



Merri-bek City Council

Passive Irrigation Trial

CB Smith Reserve, Fawkner

April 2025



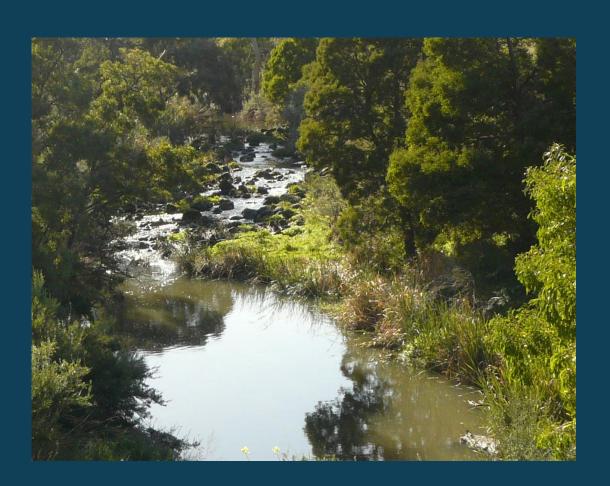






Acknowledgement of Country





This event is being held on the lands of the Wurundjeri Woi-wurrung people.

We wish to acknowledge them as the Traditional Owners and Custodians of these lands and waterways and would also like to pay our respect to their Elders past, present, and emerging, as well as to all First Nations communities who significantly contribute to the life of this area and who may be with us today.

The project we are talking about today, is located up stream from the Merri Creek.

Merri Merri means "very rocky" in Woi-wurrung, the traditional language of this Country.

Integrated Water Management at Merri-bek





Moreland City Count

Integrated Water Management Strategy 2040 – Towards a Water Sensitive City

Table 1 Five outcomes to identify IWM opportunities.



Collaborating in a Water Sensitive City

Identify partnership and educational opportunities.



Resilient and Liveable Landscapes

Determine if the project can:

- Reduce flood risk,
- Harvest, store, and reuse stormwater or rainwater,
- · Enhance greening, thereby creating cool and pleasant areas.



Wise Water Use

Assess the potential for incorporating stormwater or rainwater harvesting and reuse.



Healthy Waterways

Evaluate if the project can:

- · Reduce peak flows to waterways, thus minimising erosion.
- Treat stormwater to improve waterway water quality.
- · Return baseflows to the waterways via infiltration.



Community Embracing Water Sensitive Design

Explore opportunities for community engagement, understanding their priorities, and educational possibilities.





Relevant IWM Indicators:

WM Indicator 1 Working with others improves IWM outcomes

IWM Indicator 2.1 Increase urban tree resilience supported by water

IWM Indicator 2.3 Reduce extent of flooding

VM Indicator 2.4 Reduce urban heat load

IWM Indicator 3.1 Reduce Council's mains water use

WM Indicator 3.2 Increase council alternative water use

IWM Indicator 3.3 Reduce community water use

WM Indicator 4.1 Reduce stormwater pollutant loads and flow volumes

discharged to receiving waters

IWM Indicator 4.2 Increase provision of water for biodiversity

IWM Indicator 5.1 Increase uptake of WSUD in new development

IWM Indicator 5.2 Reduced flow rate and volume of water from new

developments, improving on pre-development conditions

IWM Indicator 5.3 Working together with community groups for a transition to

water sensitive cities

