Boeing Renton

SHARP Report — Part 1 of 2

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• SHARP first SHARP	v2024.04.29	Ecology Info	
• SHARP rating	Medium	ERTS	none
• SHARP date	04/02/2026	CSID	820
• EJFlagged?	✔ – No Override	FSID	2097
• LD confidence level	low	VCP	none
• Cleanup milestone	cleanup action plan	UST ID	none
• SHARPster	Michelle A Myers	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	B1	medium	risk to off-site people	✔
Surface water	A1	low	climate change impacts	✔
Sediment	B1	low	plant/animal tissue data	⊘
Soil	B1	medium		

Location and land use info

737 Logan Ave N, Renton, King County, 98057

Primary parcel	0723059001
Land use	industrial
Responsible unit	Haz Waste

Sources reviewed

Goundwater Monitoring Report - Dry Season 2025, November 2025.

Greater Lake Washington Watershed PFAS Survey: Final Report, July 2025.

Cleanup Action Plan, September 2012.

Remedial Investigation Report, August 2001.

Primary census tract	Associated census tracts
53033025302	

Local demographics comments

A zero was applied to all EJscreen parameters because the Ejscreen website was not available at the time of rating.

Source/source area description

The Site's contamination is believed to be the result of aircraft manufacturing and maintenance activities, which involve the use and storage of various hazardous materials. Onsite releases were the result of tank leaks, spills, and improper handling of these hazardous materials, leading to localized contamination of soils and groundwater. The primary contaminants are consistent with the hazardous substances historically used and discarded at the facility, including solvents, petroleum products, semivolatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), and metals.

Soil comments

Remaining known soil contaminants include volatile organic compounds (VOCs), metals and metaloids, and petroleum hydrocarbons. Recent confirmation sampling for a 2025 AFFF release at Renton Municipal Airport showed detections of per- and polyfluoroalkyl substances (PFAS) above Washington's Model Toxics Control Act (MTCA) Cleanup Levels and Risk Claculation (CLARC) screening levels for soil in an unpaved area of the Site.

Groundwater comments

Remaining known groundwater contaminants include volatile organic compounds (VOCs), metals and metaloids, and petroleum hydrocarbons. In the 2026 Periodic Review, Ecology recommended that Boeing evaluate the potential impacts of their site contamination on Renton's downtown wells. Ecology's Environmental Assessment Program (EAP) published a 2025 survey of per- and polyfluoroalkyl substances (PFAS) in the Greater Lake Washington watershed, which reported PFAS detections above the MTCA CLARC screening levels on the eastern bank of the Cedar River near its mouth, in the Cedar River Trail Park, between the river and the Boeing Renton

Surface water comments

Ecology's Environmental Assessment Program (EAP) published a 2025 survey of per- and polyfluoroalkyl substances (PFAS) in the Greater Lake Washington watershed, which reported PFAS detections above the MTCA CLARC screening levels on the eastern bank of the Cedar River near its mouth, in the Cedar River Trail Park, between the river and the Boeing Renton facility, near the Boeing Renton Fire Station. Additional investigation is recommended to determine if PFAS is present in Site groundwater and if a pathway exists to surface water. Cedar River and Lake Washington are important migration pathways for salmonids, are used for recreation, and

Sediment comments

Ecology's Environmental Assessment Program (EAP) published a 2025 survey of per- and polyfluoroalkyl substances (PFAS) in the Greater Lake Washington watershed, which reported PFAS detections above the MTCA CLARC screening levels on the eastern bank of the Cedar River near its mouth, in the Cedar River Trail Park, between the river and the Boeing Renton facility, near the Boeing Renton Fire Station. Additional investigation is recommended to determine if PFAS is present in Site groundwater and if a pathway exists to sediment. Cedar River and Lake Washington are important migration pathways for salmonids, are used for recreation, and

Indoor air comments

VOCs or gasoline/diesel-range hydrocarbons were not encountered in soil within 1-foot of a building foundation or floor-slab.

Additional factors comments

no comments

Site history

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The Site is approximately 180 acres owned by the Boeing Company (Boeing) and 18 acres leased from the City of Renton on the western side of the Cedar River waterway, at the City of Renton Municipal Airport. The surrounding area includes a mix of commercial, residential, and industrial uses, with Lake Washington to the north, retail and residential areas to the east and west, a high school stadium to the south, and the Cedar River and Cedar River Trail Park transecting the western portion of the Site.

The Boeing Renton Plant sits on property originally selected by the U.S. government in 1941 for a seaplane facility, with construction beginning on a 95-acre marshland site. In 1945, a 5,000-foot runway was added on land reclaimed from Lake Washington, forming part of the City of Renton Municipal Airport. Boeing purchased the original 95 acres from the Air Force in 1962 and has been the owner and operator of the facility since at least 1980. Historically, the plant has focused on the manufacture of Boeing 737 and 757 aircraft, and it currently produces only the 737. Major operations have included parts preparation, mechanical assembly, coating, testing, and other support activities associated with final aircraft assembly.

Overflow - Site contamination and cleanup history

Additional parcels: 0723059007, 0723059046, 0723059100, 0886610090, 0886610080, 0823059019, 0823059209, 0886610060, 0886610050, 0886610040, 0886610030, 0886610020

Boeing Renton

820 Boeing Renton 20260402
First SHARP
SHARP rating — Medium

SHARP Report — Part 2 of 2

Conceptual site model
04/02/2026

SHARP