

SHORELINE AREA (Reach Code): Marine 14 – Post Point
REACH NUMBER: 40

Land Use	Current Land Use	Single family residential and undeveloped shrub bluff (Ref# 8, 54, 71)
	Zoning	9.7 acres water, 9.1 acres residential (Ref# 54)
Potential Species Present	Wildlife species	11.8 acres mustelid and 7.9 acres pinneped (Ref# 3, 70, 71, 105)
	Fish species	Offshore high shrimp and crab densities. Presumed presence of Coho and Bull trout. (Ref# 3, 70, 71, 105)
	PHS species/habitat	Harlequin duck concentration area, diving bird concentration area, rocky substrate shorebird concentration area. (Ref# 3, 70, 71, 105)
	TSE species	Off-shore Chinook (FT & SC). Coho (FCo) and Bull trout (FT) presumed. (Ref# 92, 93, 105)
	Invasive wildlife/fish species	No data
Physical Environment	Acres of land in reach	18.8 acres total with 7.7 acres of land and 11.1 acres of water (Ref# 13)
	Aquatic vegetation	2.4 acres brown algae, 2.2 acres eelgrass, 0.6 mixed algae, 0.4 green algae, 0.2 acres spit (Ref# 97, 98)
	Slope	0-5% slopes dominate the shoreline; 20-100% slopes dominate the upland. (Ref# 47, 103)
	Buildings	0 buildings (Ref# 16)
	Culverts/stormwater utilities	None indicated in SMP area (Ref# 40, 41, 42)
	Geology	Continental sediment deposits and bedrock. Land slide hazard area is indicated on slopes 15-35% or greater. (Ref# 21, 51, 63)
	Tributary Creeks	None indicated (Ref# 8, 42, 71)
	Impervious surface	49% semi-pervious, 39% impervious, 12% pervious (Ref# 12)
	Invasive plant species	No data
	Roads/transportation	0.3 miles rail road (Ref# 34, 44, 46)
	Soils	Infiltration rates: 5.7 acres of very slow with high runoff potential (Hydrologic soil Group D), 4.5 acres moderate (Group B). Erosion potential: 14.3 acres severe risk, 4.5 acres slight risk. (Ref# 51, 63)
	Topography	0' to 76' range; 13' mean (Ref# 47)
	FEMA	11.1 acres in 100 year floodplain, none in floodway (Ref# 19)
	Terrestrial Vegetation	Mostly mixed shrub and deciduous cover on bluffs. (Ref# 8, 71)
Marine Aquatic Function	Aquatic substrate type	4.5 acres mixed coarse, 2.9 acres bedrock, 0.7 acres mixed fines, 0.7 acres artificial (Ref# 3, 99)
	Creosote structures	None identified (Ref# 71, 73, 74, 99)
	In-water structures	None (Ref# 71, 73, 74, 99)
	Bulkheads	Rail bed rock rip-rap (Ref# 71, 73, 74, 99)
	DOE 303(d)	No data (Ref# 81)
	Toxic sites/land fills	None indicated (Ref# 79, 80)
	Bathymetry	-35.0' to 0.0 range, -8.0 mean (Ref# 25, 31)
	Wave energy	8.7 acres open (Ref# 3, 99)
	Point source pollution	No data
	Waterways/dredge beds	No data
	Drift cells	No data
Marine Erosion	Beach characterization	No data
	High-Low tide lines	2.9 acres beach
	Erosion/accretion zones	No data

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Historic & Cultural	Historic aerials	No data
	Archeological sites	No data
	Historic sites	No data
	Parks & public access	In formal public access to Post Point via rails(Ref# 33, 34, 36)
Function Analysis	Reach Function	(Ref# for the following 1, 2, 5, 69, 70, 71) Slightly impaired in areas with rip rap. Unimpaired in other areas.
	<ul style="list-style-type: none"> Hydrologic Shoreline Vegetation Habitat 	Slightly impaired by canopy removal for view and invasive species.
	Limiting Factors	<ul style="list-style-type: none"> Terrestrial habitat- Slightly impaired by railroad and existing land use at top of bluff Intertidal habitat- Slightly impaired in areas with rip rap. Unimpaired in areas without rip rap. Shallow water and deep water habitats- Unimpaired high level function for these habitats.
	Functions	<ul style="list-style-type: none"> Railroad bed Canopy removal in shoreline vegetation for views.
	<ul style="list-style-type: none"> Sustainable Not Sustainable 	All functions sustainable. None
	Priority Actions	Conserve this marine reach because of multiple functions and difficult to replace (BBDP action # 31) (Ref# 73)
Current Enhancement Projects	None identified	
Preservation/Enhancement Opportunities	<ul style="list-style-type: none"> Removal of invasive plant species (Ref# 71) Selective reestablishment of canopy in shoreline vegetation communities (Ref# 71) 	