



## STORMWATER DRAINAGE MANAGEMENT POLICY

**STATUS:** City Policy ~~— A policy that is developed for administrative and operational imperatives and has an internal focus.~~

~~City policies are referred to Council for review and endorsement.~~

**RESPONSIBLE  
DIRECTORATE:** Infrastructure and Operations Services

**OBJECTIVE:** ~~To protect and improve natural areas within the City.~~

To ensure stormwater is managed to protect environmental, social and economic values.

To facilitate the integration of water sensitive design principles into planning and development within the City of Joondalup.

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### 1. STATEMENT

~~The disposal of storm water into natural areas is considered to be detrimental to the biodiversity of the area and is not viewed as a sustainable practice.~~

~~Stormwater drainage will not be permitted where land is:~~

- ~~1 — classified in Volume 26 of “Wetlands of the Swan Coastal Plain — wetland mapping, classification and Evaluation Atlas”;~~
- ~~2 — Listed as a system six wetland;~~
- ~~3 — Land reserved for Parks and Recreation and foreshore;~~
- ~~4 — Classified as Resource Enhancement or Multiple Use Management as per Water and Rivers Commission/Department of Environmental Protection (1996);~~
- ~~5 — Listed as a coastal reserve;~~
- ~~6 — A local waterway;~~
- ~~7 — Any other land which, in the opinion of the Chief Executive Officer, is likely to suffer adverse environmental impact from the effects of stormwater drainage.~~

~~From time to time the City may be prepared to accept the piped discharge of stormwater drainage to lakes or other wetlands in such reserve lands on the following basis:~~

- ~~1 The City is satisfied that no alternative disposal method is reasonably available to the proponent.~~

- 2 — ~~Provision has been made for the pre-treatment of the water to the satisfaction of the Director Infrastructure and Operations and in accordance with the water sensitive design principles/practices.~~

In pursuance of its commitment to environmental sustainability, the City of Joondalup seeks to optimise the use and management of stormwater resources, consistent with current best management practice.

City operations should be consistent with the objectives and principles of the following State Government documents:

- State Planning Policy 2.9: Water Resources (Western Australian Planning Commission 2006)
- Better Urban Water Management (Western Australian Planning Commission 2008)
- Stormwater Management Manual for Western Australia (Department of Water 2007)

## **2 DETAILS**

Wherever practicable, the City of Joondalup will manage stormwater resources in a manner that protects the local environment, enhances social values and protects the built environment.

### **2.1 Management of Stormwater Resources**

The management of stormwater resources within the City will be in accordance with the following objectives outlined within the Stormwater Management Manual for Western Australia:

- (a) Maintain water quality of surface and groundwater resources
- (b) Maintain the total water cycle balance
- (c) Retain, use and infiltrate stormwater at source
- (d) Conserve water through the reuse of stormwater
- (e) Integrate stormwater treatment into the landscape
- (f) Retain natural drainage systems and protect ecosystem health
- (g) Implement stormwater management systems that are economically viable in the long term
- (h) Protect the built environment from flooding and water-logging
- (i) Ensure that social, aesthetic and cultural values are recognised and maintained when managing stormwater
- (j) Ensure the delivery of best practice stormwater management through planning and development.

### **2.2 Stormwater Drainage**

The disposal of stormwater into natural areas is detrimental to the environmental values of the City and therefore stormwater drainage will not be permitted in the following areas without appropriate flow attenuation:

- (a) Wetlands classified within the *Geomorphic Wetlands of the Swan Coastal Plain* dataset, developed and updated by the Department of Environment and Conservation.
- (b) Lands included within the *City of Joondalup District Planning Scheme No.2, Schedule 5*.
- (c) Lands classified under the *Metropolitan Region Scheme* as "Parks and Recreation".
- (d) Coastal reserves and coastal foreshore.
- (e) Any other land which, in the opinion of the Chief Executive Officer, is likely to suffer adverse environmental impact from the effects of stormwater drainage.

### **2.3 Stormwater Management Planning**

In order to ensure that development within the City of Joondalup integrates water cycle management and water sensitive urban design principles, planning and development should be in accordance with the principles of *Better Urban Water Management*.

The management of urban stormwater is to be considered in each phase of the planning process including Regional Planning, District Planning, Local Planning and at the subdivision and development stages.

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Creation Date:	July 1999
	Formerly: <ul style="list-style-type: none"><li>• <i>Stormwater Drainage into Wetlands Policy</i></li><li>• <i>Prevention of Stormwater Discharge into Natural Areas Policy</i></li></ul>
Amendments:	CJXXXX
Related Documentation:	<ul style="list-style-type: none"><li>• <i>State Planning Policy 2.0: Environment and Natural Resources</i> (Western Australian Planning Commission 2003)</li><li>• <i>State Planning Policy 2.9: Water Resources</i> (Western Australian Planning Commission 2006)</li><li>• <i>Better Urban Water Management</i> (Western Australian Planning Commission 2008)</li><li>• <i>Stormwater Management Manual for Western Australia</i> (Department of Water 2007)</li><li>• <i>City of Joondalup Local Planning Strategy</i> (2010)</li></ul>