



PLAT Tank Refurbishment

KARRATHA, WESTERN AUSTRALIA

PROJECT OVERVIEW

CLIENT: Water Corporation
COMPLETION DATE: 2014
ENVIRONMENT: Brownfield

G&S undertook the Structural Inspection and design of replacement roof and roof support structures for Karratha's main potable water holding tank. The structure is 15m high by 50m diameter, holds approximately 25 mega litres of water - equivalent to 10 Olympic sized swimming pools.

Services included:

- Decommissioning the tank, removal of existing roof and supporting structures.
- Fabrication and installation of new roof and supporting structures including application of protective coating.
- Disinfection and commissioning of the entire tank
- Design, installation and commissioning of E&I, and SCADA Systems.

G&S undertook Modification of existing infrastructure to fit larger elbows and ensure ease of future maintenance/repair.



**SAFETY IS OUR FIRST
CONSIDERATION**