

Snohomish PUD 3rd Ave NE



SHARP Report — Part 1 of 2

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• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Low		ERTS	657576
• SHARP date	08/05/2024		CSID	17116
• EJFlagged?	⊘ - No Override		FSID	49131
• LD confidence level	low		VCP	none
• Cleanup milestone	initial investigation		UST ID	none
• SHARPster	Priscilla Tomlinson		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	D4	medium	risk to off-site people	⊘
Surface water	D4	high	climate change impacts	⊘
Sediment	D4	high	plant/animal tissue data	⊘
Soil	D4	high		

Location and land use info	
28514 3rd Ave NE (aka Kuhnhauser Rd), Arlington, Snohomish County, 98223	
Primary parcel	32041300400901
Land use	residential
Responsible unit	NWRO

Sources reviewed
Letter from Snohomish PUD #1 to Ecology Re: Oil Spill Incident, ERTS #657576. January 27, 2016.

Primary census tract	Associated census tracts
53061053302	none

Local demographics comments
no comments

Source/source area description
Three pole-mounted transformers are located on the west side of 3rd Avenue NE about 115 feet north of the driveway to 28418 3rd Avenue NE and about 500 feet south of the driveway to 28610 3rd Avenue NE. The roadway appears to be owned by the county while the ditch area appears to be owned privately.

Soil comments
Soil sampling demonstrated concentrations of mineral oil below Method A at the completion of cleanup.

Groundwater comments
There are no groundwater data, but mineral oil does not leach easily and it was cleaned up quickly.

Surface water comments

Water is present in the ditch periodically, but the ditch was dry at the time of the spill.

Sediment comments

Soil sampling in the ditch demonstrated concentrations of mineral oil below Method A.

Indoor air comments

Mineral oil is not volatile.

Additional factors comments

no comments

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On June 19, 2015, Snohomish County Public Utility District (PUD) reported a 600-gallon release of mineral oil from one of the transformers, which was suspected to be broken. On June 23, 2015, this incident was reported again by Snohomish County Surface Water Management under their NPDES general permit requirements.

A sport utility vehicle traveling south on 3rd Ave NE struck the first pole and came to rest at the second pole. As first responders arrived at the scene, a regulator rack fell onto the vehicle with the powerlines still energized and the spilled mineral oil caught fire. The fire burned about seven hours until it was safe to approach and extinguish. About 60-70 gallons of oil moved south down the west ditch, contaminating about 300 linear feet of soil and 200 linear feet of roadway surface. The ditch connects to a fish-bearing stream, but the ditch was dry and no oil reached surface water.

The regulators were listed as containing non-PCB oil, which was confirmed by samples of the remaining oil collected on June 23.

National Response Corporation removed about 30 yards of contaminated soils and vegetation between June 19 and June 30. The contaminated roadway was patched by Snohomish County Road crews. Three soil samples collected after the removal from areas suspected to be most likely to have high concentrations contained petroleum hydrocarbons in the oil range at concentrations up to 3,600 mg/kg, which is below the Method A cleanup level of 4,000 mg/kg.

The report from Snohomish County PUD #1 indicates that fire fighters used an unspecified "firefighting foam" on the fire. No sampling was conducted for PFAS because it was not standard practice in 2015. This SHARP report is for the mineral oil that spilled and burned.

Overflow - Site contamination and cleanup history

No overflow

Snohomish PUD 3rd Ave NE

17116 Snohomish PUD 3rd Ave NE 20240805

First SHARP

SHARP rating — Low

SHARP Report — Part 2 of 2

Conceptual site model

08/05/2024



Assessment scores by environmental medium

