

Draft Integrated Water Management Plan

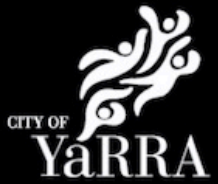


Image credit: City of Yarra



Prepared by: Streets Alive Yarra
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Foreward

Streets Alive Yarra is a non-profit, volunteer, resident and ratepayer action group with a [vision](#) for more trees, wider footpaths and vibrant businesses in thriving [neighbourhoods](#). We see our streets being used by people from [all ages](#), irrespective of whether they choose to walk, cycle, use public transport or drive. Residents and shoppers are able to move safely, comfortably, and conveniently around Yarra; and can easily find a park near shops.



Image credit: OCULUS Landscape Architecture and Urban Design

Streets Alive Yarra was founded in 2017 and now has over 2,500 likes on Facebook, increasing by approximately 10 per week. A network of local champions develops concepts and proposals for how to improve their local street or precinct. Streets Alive Yarra is also Yarra's Walkability Action Group (WAG) representative for Victoria Walks. Further information is available at: streets-alive-yarra.org/about.

Summary

Streets Alive Yarra supports the draft Integrated Water Management Plan. We also support the submission from Abbotsford Riverbankers.

We recommend that Plan include an action to improve Council's Geographical Information System (GIS) to include data on:

- Complete map of drainage infrastructure
- Complete map of impermeable land area (m2) that feeds our drainage infrastructure
- Complete map of all trees that have an impact on drainage requirements

Data gaps

Managing water costs money. In particular, sub-surface infrastructure, such as drainage pipes, are expensive to repair, renew, or replace. To be able to manage costs, we need accurate data.

It is concerning that the City of Yarra does not have data on 80% of our drainage infrastructure.

Objective 2: A resilient and effective drainage network that flows into healthy and valued waterways

Target	Description	Timing	Success Indicators
2.1 Drainage Asset Data Collection	Survey and obtain critical information of drainage network	2024	<ul style="list-style-type: none">• Reduce gap in drainage data base to from 80% to 20%

Image credit: Draft Integrated Water Management Plan

Geographical Information System

The City of Yarra has started a project to update its Geographical Information System (GIS).

Yarra City Council
Enterprise GIS Replacement
C1544

Image credit: City of Yarra

As part of Objective 2 and Action 5, the Integrated Water Plan should include an action to ensure that the GIS project is specified and implemented in a manner that ensures the new GIS will include data relevant to water, including:

- Complete map of drainage infrastructure, including kerb & channel, grates, pits and pipes
- Complete map of impermeable land area (m²) that feeds our drainage infrastructure, including roofing, concrete and asphalt
- Complete map of all trees that have an impact on drainage requirements, e.g. by absorbing or filtering water
- Condition of all drainage infrastructure, including material, dimensions, date of last inspection, estimated date of required renewal, estimated cost of required renewal

Concluding remarks

Streets Alive Yarra would be delighted to provide further detail or explanation of the themes raised in this document.

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