

FACT SHEET



The Omeo Wastewater Treatment Plant

Background

The Omeo Wastewater Treatment Plant came in to operation in 1996 with the construction of the town's sewerage system and two sewage treatment lagoons.

The wastewater treatment plant collects sewage, or wastewater, from Omeo, serving the town's permanent population of about 500 people (census 2011), as well as visitors.

Omeo's sewerage system is made up of a variety of collection systems that feed sewage to the wastewater treatment plant. Here, the wastewater is treated to a standard where it can be reused for irrigation.

Wastewater collection

Wastewater from Omeo is collected through gravity sewers and septic tank pump systems. Sewage travels to the Omeo pump station, where it is then pumped to the treatment lagoon at the Omeo Wastewater Treatment Plant.

After wastewater enters the treatment plant, it undergoes a lagoon treatment process, following which it can be released for beneficial reuse.



Wastewater treatment

Once the sewage enters the Omeo sewerage system, it is pumped to the Facultative lagoon. Here, solids settle to the bottom of the lagoon and are naturally digested and treated by microscopic organisms. Eventually, the organic component of the solids is stabilised.

From this treatment lagoon, the treated wastewater then flows by gravity to the winter storage lagoon. This is where the wastewater is held before it can be reused for irrigation.

The winter storage lagoon stores treated wastewater during winter months and wet weather when irrigation is not possible. The winter storage lagoon also provides further treatment to the wastewater.

Beneficial reuse

Treated wastewater must be held in the winter storage lagoon for 20 days for disinfection before it can be released for beneficial reuse.

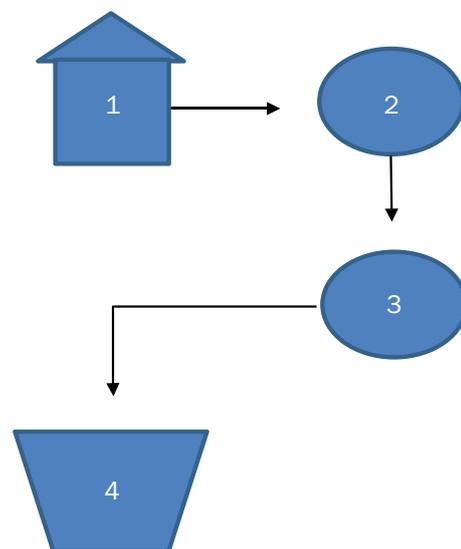
One hundred percent of the recycled water produced by the Omeo Wastewater Treatment Plant is put to beneficial reuse.

Reclaimed water from the Omeo Wastewater Treatment Plant is used to irrigate pasture.

For more information-

Contact East Gippsland Water on 1800 671 841 or by emailing egw@egwater.vic.gov.au

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



Legend:

1. Wastewater collected from Omeo and pumped to Treatment lagoon
2. Facultative lagoon
3. Winter storage lagoon
4. Pasture irrigation