

EFR HQ IVES



SHARP Report — Part 1 of 2

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• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Critical		ERTS	SHARP it
• SHARP date	09/09/2025		CSID	16581
• EJFlagged?	⊘ - No Override		FSID	83936264
• 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	A1	medium	climate change impacts	✓
Sediment	B3	low	plant/animal tissue data	⊘
Soil	A1	high		

Location and land use info	
175 Newport Way NW, Issaquah, King County, 98027	
Primary parcel	2824069165
Land use	other
Responsible unit	NWRO

Sources reviewed
2025, Farallon, Remedial Investigation Work Plan, Eastside Fire and Rescue Headquarters and Issaquah Valley Elementary School Site, dated September 5.



Primary census tract	Associated census tracts
53033032103	

Local demographics comments
EJScreen offline at time of SHARP

Source/source area description
<p>Issaquah Eastside Fire & Rescue (EFR) and 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 EFR Headquarters (HQ) Source Area at 175 Newport Way Northwest and the Issaquah Valley Elementary School (IVES) Source Area at 555 Northwest Holly Street; and impacted groundwater which is a source for the City's drinking water.</p>

Soil comments
<p>PFAS-contaminated soils above screening levels have been identified at the EFR HQ training area, as well as locations at the IVES parcel. Concentrations exceeding screening levels have been detected from near-surface to greater than 15 feet at the EFR HQ. Additional soil investigations are planned as part of the RI process to further delineate impacted soils at both the EFR HQ and IVES sites. Children have unrestricted access to the IVES parcel but not to the EFR HQ parcel.</p>

Groundwater comments
<p>PFAS 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 system.</p>

Surface water comments

Issaquah Creek is adjacent to the IVES source area. The creek has been gaged and determined to be a losing reach at its closest approach to EFR HQ. The creek transitions to a gaining reach at the confluence of the Main and East forks north of the IVES site. Prior sampling of creek surface water did not detect PFAS/PFOS compounds. Further sampling is scoped for the RI process. A number of salmonid species are recorded in the creek. The Site is less than two miles upstream from Lake Sammamish.

Sediment comments

Sediment sampling at points along Issaquah Creek are scoped during the upcoming RI process. New data may change this ranking.

Indoor air comments

no comments

Additional factors comments

TCP maps shows historic landslide adjacent south of EFR parcel.

Site history

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The EFR built the facility in 1992 and operated it as a headquarters, maintenance facility, and fire station through 1999. The facility was converted to administration as of 2002, and active fire station operations were moved off-site. AFFF training generally took place in the western end of the property on an approximately monthly basis between the 1980s to late 1990s.

At the IVES location, historical AFFF training was performed at the West Playfield AFFF Training Area from approximately the early 1970s through the early 1980s at a frequency of approximately once or twice per year. Training was conducted on the lawn west of the Issaquah Valley Elementary gymnasium using service water from the southeast-adjacent fire hydrant.

Historical AFFF training was performed at the Dodd Field AFFF Training Area from approximately the early 1970s through the early 1980s on a similar schedule to the West Playfield at a frequency of approximately once or twice per year. Exercises were conducted on the lawn east of the driveway in an area previously described as blackberry bramble using service water from the southwest-adjacent fire hydrant. This area impacted by PFAS is now a lawn with trees and likely extends onto land that is overlain by the present ballfields.

Overflow - Site contamination and cleanup history

Site also incorporates Issaquah Valley Elementary School & Dodd Fields Park: 555 NW Holly St. FSID 87761647, King County Parcel 2824069012



Assessment scores by environmental medium

