

TRADE WASTE TANK

WINERY

BLLENHEIM, MARLBOROUGH

February 2012 - Kliptank was engaged to install a new buffer tank for an urban winery in order to reduce the costs of discharging its wastewater to the towns treatment plant—costs which had been high due to high BOD and shock loading.

THE SPECIFICATIONS OF THIS TANK ARE:

- ◆ 265,000 Litres of usable capacity
- ◆ 2.0 m high
- ◆ 13.8 m diameter
- ◆ Fine bubble aeration
- ◆ Hydraulic stirring

Meeting the needs of niche industries is all part of a day's work for Kliptank. Strict regulations regarding the amount of waste water that could be released into the town's waste water system meant a requirement to store the waste.

The tank was installed in only one day and is a great solution for allowing the time delayed release into the waste water system. Aeration equipment installed into the tank allowed the reduction of the BOD (measure of the organic compounds in the water) Reducing the BOD from 20,000ppm to 3,000ppm resulted in the reduction of the price per litre charged by the council for releasing into the town system which also benefitted from no longer being shock loaded with trade waste.

This system has been a great success for Giesen Wines and one that Kliptank were quickly able to deliver on. They have managed to solve a seasonal problem caused by grape skins which cannot be sprayed on to the vineyard as in the past.

CLIENT: Giesen Wines Ltd.

