

# CUSTOM POTABLE WATER SOLUTIONS FOR A TIER-1 MINING PROJECT IN THE PILBARA



## The Problem

A prominent mining company operating in the challenging conditions of the Pilbara required a reliable and efficient solution to store potable water at their remote site. With stringent specifications, the system needed to withstand the extreme climate, support mobility across the site, and adhere to strict safety and operational standards.



## The Solution

Coerco supplied three custom potable water storage systems designed to meet the client's unique requirements. These systems featured:

### 3,500-litre Polyethylene Tanks:

Complete with 50mm spray-on insulation foam to maintain stable internal temperatures in extreme Pilbara heat.

### Heavy-Duty Skid Frames:

Built to increase transportability across the mining site, equipped with client-specified safety features, including railings.

### Integrated Pumping Arrangements:

Duty-standby and duty-assist pumps were mounted on the skid for seamless operation.

### Control Panel with Safety Features:

Hydro-start controls, emergency shutoff valves, and visual and audible alarms were included for operational efficiency.

### Wind Region Compliance:

Column-style tie-downs ensured the tanks remained secure, even in cyclonic conditions. These "plug-and-play" systems reduced on-site installation time, offering unparalleled convenience and cost-effectiveness.

The tailored water storage systems exceeded client expectations, delivering temperature stability, ease of mobility, time savings, and operational safety.

## Summary

**Location**  
Pilbara WA



**Products Used**  
Custom Potable Water Tanks



*This project showcases Coerco's ability to deliver durable, fit-for-purpose solutions under the most demanding conditions. By working closely with the client, Coerco demonstrated their commitment to providing tailored solutions that meet and exceed industry standards.*