

Swamp Creek PFAS



SHARP Report — Part 1 of 2

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• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Medium		ERTS	734364
• SHARP date	01/15/2025		CSID	17199
• EJFlagged?	✓ – No Override		FSID	100003491
• LD confidence level	low		VCP	none
• Cleanup milestone	initial investigation		UST ID	none
• SHARPster	David Unruh		LUST ID	none

This section is blank if this is the first SHARP

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	D4	high	multiple chemical types	✓
Groundwater	C3	low	risk to off-site people	✓
Surface water	D4	high	climate change impacts	⊘
Sediment	B4	low	plant/animal tissue data	⊘
Soil	A1	medium		

Location and land use info

10700 Minuteman Dr, Everett, Snohomish County, 98204

Primary parcel 28042300200400

Land use undeveloped

Responsible unit NWRO

Sources reviewed

GeoEngineers, Data Report, Snohomish County Airport - Swamp Creek Study Area, November 6, 2024

Primary census tract	Associated census tracts
53061041901	53061041905

Local demographics comments

no comments

Source/source area description

Releases at the Site consist of per- and polyflouroalkyl substances (PFAS) including the compounds PFOA, PFOS, PFNA, and PFHxS. Samples collected at the Site to date have been collected near stormwater outfalls that drain the southeastern portion of Paine Field Airport and uses include light industrial use, runways, and aircraft storage. Several releases of aqueous film forming foam (AFFF), which contains PFAS compounds, were documented in the southeastern portion of Paine Field from 1990s through 2010.

Soil comments

Preliminary soil sampling at the Site identified PFOA, PFOS, PFNA, and PFHxS above screening levels in soils from 0.5 to 2 feet below ground surface (bgs).

Groundwater comments

Groundwater samples have not been collected at the Site. However, surface water contaminated with PFAS above the screening levels is present and may infiltrate to the subsurface.

Surface water comments

Surface water on the Site is present in small wetlands, streams, and ephemerally in stormwater detention vaults.

Sediment comments

Catch basin solids samples collected from the Site did not contain PFAS above the screening levels. Sediments samples have not been collected from surface water bodies on the Site.

Indoor air comments

PFAS compounds found above screening levels at the Site are not volatile.

Additional factors comments

no comments

Site history

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Soil, catch basin solids, and surface water samples were collected from wetlands adjacent to stormwater outfalls that drain the southeastern portion of Paine Field. Soil and surface water samples contained PFOA, PFOS, PFNA, and PFHxS above Washington State's preliminary cleanup levels for these compounds.

Overflow - Site contamination and cleanup history

No overflow

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First SHARP

SHARP rating — Medium

SHARP Report — Part 2 of 2

Conceptual site model

01/15/2025



Assessment scores by environmental medium

