

## FACT SHEET



*Dinner Plain Wastewater Treatment Lagoon frozen over.*

### Background

The Dinner Plain Village Wastewater Treatment Plant, was originally operated by the Omeo Shire. It still is in operation but is managed by East Gippsland Water. Significant upgrades were completed in 2002.

The Wastewater Treatment Plant collects sewage, or wastewater, from Dinner Plain and is designed to treat seasonally fluctuating sewage loads from the resort village.

Essentially, the Dinner Plain Wastewater Treatment Plant removes solids, facilitates the breakdown of organic matter and treats incoming wastewater to a standard where it can be reused for irrigation.

### Wastewater collection

Wastewater which is collected by gravity from residential and commercial sites, is fed in to the wastewater treatment plant.

After sewage enters the treatment plant, it goes through several processes to screen, separate and remove solids from the wastewater. This means that the treated wastewater can be put to beneficial reuse.

### Wastewater treatment

The first process sewage entering the Dinner Plain Wastewater Treatment Plant goes through is screening. Here, sewage is screened as it enters the plant to remove solid objects such as rags and grit. This is an automatic process, which removes non-decomposable objects for disposal.

After the sewage has been screened, it enters a tank called the primary sedimentation tank. Here, any remaining solids are encouraged to settle to the floor.

The settled solids, or sludge, are later removed from the tank and it is trucked to the Bairnsdale Wastewater Treatment Plant for further treatment.

Following its treatment in the primary sedimentation tank, the partly treated wastewater is passed to winter storage basins, or lagoons.

The winter storage lagoons, store treated wastewater during the winter months and wet weather when irrigation is not possible. Water is held in these winter storage lagoons for a minimum of 20 days to allow for disinfection to occur before it can be released for beneficial reuse.

## Beneficial reuse

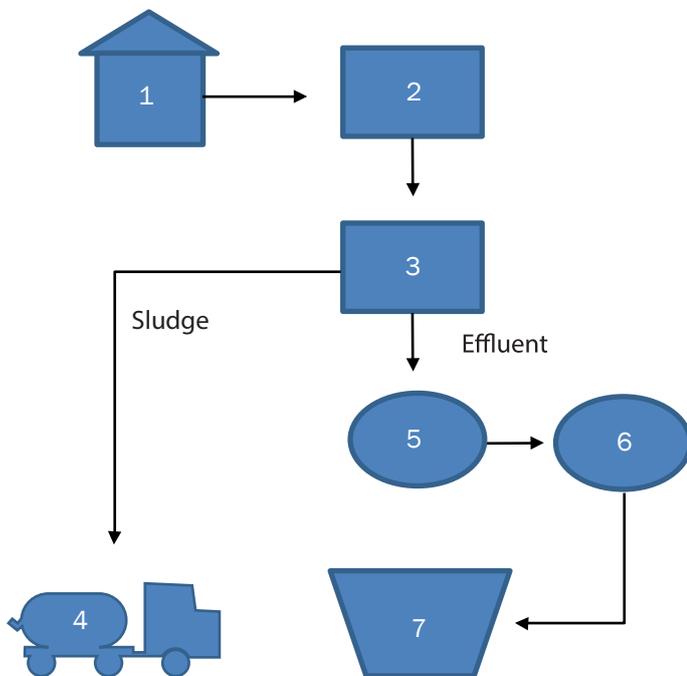
One hundred percent of the recycled water produced by the Dinner Plain Wastewater Treatment Plant is put to beneficial reuse.

Reclaimed water from the Dinner Plain Wastewater Treatment Plant is used to irrigate an alpine woodland.

## 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 collected from Dinner Plain village
2. Wastewater Treatment Plant screening
3. Primary sedimentation tank
4. Trucked to Bairnsdale Wastewater Treatment Plant
5. Storage lagoons
6. Winter storage lagoons
7. Alpine woodland irrigation