

# CANAL WATERWAYS MANAGEMENT

## POLICY

POL-EVM 06

### Objective:

To set the parameters for the management and maintenance of canal waterways existing within the City of Mandurah (the 'City').

### Statement:

#### MANAGEMENT AND MAINTENANCE

##### Developer Responsibility

Following the City overseeing the development and ensuring compliance with subdivisional guidelines, the developer shall be responsible for waterways maintenance for a minimum of five years following completion of the development.

##### City of Mandurah Responsibility

Following handover of canal management from the developer to the City, Waterways Advisory Groups (WAGs) will have the responsibility for setting the canal maintenance requirements which are paid for via the specified area rate (please see funding). These Groups will comprise the following representatives:

City of Mandurah Representatives	up to 3 representatives
Individual Canal Ratepayer Association Members	up to 3 representatives

Representatives from the Department of Transport, Department of Water and the Department of Environmental Regulation will provide specialist advice as and when required.

##### Funding

After handover, canal management is jointly funded by the City of Mandurah and canal property owners. The City contributes from general revenue and private property owners are levied by a Specified Area Rate in accordance with the provisions of the *Local Government Act 1995* and Council's related policy.

The City's contributions can vary from one canal estate to another. Contributions are calculated as a percentage of Council controlled waterfront to total waterfront and other factors such as allowances for public boat ramps and other negotiated uses.

##### Limits of Responsibilities

The City of Mandurah, as the Waterways Manager, is responsible for the management, monitoring and maintenance works within the boundaries of the water bodies of the canals and entrance channel. This includes maintaining the canals and entrance channel seabeds to an adequate depth for safe navigation, maintaining canal banks for revetment wall stability and ensuring an acceptable water quality standard exists.

Canal lot owners are required to obtain a planning approval for jetty structures within the canal waterway and within cadastral boundaries of canal lots. Marine structures such as jetties and mooring buoys require a jetty license approval from the Department of Transport, and it is the Licensee's responsibility for maintaining such structures.

Navigational aids fall within the jurisdiction of the Department of Transport. The policing of speed limits fall within the jurisdiction of the Western Australian Water Police.

The maintenance responsibilities stated above include:

1) Hydrographic Surveys

These shall be carried out on an annual basis, or as necessary to monitor sand/silt movements within the canals and in the entrance channel. Data recorded shall be used as the basis for ongoing dredging and/or other maintenance works. The canals and the entrance channel shall be maintained at design profiles.

2) Water Quality

Water quality shall be maintained to comply with approved Guidelines for recreational use or ambient water quality. The City's Environmental Health Services Section will monitor water quality at nominated locations on a monthly basis. Samples taken will be analysed for the following parameters:

- Thermotolerant Coliforms
- Faecal Streptococci
- Salmonella
- Dissolved oxygen
- Turbidity
- Salinity
- Conductivity
- Temperature
- Nitrate and nitrite
- Phosphorous

These parameters coincide with sampling carried out by the Department of Water in the Peel/Harvey Estuary System. Recorded data shall provide the basis for ongoing public awareness and education programmes in relation to the use of fertilisers and stormwater retention.

3) Litter Control

Litter and debris shall be collected in accordance with the agreed schedule which is determined by the WAG as part of the ongoing maintenance responsibility.

4) Walls

Canal revetment walls which are located inside individual cadastral boundaries remain the responsibility of lot owners. The City recommends regular monitoring of the structural integrity of these walls to identify maintenance requirements. Canal walls which abut public open spaces managed by the City remain the responsibility of the City and funding for this work is provided from general revenue and not from the specified area rate reserve account.

5) Dredging

Entrance channels into canal estates will be dredged on an as needed basis following consultation with the relevant WAG, with funds for such works being raised via a specified area rate applied to all canal lot owners.

<b>Responsible Directorate:</b>	Works and Services
<b>Reviewer:</b>	Manager Marina and Waterways
<b>Creation date:</b>	Minute G. 23/12/01, 12 December 2001
<b>Amendments:</b>	Minute G.26/5/10, 25 May 2010 Minute G.57/2/12, 28 February 2012 Minute G.35/2/15, 24 February 2015 Minute G.12/7/19, 23 July 2019
<b>Related Documentation and/or Legislation:</b>	<i>Local Government Act 1995</i> <i>Planning and Development Act 2005</i> <i>Jetties Act 1926</i> Planning Policy No 11 – Canal Waterways Structures Western Australian Planning Commission Policy No DC 1.8 Individual City of Mandurah Deeds of Agreements