WATER TREATMENT AND RESOURCES ASSETS

Your feedback will help shape the development of our Asset Management Plans so that we offer the right levels of service for our assets for the future.

The key questions are:

- **How well do they perform?**
- **Are they delivering our Community Levels of Service?**
- **What can be improved?**



Find out more and provide feedback at
makingmarion.com.au

Comments close on 9 September 2020

Our water treatment and resources assets include Oaklands Aquifer Storage and Recharge, Wetlands, Rivers and Creeks , Water Sensitive Urban Designs and Groundwater Bores.

WATERING OUR CITY

The City of Marion uses a range of water treatments to maximise water harvesting capacity and improve water quality across the City.

We seek to harness the potential of Stormwater to overcome water shortages and reduce urban temperatures,improving waterway health and the landscape of our city.

Our main Stormwater treatment facility is at Oaklands Wetlands. The wetlands are a 'water farm' capable of treating up to 400ML of Stormwater per year. Treated Stormwater is stored underground in the natural aquifer, providing a reservoir for summertime irrigation demands within the City of Marion.

This Plan treats Stormwater as a resource, from which ‘value’ can be extracted, whilst exploring every opportunity to minimise adverse impacts that Stormwater can create.

WHAT YOU TOLD US

Council uses a range of activities to engage with the community and stakeholders on these services, such as Social Media, Community Workshops and Meetings, Education Services, our website and via our Elected Members.

The Improvement Plan includes an action to investigate the feasibility of adding additional questions to Council’s future Community Satisfaction Surveys.

HOW WE HAVE LISTENED

By listening and understanding what is important to you, we have developed Community Levels of Service:

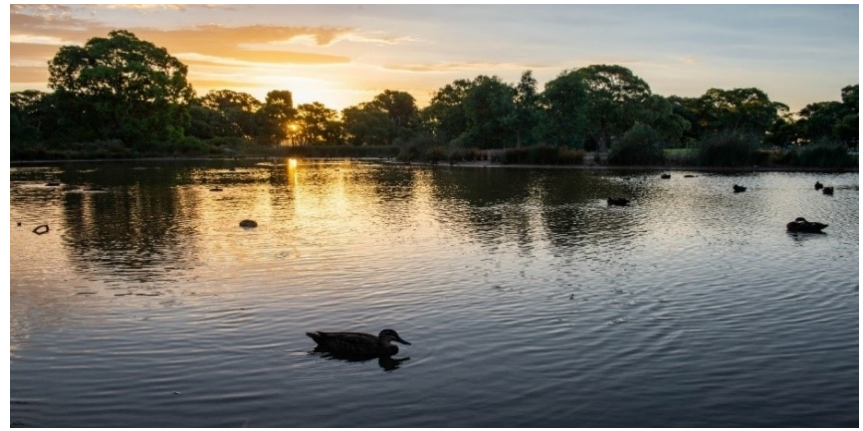
SAFETY	No preventable injuries
QUALITY	Operational requirements are safely and effectively met
FUNCTION	Provide sufficient assets to meet levels of service
CAPACITY	Assets are designed to cater for current demand
SUSTAINABILITY	Operational requirements are safely and effectively met, whilst minimising impact on the environment

We will optimise our spending through better asset management to deliver these service levels in the most affordable and efficient way.

This Plan is a first step towards improved asset management for our water resources. As such several improvements have been identified.

Future versions of this Plan will be informed by the improvement actions identified.

WHAT WE ARE DELIVERING



Becoming a 'Water Sensitive City' and minimising flooding.

Managing our significant wetlands to deliver a sustainable alternative source of water.

Investing in ground and surface water protection, enhancing streetscapes by incorporating rain gardens and other water sensitive urban design.

Exploring what we can do to build asset resilience in response to climate impacts.

Continuing to assess innovation opportunities through rapid changes in technology.

HAVE YOUR SAY

makingmarion.com.au

WATER TREATMENT AND RESOURCES ASSET MANAGEMENT PLAN

EXECUTIVE SUMMARY

Assets covered by this plan



Oaklands Wetlands Aquifer Storage and Recharge Facility / Distribution Network - Gross replacement cost $7.65M

Wetlands, Rivers and Creeks - Gross replacement cost $6.40M

Water Sensitive Urban Designs - Gross replacement cost $5.01M

Groundwater Bores - Gross replacement cost to be identified during 2020/21

Reliable to uncertain asset data

What it will cost over the 10-year planning period



Operation	$3.97M
Maintenance	$3.12M
Renewal	$3.68M
Total	$10.77M

Levels of Service



- Comply with all relevant Acts, Legislation and Standards.
- Comply with all Permits, Licences, Authorisation and Codes of Practice.
- Perform duties within Council Delegations.
- Operate in accordance with manufactures instructions and maintenance manuals.
- Deliver on community expectations within allocated budgets.

Funding levels are sufficient to continue to provide identified Community Levels of Service.

Risk Management



Detailed Risk Assessment and Risk Register.

Funding levels are sufficient to continue to manage risks.

Future Demands managed through ongoing monitoring



- Environmental Sustainability and drought response.
- Grant Opportunities, Technology and Improvement Initiatives.
- Legislation including State-led Water Allocation Plans.
- New Customers, Scheme Expansion and New Distribution Network.

Improvement Plan



- Improve data confidence.
- Integrate asset and financial management systems.
- Create a depreciation and fixed/variable cost model.
- Develop a Long-Term Financial Planning model.
- Develop Annual Replacement/Renewal Program and increasing level of detailed budgeting.