5. Monitoring and review

Coastal Catchments Initiative

In June 2006 the Swan-Canning river system was identified as a top four water quality issue as part of the Australian Government’s Coastal Catchments initiative. The Swan-Canning river system is responsible for providing the regional Water Quality Improvement Plan for the Swan-Canning river system. The regional WQIP provides a roadmap for reducing nutrient levels in the river system using scientific models and decision support tools to identify the best solutions and strategies for future implementation. The Swan-Canning river system WQIP will include a number of implementation and monitoring activities such as the Swan-Canning river system.

In 2006, the Water Quality Improvement Plan (WQIP) was developed for the Bannister Creek Catchment. The Bannister Creek WQIP identified four strategies to improve water quality in the Bannister Creek Catchment. These strategies were: 1) existing activities, 2) future investments for optimal water quality, 3) local water quality improvement plans (WQIPs) and 4) Coastal Catchments Initiative.

Local WQIPs link to existing projects and programs in the catchment. The Coastal Catchments Initiative future investments for optimal water quality are in partnership with other stakeholders (coastal councils, community, government and private sector). Local WQIPs can be adapted to suit the individual needs of the catchment and be linked to existing projects and programs in the catchment.

In 2006, the Bannister Creek Catchment WQIP was developed in consultation with the following stakeholders:

Bannister Creek Catchment

Outcomes

The Swan River Trust (Trust) and partners work to reduce nutrients and other contaminants entering the Canning River through the Bannister Creek Catchment. The Water Quality Improvement Plan (WQIP) for the Bannister Creek Catchment includes a number of implementation activities in collaboration with other stakeholders. The WQIP identifies four strategies to improve water quality in the Bannister Creek Catchment.

Outcomes

3. Cancer of the Swan Canning Riverpark

Further Reading

Australian and New Zealand Guidelines for Freshwater and Marine Water Quality, Volume 1, The Guidelines

Further Reading

Improvement Plan for the Swan Canning river system.

Further Reading


www.gosnells.wa.gov.au

www.gosnells.wa.gov.au
2. Condition
What are the water quality issues in the Bannister Creek Catchment?

The condition of the Bannister Creek Catchment is assessed against a number of criteria. Table 1 lists the most relevant criteria. Values for the criteria are given in Table 2.

The South West Catchment Management Authority (SWCMA) develops and implements the Swan Canning Regional Water Quality Improvement Program (WQIP). The Bannister Creek Catchment WQIP aims to reduce nutrient loads entering the Canning River through nutrient intervention and changed management practices. By using a treatment train approach, a combined approach of treatment and prevention is expected to provide the most effective outcome for improving water quality targets.

3. Values, objectives and targets
What water quality improvements would we like to achieve in the Bannister Creek Catchment?

The South West Catchment Management Authority (SWCMA) develops and implements the Swan Canning Regional Water Quality Improvement Program (WQIP). The Bannister Creek Catchment WQIP aims to reduce nutrient loads entering the Canning River through nutrient intervention and changed management practices. By using a treatment train approach, a combined approach of treatment and prevention is expected to provide the most effective outcome for improving water quality targets.

4. Implementation
How do we achieve the water quality targets?

The South West Catchment Management Authority (SWCMA) develops and implements the Swan Canning Regional Water Quality Improvement Program (WQIP). The Bannister Creek Catchment WQIP aims to reduce nutrient loads entering the Canning River through nutrient intervention and changed management practices. By using a treatment train approach, a combined approach of treatment and prevention is expected to provide the most effective outcome for improving water quality targets.