

COMMUNITY DRINKING WATER TANK

PAHIATUA TOWNSHIP, TARARUA DISTRICT COUNCIL

In October 2016, Kliptank's most recent project for a Community Drinking Water Tank system is for the Pahiatua township, Tararua District Council.

THE SPECIFICATIONS OF THIS TANK ARE:

- ◆ Tank Capacity 2.0MI
- ◆ 35.14m diameter
- ◆ 2.4m high
- ◆ Floating cover

The Tararua District Council originally specified a steel tank which was to be installed on a concrete foundation. However, when it came time to construct the concrete foundation the underlying soil conditions did not meet the allowable bearing capacity (CBR) requirements of the steel tanks.

Kliptank worked closely with the Tararua District Council's Asset Manager and their consultants to firstly comply with the underlying soil conditions and to meet the very tight time frame to fabricate and manufacture in order to stay within the project drop dead dates.

Unlike other tanks, Kliptanks due to their patented construction are able to tolerate a relatively large degree of differential settlement without compromising the structural integrity of the tank. This allows the Kliptank to be constructed directly on the non-competent soils following the Kliptank site preparation recommendations.

Another project where the Kliptank engineering and design team reacted expeditiously to the consultant and clients predicament and met their very tight timelines with a great solution and great result for all.



CLIENT: Tararua District Council. Dave Watson Asset Manager
CONSULTANT: David Voss, Voss Infrastructure Consulting Ltd

The series of photos shows the construction process and the workings of the Kliptank.



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