

## **APPENDIX D – SHORELINE ENVIRONMENT DESIGNATION CRITERIA**

### **Natural**

Designation criteria for areas to be designated **NATURAL** (NAT) include all of the following:

- The shoreline is ecologically intact, regardless of its size, and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human Activity;
- The shoreline is considered to represent ecosystems and geologic types that are of particular scientific and educational interest; or
- The shoreline is unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.
- Such shoreline areas include largely undisturbed portions of shoreline areas such as wetlands, estuaries, unstable bluffs, coastal dunes, spits, and ecologically intact shoreline habitats. (WAC 173.26.211 (5) (a) (iii) Shorelines inside or outside urban growth areas may be designated as 'natural.'

### **Urban Conservancy**

Designation criteria for areas to be designated **Urban Conservancy** (UC) include all of the following:

- They are most suitable for water-enjoyment, non-water oriented uses and/or mixed uses.
- They are within or adjacent to Critical Areas.
- They retain important ecological functions, even though partially disturbed.
- They have the potential via development and redevelopment to maintain or restore ecological function. .
- They have ability to provide public access where already specified in an adopted plan or on a per-project basis.

### **Shoreline Residential**

Designation criteria for areas to be designated **Shoreline Residential** (SR) include all of the following:

- Areas presently developed or platted for residential uses including existing extensive, small, and single-lot shoreline development.

- Areas that could serve as transition zones between high-intensity and low-intensity resource management, conservancy, or natural shoreline areas.
- Areas that can provide and have the capabilities to support the necessary public services, utilities, and access to accommodate low to medium-density development or which can support on-site systems.

### **Urban Maritime**

Designation criteria for areas to be designated **Urban Maritime** (UM) include all of the following:

- They are within incorporated municipalities, urban growth areas if they currently support or are suitable and planned for urban maritime water-dependent uses related to commerce, transportation, or navigation.
- Urban maritime shorelines should be without severe biophysical limitations to development such as floodplains, steep slopes, slide hazard areas, and wetlands.

### **Aquatic**

**Designation criteria.** Assign an **Aquatic** environment designation to lands waterward of the ordinary high-water mark.

Local governments may designate submerged and intertidal lands with shoreland designations (e.g., "high-intensity" or "rural conservancy") if the management policies and objectives for aquatic areas are met. In this case, the designation system used must provide regulations for managing submerged and intertidal lands that are clear and consistent with the "aquatic" environment management policies in this chapter. Additionally, local governments may assign an "aquatic" environment designation to wetlands.

### **New Whatcom**

**Designation criteria:** Shorelines within the New Whatcom Special Development Area are consistent with the 'Special Area Planning' elements within WAC 173-26-201 3. d. (ix) which states:

Some shoreline sites or areas require more focused attention than is possible in the overall master program development process due to complex shoreline ecological issue, changing issues, or unique features or issues. In these circumstances, the local government *is* encouraged to undertake special area planning. Special area planning also may be used to address: public access, vegetation conservation, shoreline use compatibility, port development master planning, ecological restoration, or other issues best addressed on a comprehensive basis.

The resultant plans may serve as the basis for facilitating state and local government coordination and permit review. Special area planning shall provide for public and affected Indian tribe participation and compliance with all applicable provisions of the Act and WAC 173-26-090 through 120. (Shoreline Master Program Amendment and Approval processes)

<b>Reach</b>	<b>Reach Limits</b>	<b>Segment</b>	<b>Rationale</b>
<i>Chuckanut 1</i>	<i>Interface with Chuckanut Bay upstream to stream gradient change on WDFW maps.</i>	<i>A</i>	<i>Reach located within limits of tidal influence and light residential use. Upper limit defined by change of gradient in stream bed.</i>
<i>Chuckanut 2</i>	<i>Upper limit of Reach 1 at downstream extent and change in stream gradient at upstream limit</i>	<i>B</i>	<i>Reach located in area of moderate gradient change and low density land use.</i>
<i>Chuckanut 3</i>	<i>Upper limit of Reach 2 at downstream extent and change in stream gradient at upstream limit</i>	<i>B</i>	<i>Reach located in area of low gradient change and low density land use.</i>
<i>Chuckanut 4</i>	<i>Upper limit of Reach 2 at downstream extent and change in stream gradient at upstream limit</i>	<i>A</i>	<i>Reach located in area of moderate gradient change and moderate density land use.</i>
<i>Lake Padden 1</i>	<i>West edge of west parking area in park east to eastern extent of lawn in swim area.</i>	<i>A</i>	<i>Reach located in moderately developed portion of park that includes structures and lawn.</i>
<i>Lake Padden 2</i>	<i>East edge of lawn in swim area east to west edge of lawn in</i>	<i>B</i>	<i>Reach located in area of low development or</i>

	<i>eastern lawn area of park.</i>		<i>modification and dominated by forested cover.</i>
<i>Lake Padden 3</i>	<i>West edge of lawn in eastern lawn area of park to north side on inlet stream on east side of lake</i>	<i>A</i>	<i>Reach located in moderately developed portion of park that includes structures and lawn.</i>
<i>Lake Padden 4</i>	<i>North side on inlet stream on east side of lake around south side of lake to west edge of west parking area on north side of Lake</i>	<i>B</i>	<i>Reach located in area of low development or modification and dominated by forested cover.</i>
<i>Padden Creek 1</i>	<i>South of Harris Ave and upstream to McKenzie Ave</i>	<i>A</i>	<i>Extent of Tidal influence.</i>
<i>Padden Creek 2</i>	<i>Upstream of McKenzie Ave to south side of Fairhaven Parkway</i>	<i>B</i>	<i>Non-Tidal, moderate density development and low stream channel gradient</i>
<b><i>Reach</i></b>	<b><i>Reach Limits</i></b>	<b><i>Segment</i></b>	<b><i>Rationale</i></b>
<i>Lake Whatcom 1</i>	<i>UGA limit on Northshore Drive west to the north edge of Bloedel-Donovan Park.</i>	<i>A</i>	<i>Dense residential use along shoreline and modified shoreline</i>
<i>Lake Whatcom 2</i>	<i>Defined by Bloedel-Donovan Park limits</i>	<i>B</i>	<i>Public space, public park</i>
<i>Lake Whatcom 3</i>	<i>South of Bloedel-Donovan Park to</i>	<i>C</i>	<i>Moderate density development,</i>

	<i>southern extent of inlet near northern extent of Lakeside Ave.</i>		<i>natural vegetation present, mouth of creek.</i>
<i>Lake Whatcom 4</i>	<i>Northern extent of Lakeside Ave. to eastern edge of Euclid Park boundary.</i>	<i>A</i>	<i>Dense residential development and public open space.</i>
<i>Lake Whatcom 5</i>	<i>South and east of eastern Euclid Park boundary to UGA Limits along Lake Whatcom Blvd.</i>	<i>A</i>	<i>Dense residential use along shoreline and modified shoreline</i>
<b><i>Reach</i></b>	<b><i>Reach Limits</i></b>	<b><i>Segment</i></b>	<b><i>Rationale</i></b>
<i>Whatcom Creek 1</i>	<i>Mouth of Creek east of Holly Street upstream to west side of Dupont Street</i>	<i>A</i>	<i>Mouth of Whatcom Creek area of salt water influence below falls, public access area.</i>
<i>Whatcom Creek 2</i>	<i>West side of Dupont upstream to west side of Cornwall Ave. crossing.</i>	<i>B</i>	<i>Urban density, confined channel, limited riparian vegetation</i>
<i>Whatcom Creek 3</i>	<i>West side of Cornwall crossing upstream to sewer line crossing east of I-5.</i>	<i>B</i>	<i>Urban density, confined channel, riparian vegetation corridor slightly more developed</i>
<i>Whatcom Creek 4</i>	<i>Upstream of sewer line crossing east of I-5 ending at Toledo Street easement</i>	<i>C</i>	<i>Commercial zoning, riparian buffer wider, unconfined channel.</i>

<i>Whatcom Creek 5</i>	<i>Toledo Street easement upstream to east side of Woburn Street crossing</i>	<i>C</i>	<i>Naturally vegetated riparian zone that is associated with wetlands and Cemetery Creek confluence</i>
<i>Whatcom Creek 6</i>	<i>East of Woburn Street crossing upstream to gas pipeline crossing.</i>	<i>D</i>	<i>Natural confinement, increased channel gradient and low density development and fire influence, in Park.</i>
<i>Whatcom Creek 7</i>	<i>Upstream of pipeline crossing to dam at downstream end of fishing pond in Whatcom Falls park</i>	<i>D</i>	<i>Natural confinement, increased channel gradient and low density development and no fire influence, in Park.</i>
<i>Whatcom Creek 8</i>	<i>Upstream of dam at west end of fish pond in Whatcom Falls park to next dam</i>	<i>D</i>	<i>Unconfined channel, low gradient, some disturbance to riparian vegetation, in Park.</i>
<i>Whatcom Creek 9</i>	<i>West of Electric Ave Bridge Crossing to dam.</i>	<i>D</i>	<i>Lagoon area, moderate residential use on east shore, park property on west shore.</i>

<b>Reach</b>	<b>Reach Limits</b>	<b>Segment</b>	<b>Rationale</b>
<i>Squalicum Creek 1</i>	<i>From western most rail crossing upstream to east side of Elderidge Road crossing</i>	<i>A</i>	<i>Tidal influence, confined channel, Industrial uses.</i>
<i>Squalicum Creek 2</i>	<i>Upstream of Elderidge crossing to confluence with Baker Creek</i>	<i>B</i>	<i>Stream channel moderately confined, moderate riparian vegetation present, moderate density residential use.</i>
<i>Squalicum Creek 3</i>	<i>Confluence of Baker Creek upstream to east side of Guide Meridian crossing</i>	<i>B</i>	<i>Stream channel unconfined, moderate residential land use and public property.</i>
<i>Squalicum Creek 4</i>	<i>Upstream of Guide Meridian Crossing to the eastern edge of Cornwall Park</i>	<i>C</i>	<i>Forested riparian corridor through public park, moderately confined channel</i>
<i>Squalicum Creek 5</i>	<i>Upstream of Cornwall Park to west edge of Squalicum Parkway culvert, includes floodplain.</i>	<i>D</i>	<i>Herbaceous and shrub riparian, old farms, private/public ownership.</i>
<i>Squalicum Creek 6</i>	<i>Upstream of Squalicum Parkway road crossing to east end of Sunset</i>	<i>E</i>	<i>Naturalized riparian corridor, man made ponds and ditched stream channels.</i>

	<i>Pond</i>		
<i>Squalicum Creek 7</i>	<i>Upstream of east end of Sunset Pond to west side of Hannegan Road</i>	<i>F</i>	<i>Unconfined channel, naturalized riparian vegetation, lacks ponds.</i>
<i>Squalicum Creek 8</i>	<i>Upstream of Hannegan Road crossing across DNR owned land.</i>	<i>F</i>	<i>Unconfined channel, public land holding, restoration potential.</i>
<i>Squalicum Creek 9</i>	<i>Upstream from DNR northern boundary to northern edge of Wilder property.</i>	<i>G</i>	<i>Confined, industrial use, limited riparian vegetation</i>
<i>Squalicum Creek 10</i>	<i>Upstream of northern property boundary of Wilder property to south side of Bakerview Road</i>	<i>G</i>	<i>Partially confined mixed use area.</i>
<i>Squalicum Creek 11</i>	<i>Upstream of Bakerview Road crossing to UGA Boundary</i>	<i>G</i>	<i>Partially confined, low density residential use.</i>
<b><i>Reach</i></b>	<b><i>Reach Limits</i></b>	<b><i>Segment</i></b>	<b><i>Rationale</i></b>
<i>Marine 1</i>	<i>From northern UGA boundary southeast to southeast side of cement plant.</i>	<i>A</i>	<i>Lightly developed shoreline dominated by residential use.</i>
<i>Marine 2</i>	<i>Extends from southeast side of cement plant southeast to west side of Mt. Baker</i>	<i>A</i>	<i>Public access area (Squalicum Beach)</i>

	<i>Plywood site</i>		
<i>Marine 3</i>	<i>West edge of Mt. Baker Plywood site southeast to southwest corner of Bellingham Cold Storage jetty.</i>	<i>B</i>	<i>Squalicum Creek Estuary, industrial use.</i>
<i>Marine 4</i>	<i>Southwest corner of B'ham Cold Storage jetty east to center of the I/J Waterway</i>	<i>B</i>	<i>Dominated by Squalicum Marine, high intensity use.</i>
<i>Marine 5</i>	<i>Center of I/J Waterway east to Center of Whatcom Waterway.</i>	<i>B</i>	<i>High intensity industrial use.</i>
<i>Marine 6</i>	<i>Center of I/J Waterway south to toe of Cornwall Ave.</i>	<i>B</i>	<i>Dominated by GP Mill.</i>
<i>Marine 7</i>	<i>Toe of Cornwall Ave. south to south end of Cornwall Fill.</i>	<i>B</i>	<i>Abandoned industrial area.</i>
<i>Marine 8</i>	<i>South end of Cornwall Fill to north end of Boulevard Park</i>	<i>C</i>	<i>Residential shoreline with riparian vegetation.</i>
<i>Marine 9</i>	<i>North end of Boulevard Park south to Taylor Street Dock</i>	<i>C</i>	<i>Dominated by Public access areas, mixed with residential and commercial use.</i>
<i>Marine 10</i>	<i>South of Taylor Street dock to north end of Fairhaven</i>	<i>D</i>	<i>Lightly developed area with mixed use zoning</i>

	<i>Marine yard</i>		
<i>Marine 11</i>	<i>South of Fairhaven Marine yards northern edge south to north boundary of Marine Park, excludes Padden Lagoon.</i>	<i>E</i>	<i>High Intensity, water dependent industrial and commercial uses.</i>
<i>Marine 12</i>	<i>Padden Lagoon from Railroad trestle to west side of Harris Ave.</i>	<i>F</i>	<i>Padden Lagoon, mixed use.</i>
<i>Marine 13</i>	<i>North Marine Park boundary south to south end of Post Point.</i>	<i>G</i>	<i>Dominated by public access areas.</i>
<i>Marine 14</i>	<i>South of Post Point to north end of north lagoon</i>	<i>H</i>	<i>Shoreline residential use area.</i>
<i>Marine 15</i>	<i>South end of north lagoon south to south end of lagoon</i>	<i>I</i>	<i>Lagoon in shoreline residential use area.</i>
<i>Marine 16</i>	<i>South of north lagoon south to north end of southern lagoon</i>	<i>H</i>	<i>Shoreline residential use area.</i>
<i>Marine 17</i>	<i>North end of southern lagoon to north end of Clark's Point</i>	<i>I</i>	<i>Lagoon in shoreline residential use area.</i>
<i>Marine 18</i>	<i>Northwest end of Clark's Point to northeast side</i>	<i>J</i>	<i>Lightly developed natural area- Clark's Point</i>

<i>Marine 19</i>	<i>Northeast side of Clarks Point at trestle through Chuckanut Bay to south side of Bay at trestle.</i>	<i>K</i>	<i>Chuckanut bay, residential shoreline use and public access.</i>
<i>Marine 20</i>	<i>Trestle at south end of Chuckanut Bay south to UGA limit.</i>	<i>J</i>	<i>Natural shoreline with Public access in development.</i>



Inventory Segment	Recommended Shoreline Designation	Area Designated	Designation Criteria	Rationale
Chuckanut A	Urban Conservancy	Entire length of both banks in this segment.	<ul style="list-style-type: none"> <li>• Urban Conservancy designation is appropriate for shorelines with a mix of uses, and shorelines without predominant water dependent use.</li> <li>• Urban Conservancy designation is appropriate for shorelines with ecological restoration and important ecological functions, even though partially developed.</li> <li>• Urban Conservancy designation is appropriate for shorelines that maintain important ecological function, even though partially developed,</li> <li>• This area has the potential for development that is compatible with ecological restoration.</li> <li>• The segment has potential for ecological restoration.</li> </ul>	<ul style="list-style-type: none"> <li>• Area is rich in quality and quantity of life forms.</li> <li>• Area occurs within an important salmon spawning habitat.</li> <li>• Area is important to maintaining natural water quality within riparian and marine systems.</li> <li>• Area is currently platted or in low density residential uses.</li> <li>• Enhancement opportunities existing within area.</li> </ul>
Chuckanut B	Natural	Entire length of both banks in this segment.	<ul style="list-style-type: none"> <li>• Natural designation is appropriate for shorelines which are ecologically intact and performing important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Natural designation is appropriate for shorelines which are considered to represent</li> </ul>	<ul style="list-style-type: none"> <li>• Area is rich in quality and quantity of life forms.</li> <li>• Area is part of a unique habitat complex extending from the Cascades Mts. to the marine system.</li> <li>• Area occurs within an important salmon spawning habitat.</li> </ul>

Inventory Segment	Recommended Shoreline Designation	Area Designated	Designation Criteria	Rationale
			ecosystems and geologic types that are of particular scientific and educational interest.	<ul style="list-style-type: none"> <li>• Area is important to maintaining natural water quality within riparian and marine systems.</li> <li>• Area is a public holding and provides public access.</li> <li>• This area includes unstable slopes, wetlands, streams and intact native forest communities.</li> </ul>
Lake Padden A	Urban Conservancy	Entire length of segment landward of the OHWM of shoreline	<ul style="list-style-type: none"> <li>• Urban Conservancy designation is appropriate for shorelines areas that have open space, flood plain or other sensitive areas that should not be more intensively developed;</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that suitable for water related or water-enjoyment uses;</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that retain important ecological functions, even though partially developed.</li> </ul>	<ul style="list-style-type: none"> <li>• Area has high water dependent and associated recreational value.</li> <li>• Area is important to maintaining natural water quality within the adjacent lacustrine system.</li> <li>• Area is partially developed with trails, park buildings and lawn.</li> <li>• Enhancement opportunities existing within area.</li> </ul>
Lake Padden B	Natural	Entire length of segment landward of the OHWM of shoreline	<ul style="list-style-type: none"> <li>• Natural designation is appropriate for shorelines which are ecologically intact and performing important,</li> </ul>	<ul style="list-style-type: none"> <li>• Area is rich in quality and quantity of life forms.</li> <li>• Area is important to</li> </ul>

Inventory Segment	Recommended Shoreline Designation	Area Designated	Designation Criteria	Rationale
			<p>irreplaceable function or ecosystem-wide process that would be damaged by human activity.</p> <ul style="list-style-type: none"> <li>Natural designation is appropriate for shorelines which are considered to represent ecosystems and geologic types that are of particular scientific and educational interest.</li> </ul>	<p>maintaining natural water quality within adjacent lacustrine system.</p> <ul style="list-style-type: none"> <li>Area is a public holding and provides public access.</li> <li>This area includes wetlands, streams and intact native forest communities.</li> </ul>
Lake Padden A and B	Aquatic	Entire length of segments waterward of the OHWM of shoreline and associated wetlands.	Aquatic designation is appropriate for shoreline areas with unique characteristics of the aquatic environment that require management to ensure compatibility of upland and aquatic uses.	
Lake Whatcom A	Shoreline Residential	Includes reaches 1, 4 and 5 landward of the OHWM of shoreline	Shoreline residential designation is appropriate for areas incorporated with the City limits and/or UGA that are currently zoned or in residential use.	This segment occurs in areas zoned for single family residential use and is located within Bellingham City Limits or the Bellingham UGA
Lake Whatcom B	Urban Conservancy	Bloedel-Donovan Park – Reach 2 landward of the OHWM of shoreline	<ul style="list-style-type: none"> <li>Urban Conservancy designation is appropriate for shorelines areas that have open space, flood plain or other sensitive areas that should not be more intensively developed;</li> <li>Urban Conservancy designation is appropriate for shorelines areas that suitable for water related or water-enjoyment uses;</li> </ul>	<ul style="list-style-type: none"> <li>Area has high water dependent and associated recreational value (Bloedel-Donovan Park).</li> <li>Area is important to maintaining natural water quality within the adjacent lacustrine system.</li> </ul>

Inventory Segment	Recommended Shoreline Designation	Area Designated	Designation Criteria	Rationale
			<ul style="list-style-type: none"> <li>Urban Conservancy designation is appropriate for shorelines areas that retain important ecological functions, even though partially developed.</li> </ul>	<ul style="list-style-type: none"> <li>Area is partially developed with trails, park buildings and lawn.</li> <li>Enhancement opportunities existing within segment.</li> </ul>
Lake Whatcom C	Urban Conservancy	Reach 3	<ul style="list-style-type: none"> <li>Urban Conservancy designation is appropriate for shorelines areas that have open space, flood plain or other sensitive areas that should not be more intensively developed;</li> <li>Urban Conservancy designation is appropriate for shorelines areas that retain important ecological functions, even though partially developed.</li> </ul>	<ul style="list-style-type: none"> <li>Area is important to maintaining natural water quality within the adjacent lacustrine system.</li> <li>Area is partially developed in residential uses.</li> <li>Enhancement opportunities existing within segment.</li> </ul>
Lake Whatcom A, B and C	Aquatic	Segments A, B and C waterward of the OWHM of the shoreline and including associated wetlands	Aquatic designation is appropriate for shoreline areas with unique characteristics of the aquatic environment that require management to ensure compatibility of upland and aquatic uses.	
Whatcom Creek A, B, C	Urban Conservancy	Entire length of both banks in this segment that includes Reaches 1-5.	<ul style="list-style-type: none"> <li>Urban Conservancy designation is appropriate for shorelines areas that suitable for water related or water-enjoyment uses;</li> <li>Urban Conservancy designation is appropriate for areas that are open space, flood plain or other sensitive area that should not be intensively developed;</li> <li>Urban Conservancy designation</li> </ul>	<ul style="list-style-type: none"> <li>Area is suitable for water-related or water-enjoyment uses.</li> <li>Area has potential for ecological restoration.</li> <li>Area has potential for development that incorporates ecological restoration.</li> </ul>

Inventory Segment	Recommended Shoreline Designation	Area Designated	Designation Criteria	Rationale
			<p>is appropriate for shorelines areas that retain important ecological functions, even though partially developed.</p> <ul style="list-style-type: none"> <li>Urban Conservancy designation is appropriate for shorelines areas that have the potential for development that is compatible with ecological restoration.</li> </ul>	
Whatcom Creek D	Natural	Entire length of both banks in this segment that includes Reaches 6-8 and north bank of Reach 9.	<ul style="list-style-type: none"> <li>Natural designation is appropriate for shorelines which are ecologically intact and performing important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>Natural designation is appropriate for shorelines which are considered to represent ecosystems and geologic types that are of particular scientific and educational interest.</li> </ul>	<ul style="list-style-type: none"> <li>Area is rich in quality and quantity of life forms.</li> <li>Area is important to maintaining natural water quality within adjacent lacustrine system.</li> <li>Area is a public holding and provides public access.</li> <li>This area includes wetlands, streams and intact native forest communities.</li> </ul>
Squalicum Creek A	High Intensity	Both banks of segment (reach1)	<ul style="list-style-type: none"> <li>High Intensity designation is appropriate for shoreline areas that are located within incorporated municipalities and urban growth areas if they currently support high-intensity uses related to commerce, transportation or navigation; or are suitable and planned for</li> </ul>	<ul style="list-style-type: none"> <li>Land use in this segment is currently high-intensity commerce and transportation.</li> </ul>

Inventory Segment	Recommended Shoreline Designation	Area Designated	Designation Criteria	Rationale
Squalicum Creek B, C and D	Urban Conservancy	Both banks of segment and assoc. wetlands (reaches 2-5)	<p>high-intensity water-oriented uses.</p> <ul style="list-style-type: none"> <li>• Urban Conservancy designation is appropriate for shoreline areas that suitable for water related or water-enjoyment uses;</li> <li>• Urban Conservancy designation is appropriate for areas that are open space, flood plain or other sensitive area that should not be intensively developed;</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that retain important ecological functions, even though partially developed.</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that have the potential for development that is compatible with ecological restoration.</li> </ul>	<ul style="list-style-type: none"> <li>• Area is suitable for water-related or water-enjoyment uses.</li> <li>• Area has potential for ecological restoration.</li> <li>• Area has potential for development that incorporates ecological restoration.</li> <li>• Area provides important spawning habitat and migration corridor for salmonids.</li> </ul>
Squalicum Creek E and F	Natural	Both banks of segment and assoc. wetlands and flood plain (reach 6-8)	<ul style="list-style-type: none"> <li>• Natural designation is appropriate for shorelines which are ecologically intact and performing important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Natural designation is appropriate for shorelines which are unable to support new development or uses without</li> </ul>	<ul style="list-style-type: none"> <li>• Much of area is located within flood plain.</li> <li>• Area provides important salmonid habitat.</li> <li>• Stream is listed as a 303(d) Category 5 water for several parameters.</li> <li>• Area has been focus of intense study with regard to fisheries use and flooding.</li> <li>• Area has potential for</li> </ul>

Inventory Segment	Recommended Shoreline Designation	Area Designated	Designation Criteria	Rationale
			significant adverse impacts to ecological functions or risk to human safety.	ecological restoration. <ul style="list-style-type: none"> <li>• Most of segment supports native plant communities, although non-native present.</li> </ul>
Squalicum Creek G	Urban Conservancy	Both banks of segment and assoc. wetlands (reaches 9-11)	<ul style="list-style-type: none"> <li>• Urban Conservancy designation is appropriate for areas that are open space, flood plain or other sensitive area that should not be intensively developed;</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that retain important ecological functions, even though partially developed.</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that have the potential for development that is compatible with ecological restoration.</li> </ul>	<ul style="list-style-type: none"> <li>• Area is important to maintaining natural water quality within riparian and marine systems.</li> <li>• Area is currently supports low density commercial and residential uses.</li> <li>• Enhancement opportunities existing within area.</li> </ul>
Marine A and Reach 3	Urban Conservancy	Segment A (reaches 1 and 2) and Reach 3 landward of the OWHM of the shoreline including associated wetlands, estuaries or sloughs	<ul style="list-style-type: none"> <li>• Urban Conservancy designation is appropriate for areas that are open space, flood plain or other sensitive area that should not be intensively developed;</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that retain important ecological functions, even though partially developed.</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that have the potential for</li> </ul>	Landslide hazards on bluffs. <ul style="list-style-type: none"> <li>• Area is rich in quality and quantity of life forms.</li> <li>• Area is important to maintaining natural water quality and sediment movement in the marine system.</li> <li>• Area is currently moderate density residential uses at top of bluff.</li> </ul>

Inventory Segment	Recommended Shoreline Designation	Area Designated	Designation Criteria	Rationale
			development that is compatible with ecological restoration.	<ul style="list-style-type: none"> <li>Enhancement opportunities existing within area.</li> </ul>
Marine B	High Intensity	Segment B (Reaches 4-7) landward of the OWHM of the shoreline including associated wetlands, estuaries or sloughs	<ul style="list-style-type: none"> <li>High Intensity designation is appropriate for shoreline areas that are located within incorporated municipalities and urban growth areas if they currently support high-intensity uses related to commerce, transportation or navigation; or are suitable and planned for high-intensity water-oriented uses.</li> </ul>	<ul style="list-style-type: none"> <li>Land use in this segment is currently high-intensity commerce, navigation and/or transportation.</li> </ul>
Marine C and D	Urban Conservancy	Segment C and D (Reaches 8-10) landward of the OWHM of the shoreline including associated wetlands, estuaries or sloughs	<ul style="list-style-type: none"> <li>Urban Conservancy designation is appropriate for areas that are open space, flood plain or other sensitive area that should not be intensively developed;</li> <li>Urban Conservancy designation is appropriate for shorelines areas that retain important ecological functions, even though partially developed.</li> <li>Urban Conservancy designation is appropriate for shorelines areas that have the potential for development that is compatible with ecological restoration.</li> </ul>	<ul style="list-style-type: none"> <li>Area is currently high density residential uses at top of bluff.</li> <li>Area has high water dependent and associated recreational value.</li> <li>Area is important to maintaining natural water quality within the adjacent marine system.</li> <li>Area is partially developed with trails, buildings and roads.</li> <li>Enhancement opportunities existing within area.</li> </ul>
Marine E	High Intensity	Segment E (reach	<ul style="list-style-type: none"> <li>High Intensity designation is</li> </ul>	<ul style="list-style-type: none"> <li>Land use in this</li> </ul>

Inventory Segment	Recommended Shoreline Designation	Area Designated	Designation Criteria	Rationale
		11) landward of the OWHM of the shoreline including associated wetlands, estuaries or sloughs	appropriate for shoreline areas that are located within incorporated municipalities and urban growth areas if they currently support high-intensity uses related to commerce, transportation or navigation; or are suitable and planned for high-intensity water-oriented uses.	segment is currently high-intensity commerce, navigation and/or transportation.
Marine F	Urban Conservancy	Segment F (Reach 12) landward of the OWHM of the shoreline including associated wetlands, estuaries or sloughs	<ul style="list-style-type: none"> <li>• Urban Conservancy designation is appropriate for areas that are open space, flood plain or other sensitive area that should not be intensively developed;</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that retain important ecological functions, even though partially developed.</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that have the potential for development that is compatible with ecological restoration.</li> </ul>	<ul style="list-style-type: none"> <li>• Area is suitable for water-related or water-enjoyment uses.</li> <li>• Area has potential for ecological restoration.</li> <li>• Area has potential for development that incorporates ecological restoration.</li> </ul>
Marine G	Urban Conservancy	Segment G (Reach 13) landward of the OWHM of the shoreline including associated wetlands, estuaries or sloughs	<ul style="list-style-type: none"> <li>• Urban Conservancy designation is appropriate for shorelines areas that have open space, flood plain or other sensitive areas that should not be more intensively developed;</li> <li>• Urban Conservancy designation is appropriate for shorelines</li> </ul>	<ul style="list-style-type: none"> <li>• Area is currently a public park.</li> <li>• Area has high water dependent and associated recreational value.</li> <li>• Area is important to maintaining natural</li> </ul>

Inventory Segment	Recommended Shoreline Designation	Area Designated	Designation Criteria	Rationale
			<p>areas that suitable for water related or water-enjoyment uses;</p> <ul style="list-style-type: none"> <li>• Urban Conservancy designation is appropriate for shorelines areas that retain important ecological functions, even though partially developed.</li> </ul>	<p>water quality within the adjacent marine system.</p> <ul style="list-style-type: none"> <li>• Area is partially developed with trails, buildings and roads.</li> <li>• Enhancement opportunities existing within area.</li> </ul>
Marine H	Urban Conservancy	Segment H (Reaches 14, 16) landward of the OWHM of the shoreline including associated wetlands, estuaries or sloughs	<ul style="list-style-type: none"> <li>• Urban Conservancy designation is appropriate for shorelines areas that have open space, flood plain or other sensitive areas that should not be more intensively developed;</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that suitable for water related or water-enjoyment uses;</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that retain important ecological functions, even though partially developed.</li> </ul>	<ul style="list-style-type: none"> <li>• Area currently supports moderate to high density residential use at the top of bluff.</li> <li>• Area has high water dependent and associated recreational value.</li> <li>• Area is important to maintaining natural water quality within the adjacent marine system.</li> <li>• Area is partially developed with buildings, railroad and roads.</li> <li>• Enhancement opportunities existing within area.</li> </ul>
Marine I	Urban Conservancy	Segment I (Reaches 15, 17) landward of the OWHM of the shoreline including associated wetlands, estuaries or sloughs	<ul style="list-style-type: none"> <li>• Urban Conservancy designation is appropriate for shorelines areas that have open space, flood plain or other sensitive areas that should not be more intensively developed;</li> </ul>	<ul style="list-style-type: none"> <li>• Area currently supports moderate to high density residential use at the top of bluff.</li> <li>• Area has high water dependent and</li> </ul>

Inventory Segment	Recommended Shoreline Designation	Area Designated	Designation Criteria	Rationale
			<ul style="list-style-type: none"> <li>• Urban Conservancy designation is appropriate for shorelines areas that suitable for water related or water-enjoyment uses;</li> <li>• Urban Conservancy designation is appropriate for shorelines areas that retain important ecological functions, even though partially developed.</li> </ul>	<p>associated recreational value.</p> <ul style="list-style-type: none"> <li>• Area is important to maintaining natural water quality within the adjacent marine system.</li> <li>• Area is partially developed with buildings, railroad and roads.</li> <li>• Enhancement opportunities existing within area.</li> </ul>
Marine J	Natural	Segment J (Reaches 18 and 20) landward of the OWHM of the shoreline including associated wetlands, estuaries or sloughs	<ul style="list-style-type: none"> <li>• Natural designation is appropriate for shorelines which are ecologically intact and performing important, irreplaceable function or ecosystem-wide process that would be damaged by human activity.</li> <li>• Natural designation is appropriate for shorelines which are considered to represent ecosystems and geologic types that are of particular scientific and educational interest.</li> </ul>	<ul style="list-style-type: none"> <li>• Area is rich in quality and quantity of life forms.</li> <li>• Area is part of a unique habitat complex.</li> <li>• Area occurs within an important habitat areas for a variety of wildlife species.</li> <li>• Area is important to maintaining natural water quality within the marine system.</li> <li>• Area includes public holdings and provides some public access.</li> <li>• This area includes unstable slopes, wetlands, streams and intact native forest</li> </ul>

Inventory Segment	Recommended Shoreline Designation	Area Designated	Designation Criteria	Rationale
Marine K	Urban Conservancy	Segment K (Reach 19) landward of the OWHM of the shoreline including associated wetlands, estuaries or sloughs	<ul style="list-style-type: none"> <li>• Urban Conservancy designation is appropriate for shorelines with a mix of uses, and shorelines without predominant water dependent use.</li> <li>• Urban Conservancy designation is appropriate for shorelines with ecological restoration and important ecological functions, even though partially developed.</li> <li>• Urban Conservancy designation is appropriate for shorelines that maintain important ecological function, even though partially developed,</li> <li>• This area has the potential for development that is compatible with ecological restoration.</li> <li>• The segment has potential for ecological restoration.</li> </ul>	<p>communities.</p> <ul style="list-style-type: none"> <li>• Area is rich in quality and quantity of life forms.</li> <li>• Area occurs within an important habitat for a variety of wildlife species.</li> <li>• Area is important to maintaining natural water quality within riparian and marine systems.</li> <li>• Area is currently platted or in low density residential uses.</li> <li>• Enhancement opportunities existing within area.</li> </ul>
Marine A-K	Aquatic	Segment A - K waterward of the OWHM.	Aquatic designation is appropriate for shoreline areas with unique characteristics of the aquatic environment that require management to ensure compatibility of upland and aquatic uses.	