

## AUSTRALIAN TANKS PROJECT CASE STUDY

Client: John R Keith Group  
 Project: Enhanced Land Force (ELF)  
 Location: Greenbank Training Area, Greenbank, Qld



### THE CHALLENGE

John R Keith (Plumbing Contractor and our client) approached Australian Tanks to offer an alternative solution to the more expensive extra heavy duty tank option which was specified in the Hydraulic plans. The original option in the plans also showed (1) a combination of transport cost challenges, (2) requiring additional work to get the initial tanks rated to take heavy traffic loads, and (3) the need to have considerable cover over the tanks to meet Invert Levels for the site.

### THE SOLUTION

Australian Tanks (ATQ) redesigned the tank plans to suit the load requirements and supplied site specific plans and form 15 pre-construction certification. ATQ tanks complied with all Engineer requirements and all required certification was supplied to state the tanks were designed for 100% saturation – guaranteeing the tanks will never rise from the ground even if empty. Appropriate access manholes and risers to suit the project were also provided to ensure onsite cost and time efficiencies as well as long term sustainability and integrity of the required system.

### THE RESULT

- » Fully operational Water Harvesting solution provided to improved specification and within required timeframe.
- » Anti-Floatation and Trafficable by a fully loaded semi-trailer.

- » ATQ provided a more cost effective and easier to install solution.
- » Onsite efficiencies and project savings.

### PRODUCTS

- » Six (6) x 20,000L and twelve (12) x 25,000L T44 rated anti-floatation tanks.
- » Installed in three different areas to suit the JRK program.
- » Connections and penetrations provided prior to delivery.
- » Risers.
- » Calming chambers.
- » Non-return valves.
- » Volume filters.
- » T44 traffic rated.

### TESTIMONIAL

Jason Veness - the Qld Manager of John R Keith Group stated that the builder, the Department of Defence and the site project managers were happy with the ATQ solutions, service and can-do approach.