

2. GENERAL LAND USE AND DEVELOPMENT CODES

2.8 Code for Erosion and Sediment Control

PURPOSE

The purpose of this code is to:

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| <p>(a) protect the environmental values and water quality objectives of waterways by ensuring that the influence of climate, hydrology, soils and topography is adequately considered in development.</p> | <p>(b) protect and manage soils, vegetation, hydrological regimes, and the healthy functioning of aquatic, marine and wetland ecosystems, natural processes, and habitat, by minimising soil erosion and sediment loss into waterways from development.</p> |
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(1) Erosion & Sediment Control

PERFORMANCE CRITERIA	ACCEPTABLE MEASURES
<p>P1 The development is compatible with the land use constraints of the site, and provides for best practice environmental management of stormwater based on a thorough assessment of site characteristics including erosion risk, so as to not cause adverse impacts on waterways including not causing adverse changes to:</p> <ul style="list-style-type: none"> • hydrologic regimes including groundwater, waterway baseflow, and stream power; • waterway channel morphology and substrata; • the chemical, physical or biological condition of receiving waters 	<p>A1.1 Acceptable solution for all developments:</p> <p>(a) An appropriately qualified person¹ prepares (and certifies in the prescribed form) an Erosion Risk Assessment which predicts total soil loss for the development in accordance with Planning Scheme Policy No. 14 – Erosion and Sediment Control.</p> <p>AND</p> <p>(b) Best practice environmental management measures to minimise erosion and sediment loss, as detailed in Planning Scheme Policy No. 14 – Erosion and Sediment Control, are applied to the site at all times, including during and after over-design storm events, until the site is permanently stabilised.</p> <p>AND</p> <p>(c) The programming of works on the site seeks to minimise the total area of soil exposed at any one time.</p> <p>AND</p> <p>(d) Disturbed land is promptly and progressively revegetated or otherwise protected, and must be stabilised with vegetation or synthetic cover in accordance with Planning Scheme Policy 14 – Erosion and Sediment Control.</p> <p>AND</p> <p>(e) All drainage lines, diversion and collection drains and banks, chutes and outlets are able to carry peak flow, and remain stable, at least in the 10-year ARI time of concentration storm event.</p> <p>AND</p> <p>A1.2 Acceptable Solution for development which has predicted total soil loss greater than 150 tonnes (high risk):</p> <p>The volume, velocity, and duration of stormwater runoff from the development to any waters mimics the pre-development range of the 2 year ARI storm event.</p> <p>AND</p> <p>A1.3 Acceptable Solution for Material Change Use or a Reconfiguration of a Lot which has a predicted total soil loss greater than 150 tonnes (high risk):</p> <p>An appropriately qualified person¹ prepares (and certifies in the prescribed form) an Erosion and Sediment Hazard Evaluation Report and Concept Erosion and Sediment Control Plan for the development in accordance with Planning Scheme Policy No. 14 – Erosion and Sediment Control.</p>

(a) ¹ *Appropriately qualified person* is a person who has appropriate professional qualifications and experience as defined in Planning Scheme Policy No. 14 – Erosion and Sediment Control.

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	<p>AND</p> <p>A1.4 Acceptable Solution for Operational Works or Building Works which has predicted total soil loss greater than 150 tonnes (high risk): An appropriately qualified person1 prepares (and certifies in the prescribed form) an Erosion and Sediment Hazard Evaluation Report and Major Erosion and Sediment Control Plan for the development in accordance with Planning Scheme Policy No. 14 – Erosion and Sediment Control.</p> <p>OR</p> <p>A1.5 Acceptable Solution for Operational Works or Building Works that have predicted total soil loss less than or equal to 150 tonnes: (f) An appropriately qualified person1 prepares (and certifies in the prescribed form) a Minor Erosion and Sediment Control Plan for the development in accordance with Planning Scheme Policy No. 14 – Erosion and Sediment Control.</p>
<p>P2 Development occurs on land where water quality control measurements can be implemented to prevent adverse impacts on the receiving environment.</p>	<p>A2.1 It is demonstrated that the development does not involve the installation of necessary water quality control measures, or emplacement of any fill, below the one in two year ARI flood level</p> <p>AND</p> <p>A2.2 It is demonstrated that the development does not involve the installation of any water quality control basin which is subject to inundation in the one in two year ARI event or infiltration by groundwater.</p>
<p>P3 There is to be no flow or release from the site to any waters or to any place draining to waters which causes any adverse change to the chemical, biological or physical condition of the receiving waters.</p>	<p>For Agriculture, Forestry, Animal Husbandry or Stable:</p> <p>A3.1 There is to be no release, discharge or flow from the development to any waters (or place draining to waters) having a concentration exceeding 50 mg/litre of total suspended solids unless all reasonable and practical measures have been taken to prevent and minimise soil erosion and sediment loss from the site. Such measures must include compliance with any relevant agricultural code of practice endorsed by the Qld Government for the purpose of compliance with the General Environmental Duty under the Environmental Protection Act 1994.</p> <p>For all other development:</p> <p>A3.2 All erosion and sediment controls, including sediment basins, are designed in accordance with Planning Scheme Policy No. 14 – Erosion and Sediment Control and Chapter 6 of the Sunshine Coast Regional Council Erosion and Sediment Control Manual.</p> <p>AND</p> <p>A3.3 As far as is reasonable and practicable, all stormwater runoff and dewatering flows from all disturbed areas flow to one or more sediment basins.</p>