

## FACT SHEET



*Cann River winter storage lagoon*

### Background

Development of the Cann River Wastewater Treatment Plant began in 2012, with sewerage services coming in to operation in the town in soon after.

The Wastewater Treatment Plant treats sewage, or wastewater, from Cann River and surrounds. The treatment plant operates through a lagoon system, made up of two treatment lagoons and one winter storage lagoon. This system treats incoming wastewater from Cann River to a standard that it can be put to beneficial reuse.

### Wastewater collection

Sewage is collected via pumped sewers lines from the township of Cann River and is fed straight in to the first lagoon at the Cann River wastewater treatment plant. After wastewater enters the treatment plant, it undergoes a lagoon treatment process, following which it can be released for reuse.

### Wastewater treatment

Once the sewage enters the treatment plant, it is fed to the first treatment lagoon, which is known as a facultative lagoon. Here, solids settle to the floor of the lagoon and are naturally digested and treated by microscopic organisms. Eventually the organic component of the solids is stabilised.

From the first facultative lagoon, the wastewater flows by gravity to a second facultative lagoon. Here, the wastewater is released to the Winter Storage Lagoon, from where the water can be beneficially reused. The winter storage lagoon stores treated water during the winter months and wet weather, when irrigation is not possible. It also provides further treatment of the wastewater

Treated wastewater must be held in the winter storage lagoon for a minimum of 20 days to allow for disinfection to occur before it can be released for reuse.

## Beneficial reuse

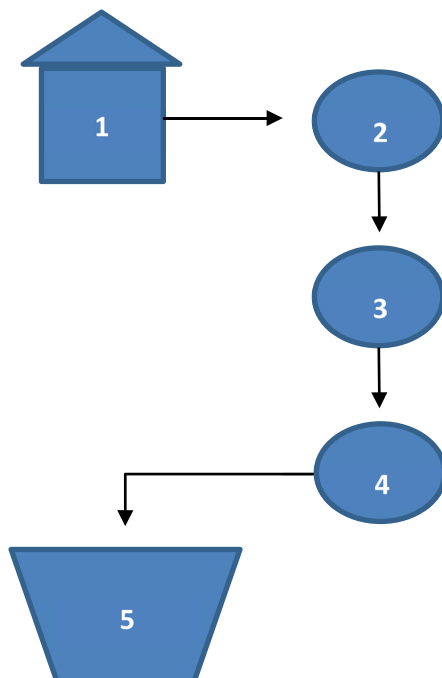
One hundred percent of the treated wastewater produced by the Cann River Wastewater Treatment Plant is put to beneficial reuse.

All reclaimed water produced by the Cann River Wastewater Treatment Plant is directed to a nearby farm land for irrigation of pasture.

## For more information-

Contact East Gippsland water on 1800 671 841 or email [egw@egwater.vic.gov.au](mailto:egw@egwater.vic.gov.au)

Alternatively, visit the Bairnsdale office at 133 Macleod street, Bairnsdale on weekdays during business hours.



## Legend:

1. Wastewater from Cann River
2. Facultative Lagoon 1
3. Facultative Lagoon 2
4. Winter Storage Lagoon
5. Pasture Irrigation