

## STOCK WATER TANK

### RANGITAIKI STATION

### CENTRAL NORTH ISLAND

In July 2017 Landcorp Farming Ltd. had a requirement to store a large amount of water for a new centralised stock water system in one of their blocks at the Rangitaiki Station where they manage 70,000 units of sheep, cattle and deer.

#### THE SPECIFICATIONS OF THIS TANK ARE:

- ◆ 475,000 Litres of usable capacity
- ◆ 2.0 m high
- ◆ 18 m diameter
- ◆ Floating cover with passive drainage
- ◆ Service hatch for float valve (pictured)

The Rangitaiki Station is in a relatively remote location where the power infrastructure supplying the farms is prone to failure from weather events and can take weeks to repair. In the event of a power failure, Landcorp wanted a centralised stock water system that could hold two days worth of water for all the livestock which would allow enough time to organise emergency pumps.

A large Kliptank was erected at the highest point so that the water could be gravity fed to all the troughs and two houses in the block. A diesel pump set was also connected as an emergency backup to pump water from the bore to the tank in case the power was out for longer than 2 days.

Kliptank was the preferred storage option because of the hard wearing and durable construction materials which are perfectly suited to the rugged rural environment.

**CLIENT:** Landcorp Farming Ltd.

**CONSULTANT:** Agdesign

**CONTRACTOR:** John Frew Farm Water Specialists

