

Ranier Trail & Memorial Field



SHARP Report — Part 1 of 2

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• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	High		ERTS	SHARP it
• SHARP date	09/09/2025		CSID	16582
• EJFlagged?	⊘ - No Override		FSID	57044
• LD confidence level	low		VCP	SHARP it
• Cleanup milestone	remedial investigation		UST ID	SHARP it
• SHARPster	Vance Atkins		LUST ID	SHARP it

This section is blank if this is the first SHARP

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	D4	high	multiple chemical types	⊘
Groundwater	A1	high	risk to off-site people	⊘
Surface water	D4	medium	climate change impacts	⊘
Sediment	D4	medium	plant/animal tissue data	⊘
Soil	A1	high		

Location and land use info

135 E Sunset Way, Issaquah, King County, 98027

Primary parcel 5279100070

Land use recreational

Responsible unit NWRO

Sources reviewed

2025, Farallon, Remedial Investigation Work Plan, Memorial Field and Rainier Trail Site, dated September 5.

Primary census tract	Associated census tracts
53033032103	53033032104 contains Rainier Trail site, rank 8

Local demographics comments
EJScreen offline at time of SHARP

Source/source area description
The City of Issaquah (City) historically conducted firefighting training exercises at the Site, which included lawful deployment of aqueous film-forming foam (AFFF) containing perfluorooctane sulfonate (PFOS) and additional per- and poly-fluorinated alkyl substances (PFAS). The known releases have impacted vadose zone soil at two source areas, the Memorial Field Source Area at 105 2nd Avenue Northeast and the Rainier Trail Source Area at King County Parcel 3424066043; and impacted groundwater which is a source for the City's drinking water.

Soil comments
PFAS-contaminated soils above screening levels have been identified at the Memorial Field and Rainier Trail former AFFF training areas. Concentrations exceeding screening levels have been detected from near-surface to greater than 15 feet. Additional soil investigations are planned as part of the RI process to further delineate impacted soils at both the Memorial Field and Rainier Trail sites.

Groundwater comments
PFAS/PFOA compounds have been detected in Site groundwater exceeding screening levels. Three waterbearing zones have been contaminated (Shallow, Intermediate, Deep). PFAS exceeding screening levels has been confirmed in City of Issaquah public supply wells, approximately 4,500 feet north-northeast of the EFR HQ site. A granular activated carbon water treatment system has been installed by the City to treat drinking water to non-detect levels. Sammamish Plateau Water and Sewer District wells have also been found to have PFAS concentrations exceeding screening levels, and have been taken offline pending installation of a treatment

Surface water comments

The East and Main forks of Issaquah Creek approximately 500 feet northeast and 600 feet west of the Source Areas, respectively. The creek has been gaged and determined to be a losing reach at its closest approach to the Source Areas. The creek transitions to a gaining reach at the confluence of the Main and East forks to the north.

Sediment comments

The East and Main forks of Issaquah Creek approximately 500 feet northeast and 600 feet west of the Source Areas, respectively. The creek has been gaged and determined to be a losing reach at its closest approach to the Source Areas. The creek transitions to a gaining reach at the confluence of the Main and East forks to the north.

Indoor air comments

no comments

Additional factors comments

no comments

Site history

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Memorial Field is a park with sports fields. AFFF training generally took place in the southeastern corner of the property on an approximately monthly basis between the 1980s to mid 1990s at a frequency of approximately once or twice per year. Rainier Trail Source Area is an abandoned rail grade with a gravel surface that has been converted to a walking trail. Historical AFFF training was performed along the central portion of the Rainier Trail Source Area during the period from approximately the early 1970s through the early 1980s at a frequency of approximately once per year.

Overflow - Site contamination and cleanup history

Site also incorporates Rainier Trail, King Co Parcel 3424069043

Ranier Trail & Memorial Field

16582 Ranier Trail & Memorial Field 20250909

First SHARP

SHARP rating — High

SHARP Report — Part 2 of 2

Conceptual site model

09/09/2025



Assessment scores by environmental medium

