

Olympic Pipeline Spill Conway



SHARP Report — Part 1 of 2

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• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Low		ERTS	727283
• SHARP date	05/16/2025		CSID	17006
• EJFlagged?	⊘ - No Override		FSID	100001019
• LD confidence level	low		VCP	none
• Cleanup milestone	initial investigation		UST ID	none
• SHARPster	Michael Warfel		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	high	risk to off-site people	⊘
Surface water	D4	high	climate change impacts	✓
Sediment	D4	high	plant/animal tissue data	⊘
Soil	C3	high		

Location and land use info

SR 534 MP 46, Conway, Skagit County, 98274

Primary parcel P16711

Land use agricultural

Responsible unit NWRO

Sources reviewed

CTEH. BP Olympic Pipeline Environmental Sampling Report, Conway, Washington

MP-46 Gasoline Spill. December 14, 2023 - March 28, 2024.

WSP Projects, Inc. Initial Site Investigation Report, Olympic Pipeline Gasoline Spill,

Conway, Washington. July 2, 2024.

CTEH. BP Olympic Pipeline Air Monitoring and Sampling Report, Conway, Washington

MP-46 Gasoline Spill. September 17, 2024.

CTEH. Bioassay Report Transmittal, Olympic Pipeline Gasoline Spill and Remediation

Project Sediment Evaluation. March 18, 2025.

Primary census tract	Associated census tracts
53057952700	none

Local demographics comments

no comments

Source/source area description

The release source was a pressure sensor tubing failure inside the petroleum pipeline control vault. Gasoline under pressure in the pipeline leaked into the vault, overflowed onto the ground adjacent to the vault, and flowed overland into the adjacent Hill Ditch.

Soil comments

Post-excavation soil confirmation samples collected in January 2024 showed exceedances of MTCA Method A cleanup levels for BTEX (benzene, toluene, ethylbenzene, xylenes) at six locations that are not accessible for further cleanup due to proximity of pipeline valve control infrastructure.

Groundwater comments

Geotechnical borings GT-1, GT-2, GT-3 drilled in January 2024 documented the presence of an extensive clay unit below the surficial fill and sandy gravel, to depths of 25 to 30 feet below ground surface. The clay unit thickness ranged from 17 to 24 feet. Groundwater encountered in glacial outwash (silty gravel and sand) rose to levels of levels 0.25 to 3.5 feet above ground surface in these borings, indicating confined (artesian) groundwater conditions and an upward hydraulic gradient. This silty gravel and sand unit appears to be upper portion of the regional aquifer that is recharged from highlands located east of the site.

Surface water comments

The gasoline release from the pipeline flowed overland into the adjacent Hill Ditch, which flows south into Fisher Slough and the Skagit River. Five surface water samples collected between January 10 and February 15, 2024, in Hill Ditch showed contaminant concentrations above surface water cleanup standards. No other exceedances were reported through March 28, 2024, when sampling ended.

Sediment comments

Sediment samples from Hill Ditch, Fisher Slough, and the Skagit River were collected between December 20, 2023, and March 26, 2024. None of the sample results exceeded sediment management standards. Bioassay testing on two sediment samples collected on November 22, 2024, confirmed compliance with Ecology sediment management standards.

Indoor air comments

The only building on the site is the petroleum pipeline control vault, which is not a habitable structure. There is no vapor intrusion pathway associated with the gasoline release from the pipeline.

Additional factors comments

Site is within the Base Flood Elevation During 100-Year Storm zone

Site history

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On December 10, 2023, a piping failure within an Olympic Pipeline control vault near Conway, Washington, released approximately 15,871 gallons of gasoline to the environment. The gasoline flowed out of the vault, across a farm field, through a forested stream bank, and into Hill Ditch. Cleanup efforts included recovery of approximately 8,324 gallons of gasoline and removal of approximately 4,293 cubic yards of contaminated soil. Air, soil, surface water, and sediment sampling were completed during the characterization and cleanup of the release, which ended on March 24, 2024, when the emergency response by the Ecology Spills Program (under a Unified Command) transitioned the site to the Ecology Toxics Cleanup Program. Cleanup of the residual soil contamination located in currently inaccessible areas of the pipeline control vault infrastructure will likely be pursued through the Ecology Voluntary Cleanup Program.

Overflow - Site contamination and cleanup history

No overflow

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17006 Olympic Pipeline Spill Conway 20250516

First SHARP

SHARP rating — Low

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Conceptual site model

05/16/2025



Assessment scores by environmental medium

