SHORELINE AREA (Reach Code): BAKER 1			REACH NUMBER: 56
Land Use	Current Land Use		Residential multi-family areas at southern end of reach. Some commercial development in this area as well along Birchwood Ave. The remainder (23.7 acres) of the reach flows through a private golf course. (Ref# 8,37,71)
	Zoning		30.0 acres residential, 4.6 acres commercial (Ref# 54,104)
Potential Species Present	Wildlife species		In 76% of the reach: presence of garter snakes, urban mammals, urban birds, and some native amphibians (frogs and salamanders). Movement is good for birds and fish only. (Ref# 61,69,70,105)
	Fish species		Coho, Chum, Steelhead, Sea-run Cutthroat, brown bullhead catfish, yellow perch, stickleback, Pacific lamprey, sculpin and large mouth bass. Presumed for Bull trout. (Ref# 9,69,70,94,105)
	PHS species/habitat		Wetlands and riparian areas within the golf course. PHS or SC is indicated as present sporadically in 76% of the reach. (Ref# 24,92,93,105)
	TSE species		Coho (FCo) and Cutthroat (FCo). Bull trout (FT) presumed. (Ref# 92,93,105)
	Invasive wildlife/fish species		No data
Physical Environment	Acres of land in reach		34.6 acres, all land (Ref# 13)
	Aquatic vegetation		No data
	Slope		Slope class of the creek channel is generally 20-34%, with some areas of 5-10% slopes. (Ref# 21)
	Buildings		18 covering 1.96 acres total (Ref# 16)
	Culverts/stormwater utilities		Partial blocking culvert – Baker Creek confluence with Squalicum (Squalicum Parkway). Culvert under Birchwood Ave. Sewer main along McLeod Road at upper extent of reach. Stormwater drains located at upper and lower extent of reach. No discharges or retention basins are indicated, however based on existing drain lines, 3 discharges are possible. (Ref# 39,40,41,42)
	Geology		Continental glacial outwash (Ref# 21,103)
	Tributary creeks		Lower end of reach is confluence with Squalicum Creek. Baker Creek (#4) is regulated by COB Wetland and Stream Ordinance. (Ref# 8,57,59,71)
	Wetlands		Wetlands associated with the creek are present within the golf course. (Ref# 11,52)
	Impervious surface		18% impervious, 50% semi-pervious, 32% pervious (Ref# 12)
	Invasive plant species		No data
	Roads/transportation		Birchwood Ave passes across the southern end of the reach. Total of 0.3 miles or 1.4 acres of road. (Ref# 14,35,36,44,45,46)
	Soils		The reach has moderate filtration and runoff soils (Hydrologic soil Group B), and slight erosion potential of all soils. (Ref# 51,63)
	Topography		69' to 117' range; mean 95'. (Ref# 47)
	FEMA		6.9 acres in 100 year floodplain, 4.8 in the floodway. (Ref# 19)
	Terrestrial Vegetation		Deciduous tree and shrub cover along lower extent of reach (near housing). Vegetation through the golf course is a mix of closely mowed grass and areas of deciduous trees and shrubs that appear to be native. Plant diversity ranges from none to predominately non-native with natives mixed in. Native plant community is low quality. Over story is sparse and patchy. (Ref# 8,20,71)

SHORELINE AREA (Reach Code): BAKER 1			REACH NUMBER: 56
Riparian Function	DOE 303(d)		Lower end of reach, below Birchwood Ave: Category 5 Polluted Water listed for dissolved oxygen, fecal coliform, zinc. Category 2 Waters of Concern listed for temperature and pH. Remainder of the reach (golf course area) is a Category 5 listed for fecal coliform. (Ref# 89)
	Channel confinement		Unconfined (Ref# 22,23)
	Channel gradient		<1% (Ref# 22,23)
	Channel migration zone		Limited due to residential development and the golf course (Ref# 22,23,71,94)
	Creosote structures		No data
	Fish passage blockages		Possible partial blockage near Squalicum Creek. (Ref# 15,94)
	In-water structures		Possible culvert under Birchwood Ave. Culvert under Squalicum Parkway (Ref# 8,18,43,71)
	LWD presence		Incomplete 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**		
	• Hydrologic		Impaired. Hydrology is flashy.
	• Shoreline Vegetation		Impaired. Good vegetation lower extent of reach; some patches of good vegetation within golf course.
	• Habitat		Impaired. Some habitat patches exist but are disconnected and interrupted by human activity. Upstream habitat is greatly impaired, particularly the terrestrial habitat.
	Limiting Factors		• Existing land use and upstream infrastructure • Water quality
	Functions		
	• Sustainable		Sustainable as a fish passage corridor; current habitat patches sustainable under current land usage.
	• Not Sustainable		All three functions are not sustainable.
	Priority Actions		• Water quality improvement • Stormwater treatment and detention
	Current Enhancement Projects		None are recorded for this reach
	Preservation/Enhancement Opportunities		• Some canopy cover improvements could be made within golf course (Ref# 24,61,69,70,71,89 for above)