

Policy P203 Ground Water Management

Responsible Business Unit/s	Parks & Environment, Engineering Services, Development Services
Responsible Officer	Manager Parks & Environment, Manager Engineering, Manager Development Services
Affected Business Unit/s	Engineering Services, Development Services

Policy Objectives

The City recognises that groundwater is a resource that needs to be managed responsibly. The protection and efficient management of ground water will ensure preservation of water quality and a continued supply of water for the irrigation of the City's parks and reserves, including Collier Park Golf Course.

Policy Scope

This policy is relevant to the use of ground water for irrigating parks, reserves and the Collier Park Golf Course for wider community enjoyment and to ensure the protection of groundwater in the superficial aquifer in the context of development applications.

Policy Statement

Irrigation

The City's utilisation of ground water resources will incorporate principles and practices to minimise extraction and maximise recharge through the use of:

- a) Efficient irrigation systems;
- b) Development of water conservation practices for parks and landscape areas;
- c) Efficient equipment selection to achieve both power and water savings; and
- d) Technology for the collection, validation, collation and reporting of groundwater use and efficiency data.

Drainage

The City will implement measures to intercept surface flows in order to:

- a) Reduce direct run-off into the Swan and Canning Rivers
- b) Enhance groundwater recharge
- c) Remove pollutants from surface flows before discharging into receiving waters

Development

The City will require the provision of Dewatering Management Plans when considering development applications that incorporate basement construction. Dewatering and/or Acid Sulphate Soils (ASS) Management Plans will need to be submitted where any basement construction is included in a development proposal that may impact upon the groundwater.

- The City will require an independent review of Dewatering Management Plans by a competent groundwater professional before developments incorporating basements are supported.
- The proponent must demonstrate that infiltration of dewatering will not have a deleterious effect on the site proposed to take the water, including any runoff to the Swan River or Canning River.

Legislation/ Local Law Requirements

Not Applicable

Other Relevant Policies / Key Documents

City of South Perth Strategic Community Plan 2021-2031

P692 Sustainability Policy

P211 Water Sensitive Urban Design

City of South Perth Water Management Plan 2017-2022

M354 Stormwater Drainage for Proposed Buildings

City of South Perth Stormwater Drainage for Proposed Buildings Design Guidelines