

• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Low		ERTS	none
• SHARP date	05/05/2025		CSID	3971
• EJFlagged?	⊘ - No Override		FSID	127256
• LD confidence level	low		VCP	NW1554
• Cleanup milestone	cleanup implementation		UST ID	none
• SHARPster	Kim Vik		LUST ID	none

This section is blank if this is the first SHARP

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	D4	medium	multiple chemical types	✓
Groundwater	C3	medium	risk to off-site people	⊘
Surface water	D4	high	climate change impacts	⊘
Sediment	D4	high	plant/animal tissue data	⊘
Soil	C2	medium		

Location and land use info

4403 Russell Road, Mukilteo, Snohomish County, 98208

Primary parcel 00441400004600

Land use commercial

Responsible unit NWRO

Sources reviewed

Pilot Test Results (ISCR/EAB) - 8/26/24

Ecology Opinion Letter on RFFS - 2/9/22

Revised Focused Feasibility Study (RFFS - 7/20/21

Ecology FA Opinion Letter - 6/28/18

Ecology Opinion Letter on RI/FS - 11/8/16

RI/FS - 11/9/15

GMW Reports (multiple) (10/2/09, 3/26/09, 8/20/08, 12/27/05)

(SEE BELOW for additional sources)

Primary census tract	Associated census tracts
53061042006	none

Local demographics comments

EPA EJ Screen not available. Got the Census Tract number from the WTN website.

Source/source area description

The known contamination was caused by releases from former operations at the Property including former Intermec and King Machine, Inc. (both located at 4403 Russell Road), Exotic Metals Welding, aka Exotic Tool Welding, (4433 Russell Road), ACS (located at 4403 and 4433 Russell Road), and the underground storage tank (UST) on the south side of the building at 4493 Russell Road. The primary source of chlorinated volatile organic compounds (CVOCs) contamination in soil and groundwater (GW) appears to have originated from storm drains located east of the former Intermec building (4403 Russell Road). The catch basins were reportedly not tight-lined to the existing main line, but allowed to discharge directly to the subsurface.

Soil comments

no comments

Groundwater comments

Arsenic has been detected in groundwater at concentrations above the background level, however, the locations are sporadic. The primary COC are CVOCs in shallow GW (the plume correlates to the source area).

Surface water comments

no comments

Sediment comments

no comments

Indoor air comments

no comments

Additional factors comments

no comments

Site history[Go to top](#)

The Property was undeveloped land until approximately 1953 when a single-family residence was constructed on the southeast portion of the Property. The industrial park was constructed between 1976 and 1978. Former tenants included Intermec Corporation (Intermec)(electronics manufacturer), King Machine, Inc. (motorcycle repair and service), Absolute Cleaning Services (ACS) (commercial rag cleaning), storage warehouses, woodworking businesses, and other light industrial operations since 1976. Current tenants include commercial and light industrial businesses.

Investigations at the Site have been conducted from 1994 to 2021, including assessment of the storm drain system, UST removal, contaminated soil removal, well installations, and soil and GW sampling. GW occurs in shallow perched zones in the fill and weathered till (2 to 7 ft bgs), and at approximately 58 ft bgs (in the unweathered till) and at 162 ft bgs (in the underlying advance outwash - Esperance Sand). CVOCs are the primary contaminant of concern (COC) for the soil and groundwater at the Site. TPH-D/O in soil is also above MTCA Method A cleanup levels (CULs); however, the concentrations have been decreasing over time. Arsenic in GW has also been detected, but are primarily below background levels. CVOCs in soil and GW are located near the northeast corner of the former Intermec building (4403 Russell Road). A vapor intrusion evaluation conducted in 2018 showed that VOCs were not detected above the method reporting limits (MRLs) in soil gas sampled collected near the source area.

Groundwater treatment (ISCO) was conducted in 2006 which helped reduce CVOCs in shallow groundwater. The selected cleanup alternative focuses on the reduction of CVOCs in soil and GW and included ISCR/EAB (injections). The pilot test conducted in 2023 showed that the technology is effective at reducing CVOCs in GW. A full-scale injection plan was designed and implemented in 2024. Cleanup is ongoing and expected to continue for at least 4 years.

ISCO = in-situ chemical oxidation

ISCR/EAB = in-situ chemical reduction/enhanced anaerobic biodegradation

Overflow - Site contamination and cleanup history

ADDITIONAL SOURCES:

Supplemental Phase II Report - 6/22/05

Phase I Report - 6/20/05

Site Assessment Report - 9/25/96

Phase II ESA Report - 8/3/95

UST Removal Report - 7/24/95

Phase I ESA Report - 10/25/94

Note that the land use is "light industrial"; however, the surrounding area is a mixture of light industrial and commercial.

HERS Industrial Park

3971 HERS Industrial Park 20250505

First SHARP

SHARP rating — Low

SHARP Report — Part 2 of 2

Conceptual site model

05/05/2025



Assessment scores by environmental medium

