BP Cherry Point Refinery

Site Hazard Assessment and Ranking Process (SHARP) Report

DEPARTMENT OF ECOLOGY State of Washington

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Location and land use info		Ecology Info	
4519 Grandview Rd, Blaine, Whatcom County, 98230		CSID	4885
		FSID	13
Land use	industrial	VCP	none
Responsible unit	Industrial	ERTS	none
Cleanup milestone	cleanup implementation	UST ID	6126
Parcel numbers	SHARP it	LUST ID	692

SHARP Results

Assessed by	Liem Nguyen
SHARP Date	09/22/2026
Environmental justice concerns?	EJFlag - Default overridden
EJ confidence level	low

SHARP Rating: Medium

Site Points: 536

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	B2	low	multiple chemical types	maybe
Groundwater	C3	low	risk to off-site people	maybe
Surface water	D4	low	climate change impacts	no
Sediment	B2	low	plant/animal tissue data	no
Soil	C2	low		

Media score = exposure and severity. Exposure score: A to D, A=current exposure. Severity score, 1 is the most severe. See https://ecology.wa.gov/SHARP for more information.

This section is blank if this is the first SHARP

Sources reviewed

Primary census tract	Associated census tracts
53073010504	53073010411, 53073010407

Local demographics comments

Override no-default EJ Flag: site is in a Tribal Census Tract.

Source/source area description

The refinery began operating in 1971 and has about 800 employees. The facility turns crude oil into a variety of petroleum products.

At full production, BP is capable of processing approximately 235,000 barrels of crude oil each day.
Wastewater from the petroleum making process and contaminated stormwater are treated and sent to the Strait of Georgia.
Other stormwater runoff (such as what comes from the parking lot) is treated and sent to Terrell Creek, ultimately ending up in Birch Bay.

Soil comments

no comments

Groundwater comments

no comments

Surface water comments

no comments

Sediment comments

no comments

Indoor air comments

no comments

Additional factors comments

no comments

Site history

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The refinery's hazardous waste permit identified the oily water sewer as a solid waste management unit with potential for releases to soil and groundwater. While we are not aware of any current releases from the unit, and Agreed Order and corrective action hazardous waste permit requires BP to investigate and clean up any contamination.

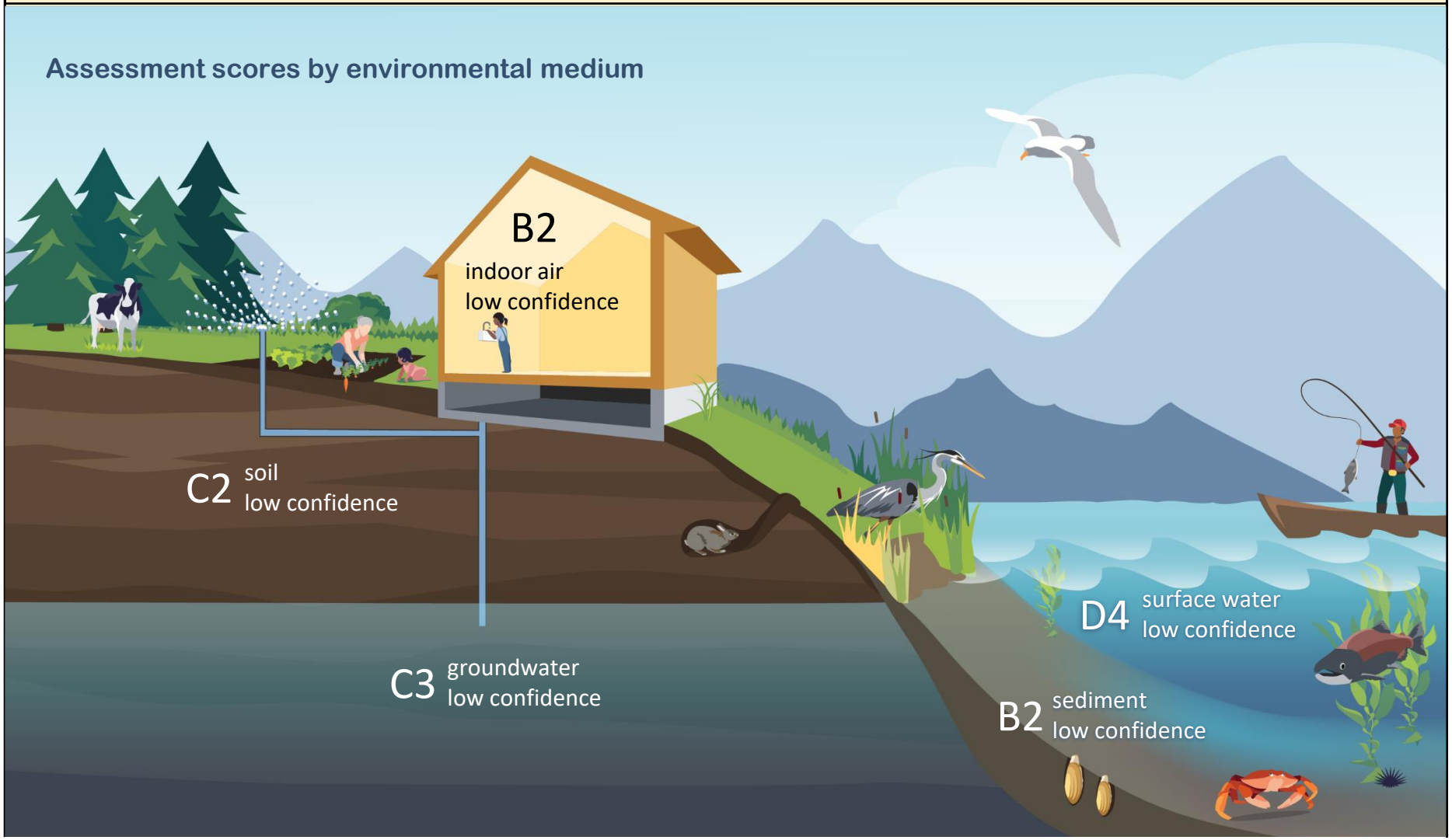
Overflow - Site contamination and cleanup history

No overflow

BP Cherry Point Refinery

4885 BP Cherry Point Refinery 20260922
First SHARP
SHARP rating — Medium

SHARP Report — Part 2 of 2

Conceptual site model
09/22/2026

SHARP