	Current Land Use	Land use includes: residential, undeveloped forest, major arterials, inactive		
Land Use		industrial use (is becoming a city park). Limited commercial use in some areas at outer extent of SMP. (Ref# 8,37,71)		
	Zoning	47.1 acres residential single-family, 10.6 acres commercial, 10.3 acres industrial, 8.0 acres residential multi-family. (Ref# 54,104)		
Potential Species Present	Wildlife species	Wildlife presence in this reach includes: Garter snakes in 70%, only urban mammals in 36%, no mammals in 54%, no mammals known in 10%, equal mix of urban and non-urban birds in 44%, urban birds in 24%, and native amphibians in 45% of the reach. Large and medium animal movement is possible in 44% of the reach, and movement of fish and birds is easy in 25%. (Ref# 61,69,70,105)		
	Fish species	Bull trout, Chinook, Coho, Chum, Sea-run Cutthroat, and Steelhead. Presumed fo Bull trout above culverts at mid-reach under the roadway. (Ref# 69,70,94,105)		
	PHS species/habitat	35% of reach has habitat for breeding and/ or rearing, and 10% of reach has habitat for foraging or other non-breeding activity for 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		
	Acres of land in reach	76 acres total with 73.2 acres of land and 2.8 acres of water (Ref# 13)		
	Aquatic vegetation	No data		
	Slope	Overall, creek flows through glacial drift valley. Lower floor of glacial channel is wide and relatively flat (slope class 2-5%), which allowed for possible channel migration before human development in the valley. Valley walls are steep, 35-50 Creek presently flows close to the south valley wall. Valley becomes dramatically wider in the center portion of the reach, slope class in this area is 2-5%. (Ref# 2		
	Buildings	102 covering 3.12 acres total (Ref# 16)		
	Culverts/stormwater utilities	One detention facility (0.02 ac). Long culvert under roadway near old cement pla Long culvert under Northwest Drive. Sewer mains follow the creek through entir reach. No stormwater discharge points are indicated, however based on existing drain lines 3 discharges are possible. (Ref# 39,40,41,42)		
onmen	Geology	Continental glacial outwash and glaciomarine drift. Mine Hazard Areas. (Ref# 21,103)		
Envi	Tributary Creeks	None indicated		
ical E	Wetlands	(Ref# 11,52)		
hysi	Impervious surface	45% pervious, 31% impervious, 24% semi-pervious (Ref# 12)		
а.	Invasive plant species	No data; Traveler's Joy and English ivy observed. (Ref# 71)		
	Roads/transportation	Squalicum Parkway shadows creek through entire reach and is located within SMA. Total of 1.5 miles of road and 1.1 miles of rail road or 7.7 acres of transportation routes. (Ref# 14,35,36,44,45,46)		
	Soils	A variety of soils are found in this reach. The immediate creek area tends to be hydric, very low filtration/high runoff potential (Hydrologic soil Group D). This soil type dominates the lower half of the reach. An area of high filtration/low runoff (Group A) is located along the northern part of the reach in the lower half. The upper reach has moderate filtration and runoff outside of the hydric soils along the creek (Group B). (Ref# 51,63)		
	Topography	9' to 91' range; 53' mean. (Ref# 47)		
	FEMA	34.6 acres in 100 year floodplain, 10.8 acres in the floodway (Ref# 19)		
Rip	Terrestrial Vegetation	Mixed deciduous/coniferous forest for majority of reach. 44% of reach: equal mix of native and naturalized non-native plants, medium quality native plant		

SH	ORELINE AREA (Reach Coo	e): SQUALICUM 2 REACH NUMBER: 2		
		community; overstory is young forest. 24% of reach: habitat is man-controlled monoculture, no native plant community; overstory is sparse. (Ref# 8,20,71)		
	DOE 303(d)	The lower half of reach (up to culvert under the parkway) is Category 5 Polluted Water listed for dissolved oxygen, temperature and fecal coliform. Category 2 Water of Concern for pH. The area near the industrial property is Category 5 fo zinc. Tributary, Baker Creek is Category 5 listed for fecal coliform and dissolved oxygen; and Category 2 listed for temperature and pH. (Ref# 83,89)		
	Channel confinement	Moderately confined (Ref# 22,23) 1-2% (Ref# 22,23) Some migration is available through this reach (Ref# 22,23,94)		
	Channel gradient			
	Channel migration zone			
	Creosote structures	No data		
	Fish passage blockages	 Possible blockage at culverts in mid reach near cement plant area (two long culverts under roadway) – possible blockage for some fish species. (Ref# 15,94 Culverts under roadway on parkway. Culvert under Northwest Drive. (Ref# 8,18,43,71) 		
	In-water structures			
	LWD presence	Incomplete data, however, present in various amounts and sizes through entire reach (Ref# 10,71)		
	Non-point source pollution	No data		
	Point source pollution	No data		
	Riffle/pool analysis	No data		
	Aquatics substrate type	No data		
Historic & Cultural	Toxic sites/land fills	None indicated (Ref# 80)		
	Historic aerials	No data		
	Archeological sites	No data		
	Historic sites	None indicated (Ref# 77)		
Function Analysis	Parks & public access	4.7 acres of public open space – 4.5 acres of open space and 0.2 acres of trail property. Large park area to be developed along the middle of the reach. Most the park property is not in the SMA. (Ref# 33,34,36,48,54)		
	Reach Function			
	Hydrologic	Impaired. Hydrology is flashy.		
	Shoreline Vegetation	Slightly Impaired. Invasive vegetation present; Traveler's joy and English ivy.		
	Habitat	Impaired. Reach is functioning at some levels as a corridor for fish and wildlife.		
	Limiting Factors	 Existing infrastructure – Squalicum Parkway, long culverts (under Squalicum Parkway and Northwest Road) 		
		Water quality		
		 Narrow corridor width – increases difficulty with edge effect 		
	Functions			
	Sustainable	All three function sustainable with improvements.		
	Not Sustainable	Hydrology most likely can not be improved beyond current levels.		
	Priority Actions	Invasive vegetation control and removal		
		Water quality improvement		
	Current Enhancement Projects	Shoreline vegetation planting projects		

ORELINE AREA (Reach Cod	e): SQUALICUM 2	REACH NUMBER: 2
Preservation/Enhancement Opportunities	 Culvert improvements Stormwater treatment and de Possible habitat connection 	etention with new park development (Ref# 4,24,61,69,70,71,75,89 for above