum hydrocarbons chemical analysis, volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), priority pollutant metals, cyanide, pH, and flash point.

Overflow - Site contamination and cleanup history

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Groundwater is believed not to be affected as no groundwater was encountered during remedial actions. Total arsenic concentrations in the groundwater samples were detected at a level greater than the MTCA groundwater cleanup level and the lowest applicable surface water criteria, but less than King County sanitary sewer disposal criteria (important for dewatering discharge permitting). All soil samples were properly labeled and transported to the laboratory under standard chain-of-custody protocols for laboratory analysis.

In 2017 INNOVEX Environmental Management Company performed another environmental investigation, 13 test pits were excavated to depths up to 16 feet bgs and 15 soil samples were collected. Laboratory analytical results revealed cPAHs in three soil samples at concentrations exceeding MTCA cleanup levels. A contaminated debris soil area encountered during the parking garage construction was remediated as part of an Independent remedial action. Confirmation soil samples indicated the presence of cPAHs in two of four confirmation soil samples at concentrations greater than MTCA Method A cleanup levels. Contaminated debris soil samples encountered during the parking garage construction revealed cPAH concentrations greater than MTCA Method A cleanup level.

A total of 1,523 tons of contaminated soil and fill were excavated and transported under manifest for disposal at the Republic Services Regional Disposal Facility in Seattle, Washington. This parcel currently has some contaminated soil in-place that is capped by the Link Light Rail tracks, parking, and landscaping. An institutional control (environmental covenant) will be required to address the in-place contaminated soil.

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04/17/2024

SHARP First Assessment

Low SHARP Rating

SHARP Report — Part 2 of 2

Conceptual site model

SHARP