



# Romsey Recycled Water Management Update

28 February 2020

## **Irrigation of Recycled Water**

The first stage of the project is now in the detailed design phase. This includes:

- soil assessments undertaken by agronomists to determine the type and scale of irrigation equipment needed for the site. This will then inform the design specifications for civil and electrical works required to provide the irrigation infrastructure.
- an Irrigation Management Plan to ensure that all irrigation is undertaken sustainably and according to EPA requirements. A key feature of this is designing a site drainage system to ensure containment of irrigated recycled water within Western Water's property boundary.

To complete the second stage of the project, a planning permit to remove some native vegetation is required and we are in the process of designing Stage 2 of the project to minimise the need to remove existing vegetation.

## **Increase Capacity of Plant to Store Excess Recycled Water**

- We are continuing to look into the costs and environmental implications of providing more storage capacity for recycled water at the Portingales Lane plant.
- As part of planning our forward program for capital works, any expansion of the plant will be required to proceed as a separate project through Western Water's project approval process. We will provide more information on the timelines for the planning and engineering design of this project in future updates.

## **Investigate Alternative Technology**

- We continue to investigate new technologies which would allow us to reduce the excess recycled water. We have commenced planning of a trial for the use of evaporative technology at one of our other recycled water plants. We'll provide further updates on these alternative methods as we assess them, as well as progress with the trial.

## **Ecological surveys of the creek**

The fish, platypus and macroinvertebrate surveys have been completed, and a preliminary report is now being assessed by Western Water. Once the results have been evaluated and the report finalised, we will publish the full report on our website.

The next update will be provided on Tuesday 31 March 2020.