TECT Aerospace Everett

SHARP Report — Part 1 of 2

• SHARP first assessment		This section is blank if this is a SHARP first assessment
• SHARP Tool Version	v2024.03.27	
• SHARP rating	Low	
• SHARP date	3/28/2024	
• EJFlagged?	✔	
• LD data confidence level	low	
• Cleanup milestone	remedial investigation	
• Assessor	Kirkman / Unruh	

Assessment Media	Scores	Conf
Indoor air	B1	medium
Groundwater	C2	high
Surface water	D4	high
Sediment	D4	high
Soil	C1	high

Additional Factors	
multiple chemical types	✔
risk to off-site people	⃠
climate change impacts	⃠
plant/animal tissue data	⃠

Ecology Info	
ERTS	515966, 680219
CSID	12071
FSID	17392
VCP	NW3328
UST ID	n/a
LUST ID	n/a

Location and Land Use Info

2933 109th St SW, Everett, Snohomish County, 98204 — Responsible unit – NWRO

Parcel 28042200400100, 28042200400101, 28042200400102, 28042200400104, 28 — Land use – Industrial

Source/source area description

Contamination at the Site has been released from multiple sources. Contamination in the southern portion of the Site is related to a former degreaser pit located in the south corner of Building C-19. Contaminaiton in the central portion of the Site is related to releases in building C-22 related to metal fabrication. Releases in the northern portion of the Site are related to a historical UST farm and chemical storage bunker at former Building C-29.

Local demographics comments

no comments

Soil comments

no comments

Groundwater comments

no comments

Surface water comments
no comments

Sediment comments
no comments

Indoor air comments
Buildings C-20 to C-23 were demolished in early 2024. Remaining buildings with potential for vapor intrusion at the Site include Building C-19 and the ATS hangar to the west of the Building C-29/Former Fuel Farm area.

Additional factors comments
no comments

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Site narrative summary

Investigations at the Site began in 1992 and 1993 with the discovery of a potential release of chlorinated volatile organic compounds (CVOCs) at Building C-19 in the southern portion of the Site. Soil and groundwater samples contained CVOCs including tetrachloroethylene; trichloroethylene; 1,1,1-trichloroethane; cis-1,2-dichloroethene; and vinyl chloride above the standard Method B cleanup levels for unrestricted use.

Petroleum hydrocarbons including benzene, toluene, ethylbenzene, xylenes (collectively BTEX), and gasoline- (TPH-G) and diesel- and oil-range (TPH-D+O) total petroleum were found in soil and groundwater below Buildings C-19 to C-23 and adjacent to a former fuel farm located in the northern portion of the Site. Other contaminants in soil and groundwater at the site include 1,4-dioxane; arsenic; and chromium.

One 12,000-gallon underground storage tank (UST) and approximately 100 cubic yards of soil were removed from the former fuel farm area in the northern portion of the Site in 1992. Confirmation samples collected from the limits of this excavation did not contain total petroleum hydrocarbons above the Method A cleanup level. Another 12,000-gallon UST scheduled for removal at this time could not be located. At least 2 additional USTs remain in place in this area.

In 2011, a remedial action to removed soil contaminated with TPH-D+O was conduted at Building C-19. Shallow contaminated soil was removed from a total of 6 excavations advanced below the building. Soil confirmation samples showed all contaminated soil associated with releases of TPH-D+O was successfully removed from this portion of the Site.

A remedial investigation, feasibility study, and draft cleanup action plan are planned for the Site under Agreed Order No. 21781. Additional remedial investigation activities are planned for 2024 to complete necessary characterization of the site to draft the feasibility study and select a cleanup action for the Site.

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03/28/2024

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Low SHARP Rating

SHARP Report — Part 2 of 2

Conceptual site model

SHARP