



Government of **Western Australia**
Department of **Water**

Department of Water

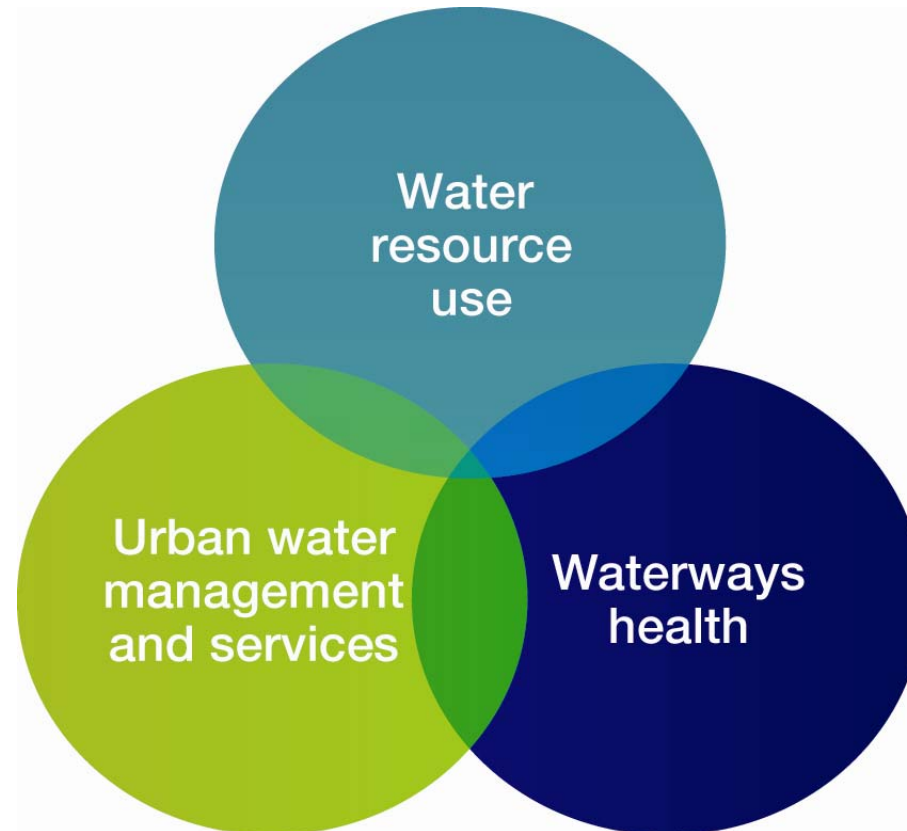
Looking after all our water needs





Government of Western Australia
Department of Water

Department of Water's primary functions








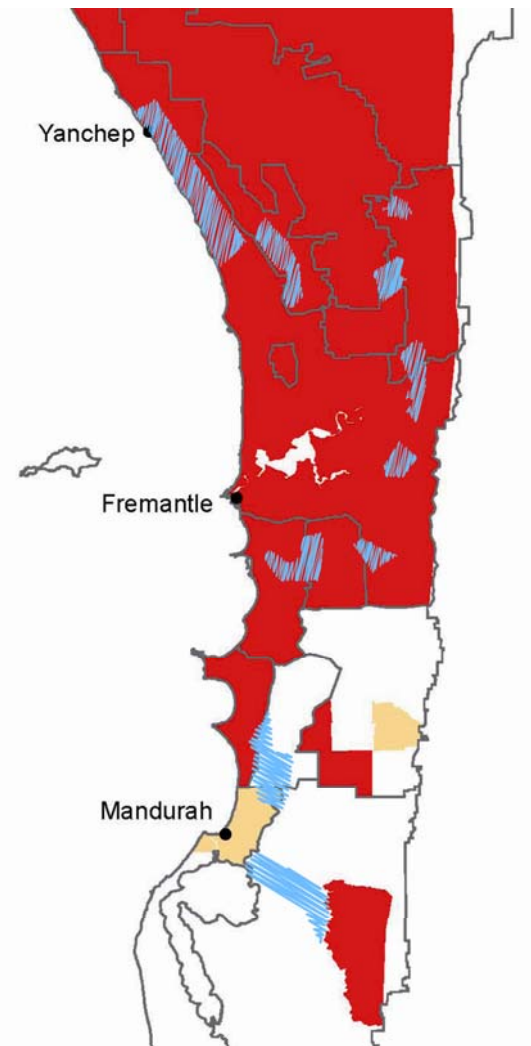
1. Water Availability and Use

- Access to water resources for land development in the Perth-Peel region is becoming more difficult.
- Trading of water licences is already occurring to meet land development needs



Groundwater Availability Perth-Peel Region

-  Fully allocated
-  More than 70% allocated
-  Future urban areas





2. Water Sensitive Urban Development

- i. Minimise runoff through maximum infiltration to increase water available for use;
- ii. Retain and restore existing elements of the natural drainage system such as waterways and wetlands;
- iii. Maximise water use efficiency
- iv. Minimise the discharge of pollutants to rivers and wetland.



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Water Sensitive Urban Development





3. Alternative Water Sources

Examples:

- Groundwater third pipe schemes
- Treated wastewater for recreation areas
- Managed Aquifer Recharge
 - Stormwater
 - Treated wastewater