

SHORELINE AREA (Reach Code): Marine 18 – Clark’s Point
REACH NUMBER: 44

Land Use	Current Land Use	Single family residential and conservancy (Ref# 8, 54, 71)
	Zoning	42.2 acres water, 41.9 acres residential (Ref# 54)
Potential Species Present	Wildlife species	50.9 acres mustelid, 37.7 acres pinneped (Ref# 3, 70, 71, 105)
	Fish species	Very high pandalid shrimp densities on the west side of Clarks Point (>1,000), very high crab densities off west side of Clarks Point (>150 crabs/ha). Presumed presence of Coho, Chum, and Bull trout. (Ref# 3, 70, 71, 105)
	PHS species/habitat	Anadromous fish rearing habitat on east side Clarks point, Bald Eagle nesting territory on west side of Clarks Point, Concentration area of Harlequin duck, rocky substrate shorebird concentration area on entire shoreline Clarks Point, Diving bird concentration area offshore on W. side Clarks Point (WC folio). (Ref# 3, 70, 71, 105)
	TSE species	Bald eagle nesting territory, no nest indicated in reach. Bald eagle (FT). Coho (FCo) and Bull trout (FT) presumed. (Ref# 92, 93, 105)
	Invasive wildlife/fish species	No data
Physical Environment	Acres of land in reach	86.7 acres total with 38.3 acres of land and 49.3 acres of water(Ref# 13)
	Aquatic vegetation	5.3 acres brown algae, 1.1 acres eelgrass, 0.5 acres green algae, 0.4 acres mixed algae (Ref# 97, 98)
	Slope	20-100% slopes dominate the shoreline (Ref# 47, 103)
	Buildings	3 buildings covering 0.15 total acres (Ref# 16)
	Culverts/stormwater utilities	None indicated(Ref# 40, 41, 42)
	Geology	Continental sedimentary 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	58% semi-pervious, 36% pervious, 6% impervious, (Ref# 12)
	Invasive plant species	No data
	Roads/transportation	0.1 miles rail along northeast edge. (Ref# 34, 44, 46)
	Soils	Infiltration rates: 41.7 acres moderate and well drained soil (Hydrologic soil Group B), 1.0 acre high with low runoff potential (Group A). Erosion potential: 44.1 acres severe risk, 41.7 acres moderate risk, 1.0 acre slight risk. (Ref# 51, 63)
	Topography	0' to 223' range; 34' mean (Ref# 47)
	FEMA	53.8 acres in 100 year floodplain, no floodway (Ref# 47)
	Terrestrial Vegetation	Dominated by native mixed coniferous forest and shoreline bald communities (Ref# 8, 71)
Marine Aquatic Function	Aquatic substrate type	0.5 acres artificial (rail bed), 8.7 acres bedrock, 1.1 acres boulders, 0.7 mixed fines, 0.2 acres sand (Ref# 3, 99)
	Creosote structures	Possible creosote structures associated with docks. (Ref# 71, 73, 74, 99)
	In-water structures	2 docks and rock jetty(Ref# 71, 73, 74, 99)
	Bulkheads	Limited to the small area of rail bed that crosses the northeast corner of reach. (Ref# 71, 73, 74, 99)
	DOE 303(d)	No data
	Toxic sites/land fills	No data
	Bathymetry	-78.0' to 0.0' range; -27.5' mean (Ref# 25, 31))
	Wave energy	5.7 acres open, 5.6 acres partially enclosed(Ref# 3, 99)
	Point source pollution	No data
	Waterways/dredge beds	No data

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Marine Foreshore	Drift cells	No data
	Beach characterization	No data
	High-Low tide lines	4.5 acres beach
	Erosion/accretion zones	No data
Historic & Cultural	Historic aerials	No data
	Archeological sites	No data
	Historic sites	None indicated (Ref# 77)
	Parks & public access	No public access, but point is held in a conservation easement that maintains it as open green space, limiting development. (Ref# 33, 34, 36)
Function Analysis	Reach Function	(Ref# for the following 1, 2, 5, 69, 70, 71)
	• Hydrologic	Unimpaired and functioning at high levels.
	• Shoreline Vegetation	Unimpaired and functioning at high levels.
	• Habitat	<ul style="list-style-type: none"> • Terrestrial – Unimpaired and functioning at high levels. • Intertidal habitat - Unimpaired and functioning at high levels. • Shallow water and deep water habitat - Unimpaired and functioning at high levels.
	Limiting Factors	None identified
	Functions	All functions sustainable.
	• Sustainable	None
• Not Sustainable		
Priority Actions	None identified	
Current Projects	None identified	
Preservation/Enhancement Opportunities	None identified. Site already preserved.	