



Merri-bek City Council

# Passive Irrigation Trial

**CB Smith Reserve, Fawkner**

**April 2025**



# Acknowledgement of Country



**Merri-bek**  
City Council



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



Merri-bek  
City Council



Moreland City Council

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.



# Towards a Water Sensitive City



Merri-bek  
City Council

## Relevant IWM Indicators:

- IWM 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
- IWM Indicator 2.4** Reduce urban heat load
- IWM Indicator 3.1** Reduce Council's mains water use
- IWM Indicator 3.2** Increase council alternative water use
- IWM Indicator 3.3** Reduce community water use
- IWM 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

