

2.5 Aquatic Environment Management Policies

- A. The *Aquatic* environment designation should apply to lands water-ward of the Ordinary High Water Mark.
- B. Allow new or expanded overwater structures only for water-dependent uses, public access, or ecological restoration.
- C. The size of new overwater structures should be the minimum necessary to support the structure's intended use.
- D. In order to reduce the impacts of shoreline development on shoreline ecological functions and increase effective use of water resources, multiple uses of overwater facilities should be encouraged.
- E. All development and uses on navigable waters or their beds should be located and designed to minimize interference with surface navigation, to consider impacts to public views, and to allow for the safe, unobstructed passage of fish and wildlife, particularly fish forage habitat and those species dependent on migration.
- F. Uses that adversely impact the ecological functions of critical saltwater and freshwater habitats should not be allowed except where necessary to achieve the objectives of RCW 90.58.020, and then only when their impacts are mitigated according to the sequence described in WAC 173-26-201(2)(e) as necessary to assure no net loss of ecological functions.
- G. Shoreline uses and modifications should be designed and managed to prevent degradation of water quality and alteration of natural hydrographic conditions.

- ~~G.H. Soft shore stabilization methods or habitat restoration approaches waterward of the OHWM should be encouraged when ecological functions can be improved, such as through restoration as envisioned in the West Bay Environmental Restoration Assessment Report for some reaches.~~
- ~~H. Space for preferred shoreline uses should be reserved. Such planning should consider upland and in-water uses, water quality, navigation, presence of aquatic vegetation, existing shellfish protection districts and critical wildlife habitats, aesthetics, public access and views.~~

2.6 Natural Environment Management Policies

- A. The *Natural* environment designation should be assigned to shoreline areas if any of the following characteristics apply:
 - 1. The shoreline is ecologically intact and therefore currently performing an important, irreplaceable function or ecosystem-wide process that would be damaged by human activity;
 - 2. The shoreline is considered to represent characterized by ecosystems and geologic types that are of particular scientific and educational interest; or
 - 3. The shoreline is unable to support new development or uses without significant adverse impacts to ecological functions or risk to human safety.
- B. Priest Point Park is one of a few shorelines along Budd Inlet that is ecologically intact. Therefore, any use or modification that would substantially degrade the ecological functions or natural character of this shoreline area should not be allowed.
- C. Scientific, historical, cultural, educational research uses, and water-oriented recreation access may be allowed provided that no significant ecological impacts on the area will result. Recreation uses should be limited to trails and viewing areas.

Commented [A6]: Per Gap Analysis Report – Appendix A, Item 7

Commented [A7]: Per Gap Analysis Report – Appendix A, Item 8

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Commented [A9]: Per City staff review team request.

Commented [A10]: Per Gap Analysis Report – Appendix A, Item 10
Text re-located to 2.4 (Shoreline Use and Development Policies).

Commented [A11]: Per Gap Analysis Report – Appendix A, Item 11

Summary of Comments on SMP-Revisions-Public-Draft-1-NS12.15.pdf

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Armoring above OHWM can also impact functions such as sediment recruitment, shade, and insect prey fallout. Restoration or replacement using soft approaches above OHWM can also be valuable. Would suggest removing the "waterward of the OHWM" if possible to encompass a wider range of projects and locations.

Fair market value: The open market bid price for conducting the work, using the equipment and facilities, and purchase of the goods, services and materials necessary to accomplish the development. This would normally equate to the cost of hiring a contractor to undertake the development from start to finish, including the cost of labor, materials, equipment and facility usage, transportation and contractor overhead and profit. The fair market value of the development shall include the fair market value of any donated, contributed or found labor, equipment or materials.

Float: A floating platform similar to a dock that is anchored or attached to pilings and which does not connect to the shore. A float may serve as a temporary moorage facility but is not intended to be used for boat storage. Floats are also used for swimming, diving or water skiing.

Floating home: A building on a float used in whole or in part for human habitation as a single-family dwelling that is moored, anchored, or otherwise secured in waters, and is not a vessel, even though it may be capable of being towed.

Floating on water residence: Any floating structure other than a floating home that: (i) is designed or used primarily as a residence on the water and has detachable utilities; and (ii) whose owner or primary occupant has held an ownership interest in space in a marina, or has held a lease or sublease to use space in a marina, since a date prior to July 1, 2014.

Flood hazard reduction measure: Flood hazard reduction measures may consist of nonstructural measures, such as setbacks, land use controls, wetland restoration, dike removal, use relocation, biotechnical measures and stormwater management programs, and of structural measures, such as dikes, levees, revetments, floodwalls, channel realignment, and elevation of structures consistent with the National Flood Insurance Program (NFIP).

Floodway: The “floodway” area that has been established in Federal Emergency Management Agency rate maps not including those lands that can reasonably be expected to be protected from flood waters by flood control devices maintained by or maintained under license from the federal government, the state, or a political subdivision of the state.

Functional Disconnect: [An existing, legally established public road or other substantially developed surface which effectively eliminates the capacity for upland areas to provide shoreline ecological functions, as defined in WAC 173-26-201\(2\)\(c\).](#)

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Commented [A36]: Per Gap Analysis Report – Table 8, Item 3 and Appendix A, Item 76

Gabions: Structures composed of masses of rocks, rubble, soil, masonry or similar material held tightly together usually by wire mesh, fabric, or geotextile so as to form layers, blocks or walls. Sometimes used on heavy erosion areas to retard wave action or as foundations for breakwaters or jetties.

Groin: Structure built seaward at an angle or perpendicular to the shore for the purpose of building or preserving an accretion beach by trapping littoral sand drift. Generally narrow and of varying lengths, a groin may be built in a series along the shore.

Harbor Area: The area of navigable waters determined as provided in Article XV, Section 1 of the State Constitution, which shall be forever reserved for landings, wharves, streets, and other conveniences of navigation and commerce.

Height (of Structure): The difference between the average grade level and the highest point of a structure (not including temporary construction equipment); provided, that television antennas, chimneys, and similar appurtenances shall not be used in calculating height except where such appurtenances obstruct the view of the shoreline from a substantial number of residences on areas adjoining such shorelines.

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While some shoreline ecological functions may be reduced or eliminated by a shoreline-adjacent road or other infrastructure, many shoreline functions may remain including shade, habitat, and soil stabilization.

use of the property or the conditions at the shoreline. Existing access meeting the standards described herein may be used to meet setback incentive provisions.

3. Trail shall be a commuter multi-use trail on a public easement no less than twelve (12) feet in width and providing no less than a 12-foot wide clear travel path, providing continuous public access across the site and shall be placed upland of the Ordinary High Water Mark and constructed to commuter multi-use trail standards as included in the City's Engineering Design and Development Standards. Existing trails meeting the requirements described herein may be used to meet setback incentive provisions. To receive setback reduction credit the trail must be built on the site.
4. Vegetation restoration shall be planting of native shoreline vegetation in excess of that required to achieve no net loss of environmental function from unavoidable impacts associated with a development proposal. Plantings shall substantially mimic undisturbed native shorelines in the South Puget Sound in plant species, species mixture and plant density. Vegetation restoration shall be accomplished through an approved Vegetation Management Plan. Restoration ratios shall begin at 2 square feet of restoration for every one (1) square foot reduction of the required setback area and demonstrate no net loss of environmental function.
5. Removal of bulkhead shall be the physical removal of a vertical structure and replacement with a softened shoreline treatment. Measures may include use of shoreline contouring, gravels, cobbles, limited use boulders, logs, and vegetation in a manner that promotes native aquatic species and protects the shoreline from erosion.
6. Replacement of a hardened shoreline shall be the physical removal of rip rap or other non-vertical shoreline protection and replacement with a softened shoreline treatment. Measures may include use of shoreline contouring, gravels, cobbles, limited use boulders, logs, and vegetation in a manner that promotes native aquatic species and protects the shoreline from erosion.
7. Water Dependent uses may encroach into the required setback and vegetation conservation area as described in Table 6.3 in accordance with the mitigation sequence in OMC 18.20.410. Reductions to less than a 20-foot setback shall only be allowed where the following two requirements have been met:
 - a. Alternative public access has been provided sufficient to mitigate the loss of direct public access to the shoreline and in no case shall public access be less than twelve (12) feet as described in paragraph 3 above;
 - b. The shoreline bulkhead removal or hardening replacement requirements of 5 or 6 above are met for each linear foot of shoreline impacted and the applicant demonstrates that a reduced setback would not result in the need for future shoreline stabilization.
8. No setback shall be required in the Port Marine Industrial shoreline environmental designation, however, mitigation shall be required to offset any impacts determined through the mitigation sequencing process to ensure no net loss of environmental function and to mitigate for loss of public access.

Shoreline setbacks shall not apply to areas that are disconnected from the shoreline by an existing, legally established road which results in a functional disconnect from the shoreline.

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Commented [A54]: Per City staff review team request.

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It's important that any remaining shoreline functions aren't lost because of existing infrastructure exempting the site from shoreline setbacks. Would suggest adding language to better define a Functional Disconnect as a situation where all shoreline ecological functions have been lost. Any remaining functions should be protected with setbacks. Allowing shoreline setbacks to not apply in areas which may have lost some but not all shoreline functions may result in loss of the remaining functions and may impact the viability of restoration projects in these areas by increasing the scale and degree of restoration needed.