

Development Guidelines – Shoreline Protection

| | Dynamic Beach Area | Bluff Areas |
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| Shore Protection - new | <p>Permitted</p> <p>Must be setback landward of the greater of the following:</p> <ol style="list-style-type: none"> 1) location of the 100 year lake level plus 15 m wave uprush allowance or; 2) as close to the current toe of the eroded dune as reasonably practicable <p>Existing decks, gazebos, bunkies, or other accessory structures which may interfere with the proposed shoreline protection must be relocated, in whole or in part, to the extent necessary to eliminate any interference with the shoreline protection.</p> <p>Application shall include mandatory design by a qualified Coastal Engineer. The qualified Coastal Engineer shall provide a formal written and sealed report which includes analysis demonstrating that the proposed works will not aggravate natural hazards, negatively impact coastal processes or negatively impact adjacent properties.</p> <p>Upon completion of the work the qualified Coastal Engineer shall provide certification that the protection has been installed per the approved design.</p> | <p>Permitted</p> <p>Must be landward of the greater of the following:</p> <ol style="list-style-type: none"> 1.) the location of the 100 year lake level or 2.) a line connecting the toe of the bluff and /or existing shore protection of the two abutting properties on either side of the subject property or 3.) the toe of existing bluff <p>Application shall include mandatory review by qualified Coastal Engineer which shows that the proposed works will not aggravate natural hazards.</p> |
| Shore Protection - replacement or maintenance of existing | <p>Permitted</p> <p>Replacement must be landward of the greater of the following:</p> <ol style="list-style-type: none"> 1.) the location of the 100 year lake level plus 15m wave uprush allowance or; 2.) the existing shore protection being replaced or; 3.) as close to the current toe of the eroded dune as reasonably practicable <p>All previous shore protection not used in the replacement (e.g. armour stone gabion stone etc.) must be removed from the site and disposed of.</p> <p>Review by a qualified Coastal Engineer which shows that the proposed works will not aggravate natural hazards may be required if, for example, the works contemplate a change in the size, location or nature of the existing shore protection.</p> | <p>Permitted</p> <p>Must be landward of the greater of the following:</p> <ol style="list-style-type: none"> 1.) the existing shore protection being replaced 2.) the location of the 100 year lake level 3.) a line drawn between the toe of the bluff and /or existing shore protection of the two abutting properties on either side of the subject property 4.) the toe of the existing bluff <p>All previous shore protection not used in the replacement (e.g. armour stone, gabion stone etc.) must be removed from the site and disposed of.</p> <p>Review by qualified Coastal Engineer which shows that the proposed works will not aggravate natural hazards may be required.</p> |
| Groynes - new | Not permitted | Not permitted |
| Groynes -replacement or maintenance of existing | Permitted, but will be considered on a case by case basis. | Permitted, but will be considered on a case by case basis. |