



Position Overview

Position Title	Asset Management Engineer
Business Unit	Sustainable Infrastructure Solutions
Remuneration Type	Level 6
Reports to	Strategic Asset Manager
Direct Reports (role)	Nil
Location (s)	Southern Corporate Centre, Mango Hill
Success Profile	
Delegation Level	N/A

Our Values



INNOVATION

We seek new ways of doing things better



HONESTY AND INTEGRITY

The work we do is always and only in the best interests of our customers, stakeholders, community and the environment



RELIABILITY

We mean and do what we say



ONE TEAM

No one succeeds at the expense or exclusion of others



EFFICIENCY

We don't waste time, money or effort



SAFETY

We think, walk and talk safety every day



Behavioural Capabilities



SAFETY

I work safely, and encourage my team members to do the same



AGILITY

I seek new and better ways of doing things



CUSTOMER CARE

I consider how customers are affected by my work



COLLABORATION

I am a team player – we are better together



ACCOUNTABILITY

I mean and do what I say

Position Purpose

The Asset Management Engineer plays a crucial role in developing comprehensive asset management plans, conducting analytical work to formulate asset management strategies, and maintaining the asset management framework in accordance with ISO 55000 standards. This position requires a proactive individual with strong analytical skills and a keen understanding of asset management principles.

Position Accountabilities

Key functions of the role include:

- **Develop Asset Management Plans:**
 - Assist in the preparation and implementation of detailed asset management plans to ensure optimal performance of water and wastewater systems.
 - Collaborate with cross-functional teams to gather data and insights for plan development.
- **Conduct Analytical Work:**
 - Perform data analysis to support decision-making in asset management strategies.
 - Utilise statistical and modelling tools to predict asset performance and lifecycle cost.
- **Maintain Asset Management Framework:**
 - Support the maintenance and continuous improvement of the asset management framework in alignment with ISO 55000 standards.
 - Ensure compliance with relevant regulations and industry best practices.
- **Stakeholder Engagement:**
 - Work closely with internal stakeholders to gather requirements and feedback for asset management initiatives.
 - Communicate findings and recommendations effectively to management and other stakeholders.



- **Performance Monitoring:**
 - Develop and maintain key performance indicators (KPIs) to track the effectiveness of asset management strategies.
 - Identify areas for improvement and implement corrective actions as necessary.

Key Relationships

Key working relationships internal and external to Unitywater are:

- All Teams within the Sustainable Infrastructure Solutions Business Unit
- Strategic Asset Manager
- Head of Asset Management
- Asset Strategy Specialist
- Asset Performance Engineers

Capability Requirements

The requirements for the position are:

- Bachelor's degree in engineering (Civil, Mechanical, Electrical, or related field) or equivalent experience.
- Hold or be working towards registration as a Professional Engineer of QLD (RPQ) or Chartered Engineer status.
- 5+ years of experience in asset management, preferably within the water and wastewater industry.
- C Class Driver's License.

Within the context of the duties and accountabilities described above, the ideal applicant will be someone who has:

- Strong analytical and problem-solving skills.
- Proficiency in asset management software, GIS and data analysis tools.
- Excellent communication and interpersonal skills.
- Ability to work independently and as part of a team.
- Familiarity with ISO 55000 standards is highly desirable
- Well-developed written communication skills and a proven ability to draft correspondence, reports and procedures.
- Well-developed investigative, analytical and research skills.



After Hours Service

This role may be required to participate in after hours work and be part of an on call roster as the need may arise to ensure the continuity of service to Unitywater's customers.