

RAW WATER TANK

STOCK AND NURSERY WATER

WOODVILLE, TARARUA DISTRICT

February 2017—In order to re-use water from a backwash process at the town's water treatment plant the council wanted to store the raw water for non-potable use at nearby farms.

THE SPECIFICATIONS OF THIS TANK ARE:

- ◆ 404,000 Litres of usable capacity
- ◆ 2.0 m high
- ◆ 16 m diameter
- ◆ Earth anchoring for high wind zone

Woodville's potable water supply is sourced from a nearby river in the hills behind the town. The water has high levels of sediment after heavy rain which needs to be filtered out. These filters require a large volume of water to backwash which is still valuable for non-potable use in two nearby nurseries and several stock water systems further down the hills where the water is supplied by gravity pressure.

The council provides this raw water at no cost to the users to reduce their usage of treated water, creating savings for the council in terms of treatment and pumping costs and allowing their potable water reservoirs to have several days more reserves.

The tank was installed in a high wind zone and required Kliptanks proprietary earth anchoring system to provide the hold down force during wind events

CLIENT: Tararua District Council
CONSULTANT: David Veale, Wai Waste Environmental Consultants

