

# CAPABILITY STATEMENT



**PC WATER**  
**INFRASTRUCTURE**  
— Engineered Water Systems —

**Parthenon Constructions PTY LTD**

Trading As: **PC Water Solution & PC Tanks**

**ABN: 99 164 319 288**



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[pcwater.com.au](http://pcwater.com.au)



Mudgeeraba, QLD 4213



# CAPABILITY STATEMENT

## WATER STORAGE, TREATMENT INFRASTRUCTURE & TANK ASSET SOLUTIONS

Engineering-led delivery of water storage and treatment infrastructure across Australia, supporting water treatment plants, reservoirs, remote works, compliance upgrades, and long-term asset care.



- ✓ Remote and regional project experience
- ✓ AS2304 / AS4020 / AS1851 / ADWG aligned
- ✓ National delivery capability
- ✓ Zero injury safety focus



- ✓ Australian-Owned Company
- ✓ Established in 2013

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# COMPANY OVERVIEW

Specialist water infrastructure capability from design coordination to handover.

PC Water Infrastructure delivers engineered water storage, treatment-support infrastructure, tank systems, reservoir rehabilitation, inspections, commissioning, and asset care across Australia.

The company supports councils, government agencies, contractors, mining operations, industrial facilities, remote communities, and essential service providers with practical, compliance-led water infrastructure solutions.

## WATER INFRASTRUCTURE DELIVERY

### Project-managed infrastructure works

- Water infrastructure project management
- Water treatment-support infrastructure
- Civil and foundation integration
- Mechanical and process installation support
- Pipeline and reticulation interfaces
- SCADA and electrical integration coordination
- Remote and regional delivery
- Commissioning and handover support

## TANK SYSTEMS & ASSET CARE

### Engineered tank supply, refurbishment, and lifecycle support

- Custom tank design and engineering
- Bolted steel and GFS tank systems
- Potable, process, and fire water tanks
- RPVC liner systems
- Reservoir and tank inspections
- Corrosion protection and recoating
- Tank maintenance and upgrades
- Fire tank compliance support
- Tender and procurement support

## STANDARDS & COMPLIANCE



**AS2304**

Fire water storage tanks



**AS4020**

Drinking water contact materials



**AS1851**

Fire system maintenance



**ADWG**

Australian Drinking Water Guidelines



**ISO9001**

Quality management



**ISO14001**

Environmental management



**RPEQ-CERTIFIED**

Engineering documentation



# Capability Framework

Water infrastructure support for public, industrial, remote, and critical assets.

## Government & Councils

Reservoir upgrades, potable compliance, public infrastructure works, documentation, maintenance planning.

## Mining & Resources

Remote storage, process water, fire water tanks, corrosion control, shutdown-sensitive upgrades.

## Industrial & Commercial

Process water tanks, fire suppression tanks, relining, inspections, upgrades, compliance reinstatement.

## Remote & Indigenous Communities

Remote water infrastructure, local participation, logistics planning, community-sensitive delivery.

## Essential Services

Water quality protection, public health infrastructure, treatment-support assets, maintainable storage systems.

## SUPPORT INCLUDES:

JSA/SWMS, site risk controls, QA records, testing, environmental controls, commissioning records, as-constructed drawings, O&M manuals, warranties, and maintenance recommendations.

## OUR DELIVERY METHOD



### 01 ASSESS

We assess your needs, site conditions and project requirements.



### 02 DESIGN

We design tailored solutions that are compliant, efficient and built to last.



### 03 PROCURE

We source quality materials and equipment from trusted suppliers.



### 04 MOBILISE

We mobilise our team, equipment and resources safely and efficiently.



### 05 INSTALL

We deliver high-quality installation with a focus on safety and best practice.



### 06 HANDOVER

We hand over a fully tested, compliant and operational solution.

# Project 1: Doomadgee – 2ML Treated Water Reservoir

## REMOTE WATER INFRASTRUCTURE FOR COMMUNITY WATER SECURITY.

**Scope:** 2ML treated water reservoir supporting water treatment plant infrastructure.

**Location:** Doomadgee, Queensland

**Sector:** Remote Community / Government

**Role:** Design coordination, supply, installation, civil integration, remote delivery planning, and commissioning support.

### Capability Proven:

Remote delivery, potable water storage, civil integration, stakeholder coordination, and compliance-focused infrastructure delivery.



# Project 2: Borumba Pumped Hydro – Treatment & Hold Tanks

## WATER STORAGE SUPPORT FOR MAJOR RENEWABLE INFRASTRUCTURE.

**Sector:**

- Hydro Energy
- Infrastructure

**Location:** Queensland

**Scope:** Bulk water storage tanks supporting wastewater treatment and pumped hydro construction works.

**Role:** Design coordination, supply, installation, engineering review, certification support, and staged delivery.

### Capability Proven:

Schedule-sensitive delivery, engineered tank supply, installation coordination, certification support, and major infrastructure capability.

2 × 521kL tanks (Potable & Sewerage Tanks)



## Project 3: Albury Water Reservoir 32 Reline & Refurbishment

POTABLE RESERVOIR COMPLIANCE RESTORED WITHOUT FULL ASSET REPLACEMENT.

**Scope:**

- Municipal
- Government

**Location:** Table Top, NSW

**Sector:** 600kL concrete reservoir reline and refurbishment.

**Role:** Potable liner system, internal ladder upgrade, directional inlet nozzle, penetration sealing, and roof sealing.

### Capability Proven:

AS4020-aligned reservoir relining, potable compliance restoration, access safety upgrades, penetration sealing, and asset-life extension.



## Project 4: Nyrstar Hobart — Reservoir Structural Upgrades & Lining

INDUSTRIAL RESERVOIR REHABILITATION IN A HIGH-RISK OPERATING ENVIRONMENT.

**Sector:**

- Industrial
- Refurbishment

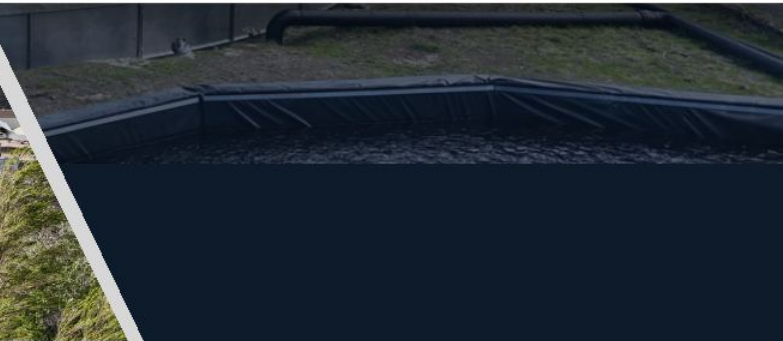
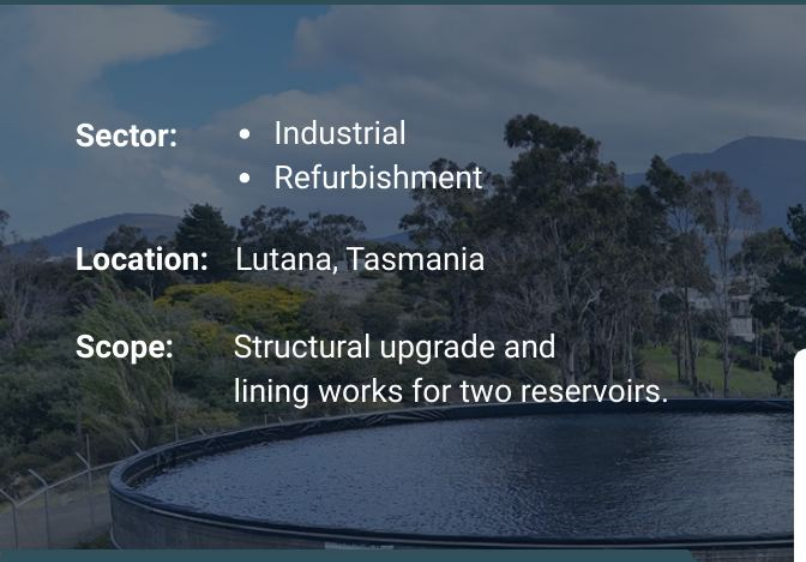
**Location:** Lutana, Tasmania

**Scope:** Structural upgrade and lining works for two reservoirs.

**Role:** Design coordination, structural strengthening, defect repair, liner installation, QA/testing, and handover documentation.

### Capability Proven:

Industrial tank rehabilitation, corrosion mitigation, structural repair, liner installation, QA control, and long-term asset protection.



# Project 5: Kybrook Farm Elevated Tank Replacement

## REMOTE NT ELEVATED POTABLE TANK REPLACEMENT.

**Scope:**

- Utilities
- Government Infrastructure

**Location:** Pine Creek, Northern Territory

**Sector:** Removal and replacement of elevated potable water tank infrastructure.

**Role:** Dismantling, removal, supply, crane coordination, installation, and construction sequencing.

### Capability Proven:

Remote logistics, elevated tank replacement, potable water asset delivery, stainless steel tank installation, and full remove-and-replace capability.



# Project 6: NPARC — 6 × 2ML Town Reservoir Upgrades

## MULTI-SITE POTABLE RESERVOIR RELINING ACROSS REMOTE COMMUNITIES.

**Sector:**

- Government
- Regional Community Infrastructure

**Location:** Northern Peninsula Area, Queensland

**Scope:** RPVC liner supply and installation across six 2ML water balancing tanks.

**Role:** Design, documentation, procurement, staffing, stakeholder liaison, liner installation, testing, and handover.

### Capability Proven:

Multi-site delivery, remote community infrastructure work, RPVC lining, documentation, testing, and handover control.



## Project 7: Aging Water Storage Tank Restoration

RESTORING CRITICAL WATER ASSETS INSTEAD OF PREMATURE REPLACEMENT.

**Scope:** Restoration, upgrade, and service-life extension of aging water storage tanks.

**Location:** Various Sites

**Sector:**

- Fire Water
- Industrial
- Asset Rehabilitation

**Role:** Corrosion removal, internal surface treatment, structural support plates, RPVC liner installation, and access hatch upgrade.

### Capability Proven:

Remote logistics, elevated tank replacement, potable water asset delivery, stainless steel tank installation, and full remove-and-replace capability.



## Project 8: Fire Tank Demolition & Reconstruction

NON-COMPLIANT FIRE TANK REPLACEMENT WITH COMPLIANT NEW INFRASTRUCTURE.

**Scope:** Demolition of failing or non-compliant fire tank assets and construction of new fire water tanks.

**Location:**

- South Australia
- Various Sites

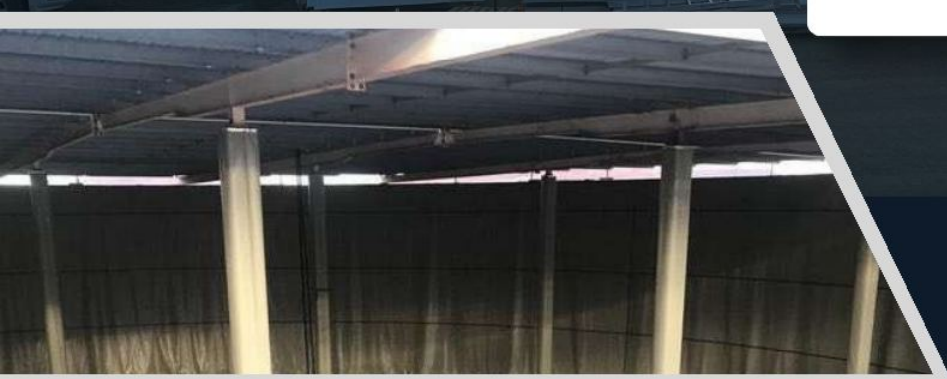
**Sector:**

- Fire Water
- Industrial
- Asset Rehabilitation

**Role:** Tank demolition, replacement planning, supply, installation, and AS2304-aligned construction.

### Capability Proven:

Fire tank replacement, compliance-focused renewal, stainless steel tank capability, and construction sequencing.



# Why PC Water Infrastructure

Specialist water infrastructure capability with accountable delivery from scope to handover.

## KEY DIFFERENTIATORS

### ENGINEERIN-LED DELIVERY



Project-specific design coordination, certification pathways, and standards-aligned documentation.

### REMOTE PROJECT CAPABILITY



Regional sites, remote logistics, FIFO crews, freight sequencing, and community-sensitive delivery.

### COMPLIANCE-FIRST EXECUTION



AS2304, AS4020, ADWG AS1851, ISO9001, ISO14001, QA records, testing, and handover documentation.

### SINGLE ACCOUNTABLE PATHWAY



Support across scope, engineering, supply, installation, testing, commissioning, and handover.

### LIFECYCLE ASSET SUPPORT



New builds, inspections, relining, corrosion treatment, structural upgrades, maintenance, and refurbishment.

### PRACTICAL ASSET ADVICE



Repair, reline, refurbish, upgrade, or replace based on the correct technical and commercial pathway.

## PROCUREMENT-READY DELIVERABLES

- Project methodology
- Engineering certificates
- JSA/SWMS
- QA / ITP documentation
- Compliance certificates
- Inspection reports

- Testing records
- As-constructed drawings
- O&M manuals
- Warranty documents
- Insurance details
- Maintenance recommendations

# READY TO DISCUSS YOUR NEXT WATER INFRASTRUCTURE PROJECT?

For new tank systems, reservoir rehabilitation, RPVC relining, fire water compliance, remote delivery, or long-term asset maintenance, PC Water Infrastructure provides a practical, engineering-led pathway from initial scope to final handover.



## CONTACT PC WATER INFRASTRUCTURE

To request a project review,  
capability discussion, or tender support.

