

## Hunter H2O can help with...

- Providing full design documentation and construction phase support for new or existing plant upgrades,
- Working as your partner from concept through to handover with a vested interest in successful delivery,
- Develop and implement asset inspection programs to ensure that existing plant and infrastructure are kept in optimal operational condition.

## Our Team

Operating throughout Australia and internationally, our experienced professionals offer skills and experience to guide our clients through their individual business requirements.

Our key technical staff were originally employed by Hunter Water as the utilities in-house design group prior to the formation of Hunter Water Australia which then became Hunter H2O.

Our designers use the company's operational experience on both greenfield and brownfield upgrades to ensure continuous design improvement; a unique approach geared to reducing long term operating and maintenance requirements. Our clients are thoroughly informed and gain a total understanding of their project in terms of quality, costs and delivery program. We are pro-active in raising awareness of potential risks and methods by which these can be mitigated.

Our designers look for lasting solutions and innovations that value-add from a future maintenance and operational focus; input that mainstream consultancies are simply not equipped to offer. We focus on incorporating safety in design with the emphasis on a quality result for the client that provides cost effective implementation while minimising 'whole-of-life' costs.

## Our Approach

Collaboration is the key to achieving results for our clients and industry colleagues.

We are committed to developing long term business relationships by partnering with our clients to achieve mutually beneficial business outcomes.

## Key Project

### Ludmilla WWTP Hydraulic Capacity Upgrade Detail Design, NT Power and Water

The Ludmilla Wastewater Treatment Plant Upgrade was a key component of the Larrakeyah Outfall Closure Plan. It has enabled diversion of macerated raw sewage from the decommissioned Larrakeyah outfall for further treatment via the new treatment plant, catering for future population growth within the existing catchment until 2030.

The upgrade expanded the existing Chemically Assisted Sedimentation (CAS) process and utilised most of the existing infrastructure to vastly improve treatment performance and environmental outcomes while boosting dry weather, and more significantly, wet weather performance, treating over 97% of annual inflows.

The project was awarded the Engineers Australia 2014 Engineering Excellence Award.

# Water and Wastewater Infrastructure Design

Talk to us

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[www.hunterh2o.com.au](http://www.hunterh2o.com.au)

## OFFICE LOCATIONS

NEWCASTLE  
SYDNEY  
BRISBANE  
ADELAIDE  
SUVA, FIJI

