



CHS Auburn

SHARP Report — Part 1 of 2

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• SHARP first assessment		v2024.04.03	Ecology Info	
• SHARP rating	Low		ERTS	na
• SHARP date	4/12/2024		CSID	5119
• EJFlagged?	✓ – No Override		FSID	2487
• LD confidence level	low		VCP	na
• Cleanup milestone	cleanup implementation		UST ID	3583
• Assessor	Vance Atkins		LUST ID	na

This section is blank if this is the first SHARP

Assessment Media	Scores	Confidence	Additional Factors
Indoor air	C3	high	multiple chemical types <input type="checkbox"/>
Groundwater	C4	high	risk to off-site people <input type="checkbox"/>
Surface water	D4	high	climate change impacts <input type="checkbox"/>
Sediment	D4	high	plant/animal tissue data <input type="checkbox"/>
Soil	C3	high	

Location and land use info	
238 8th St SE Auburn, Auburn, King County, 98002	
Parcel(s)	3141600670, 1921059074, 1921059126, 3141600720, 3141600800
Responsible unit	NWRO
Land use	Commercial

Sources reviewed
2024, Groundwater monitoring and O&M report, Farallon
2014, Feasibility Study, Farallon



CHS Auburn

Primary census tract	Associated census tracts
53033030700	SHARP it

Local demographics comments	Go to top
no comments	

Source/source area description	Go to top
Petroleum contamination was discovered on a downgradient parcel in 1987. Multiple potential sources were identified on the CHS Auburn Site parcel including: a diesel spill from tank overfill, a leak in a below-ground dispenser pipe, and observed soil contamination from underground piping, USTs, the oil-water separator, and possibly ASTs in the bulk fuel storage facility.	

Soil comments	Go to top
Known residual soil exceedances were below Site groundwater surface (>15'bgs). AS/SVE system installed to remediate.	



Groundwater comments

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Groundwater flow generally to northeast. Groundwater plume has been reduced to areas underlying and east of Auburn Way South. Diesel and oil range petroleum biodegradation to polar metabolites is observed based on silica gel treated samples.

Surface water comments

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no comments

Sediment comments

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no comments

Indoor air comments

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AS/SVE system elements installed adjacent to commercial buildings north of 8th St SE provide mitigation measures.

Additional factors comments

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no comments



Site contamination and cleanup history

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USTs/ASTs on the CHS Auburn Site parcel were removed in 1997 and 1998, and a number of interim remedial actions took place. 8100 tons of petroleum-contaminated soils were removed from the facility, with excavation to the water table. LNAPL was recovered from one well, but was removed by 1996. AS/SVE system began operation in to treat source parcel soil and groundwater, with the system expanded in 1995 and 1996 to treat downgradient groundwater. A final FS completed in 2014 recommended modifying the AS/SVE system for efficiency and developing institutional controls for residual contaminated soils (mostly greater than 15' deep). The system has operated continuously since then, with periodic groundwater monitoring. Groundwater quality has shown improvement, with a contraction of the residual groundwater plume to primarily under Auburn Way SE. Most recently, diesel range petroleum exceeding cleanup levels was detected in two monitoring wells (after SG cleanup), and oil- range petroleum exceeding cleanup levels was detected in one monitoring well (after SG cleanup). Gasoline-range petroleum exceeding cleanup levels was detected in one well. BETX did not exceed cleanup levels.



Overflow - Site contamination and cleanup history

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No overflow



Assessment scores by environmental medium

