

SHORELINE AREA (Reach Code): SQUALICUM 10
REACH NUMBER: 10

Land Use	Current Land Use	Undeveloped fallow field and light industrial (Ref# 8,37,71)
	Zoning	18.9 acres industrial (Ref# 54,104)
Potential Species Present	Wildlife species	In 65% of the reach: presence of an abundance of garter snakes and lizards with denning habitat; a variety of non-urban mammals, including habitat specific species; a variety of non-urban birds dominate, including habitat specific species; a variety of native amphibians. Movement is possible for all sizes of animals, including amphibians in 65% of the reach (percentage may be high). (Ref# 61,69,70,105)
	Fish species	Chinook, Coho, Sea-run Cutthroat, Steelhead. Presumed for Bull trout and Chum (Ref# 69,70,94,105)
	PHS species/habitat	Approximately 65% of the reach has habitat for breeding and/ or rearing use by PHS or SC. (Ref# 24,92,93,105)
	TSE species	Bull trout (FT), Chinook (FT & SC), Coho (FCo), and Cutthroat (FCo). (Ref# 92,93,105)
	Invasive wildlife/fish species	No data
Physical Environment	Acres of land in reach	18.9 acres total with 18.4 acres of land and 0.4 acres of water (Ref# 13)
	Aquatic vegetation	No data
	Slope	Slope class in the majority of the reach is 0-5%, with a small area of 20-34% slopes immediately adjacent to the creek. (Ref# 21)
	Buildings	One covering 0.49 acres (Ref# 16)
	Culverts/stormwater utilities	Bridge crossing at Bakerview Road. Sewer mains and storm drains present along Bakerview Road. No stormwater discharge points are indicated, however based on existing drain lines, one is possible at Bakerview Road. (Ref# 39,40,41,42)
	Geology	Continental glacial outwash. Small areas of Seismic Hazard Areas (geologic units) and Landslide Hazard Areas on 15-35% or greater slopes indicated along the northern edge of the reach. (Ref# 21,103)
	Tributary creeks	None indicated (Ref# 8,57,59,71)
	Wetlands	(Ref# 11,52)
	Impervious surface	46% semi-pervious, 35% impervious, 20% pervious (Ref# 12)
	Invasive plant species	No data
	Roads/transportation	Bakerview Road northern terminus of reach. Total of 0.1 miles or 0.2 acres of road (Ref# 14,35,36,44,45,46)
	Soils	The entire reach has hydric soils, very low filtration/higher runoff potential (Hydrologic soil Group D). (Ref# 51,63)
	Topography	133' to 149' range; 139' mean. (Ref# 47)
	FEMA	12.4 acres in 100 year floodplain, 4.5 acres in the floodway (Ref# 19)
	Terrestrial Vegetation	Narrow buffer on creek is dominated by herbaceous vegetation with scattered shrubs and trees along the reach. Beyond buffer to east is industrial development. To west is fallow field. 65% of reach has diverse multi-structured native habitat of high quality (Nahkeeta data – number appears to be very high for this reach). (Ref# 8,20,71)
Riparian Function	DOE 303(d)	Category 5 Polluted Water listed for fecal coliform and dissolved oxygen. Category 2 Water of Concern listed for temperature. (Ref# 83,89)
	Channel confinement	Unconfined (Ref# 22,23)
	Channel gradient	<15% (Ref# 22,23)
	Channel migration zone	Some migration may be available to the west of creek. East side is developed with light industrial businesses. (Ref# 22,23,94)

SHORELINE AREA (Reach Code): SQUALICUM 10

REACH NUMBER: 10

	Creosote structures	No data
	Fish passage blockages	None indicated (Ref# 15,94)
	In-water structures	None indicated –unknown structures are associated with bridge at Bakerview Rd (Ref# 8,18,43,71)
	LWD presence	No data
	Non-point source pollution	No data
	Point source pollution	No data
	Riffle/pool analysis	No data
	Aquatic substrate type	No data
	Toxic sites/land fills	None indicated (Ref# 80)
Historic & Cultural	Historic aerials	No data
	Archeological sites	No data
	Historic sites	None indicated (Ref# 77)
	Parks & public access	None indicated (Ref# 33,34,36,48,54)
Function Analysis	Reach Function	
	<ul style="list-style-type: none"> Hydrologic Shoreline Vegetation Habitat 	<p>Unimpaired.</p> <p>Impaired. Vegetation quality and canopy cover</p> <p>Terrestrial: impaired.</p> <p>Stream: slightly impaired.</p>
	Limiting Factors	<ul style="list-style-type: none"> Zoning, current land use Water quality
	Functions	<ul style="list-style-type: none"> Sustainable Not Sustainable
	Priority Actions	<ul style="list-style-type: none"> Re-vegetate buffer Water quality improvement
	Current Enhancement Projects	Some shoreline plantings and in-stream structures
Preservation/Enhancement Opportunities	<p>Enhancement of shoreline vegetation and habitat</p> <p>(Ref# 4,24,61,69,70,71,75,89 for above)</p>	