



<b>Position Title</b>	<b>Senior Engineer Water and Wastewater</b>
<b>Position Number</b>	<b>N01155</b>
<b>Level</b>	<b>LGO 7 (ET Scale Applicable)</b>
<b>Division</b>	<b>Infrastructure and Operations</b>
<b>Section</b>	<b>Infrastructure Planning and Assets and Fleet</b>
<b>Reports to</b>	<b>Team Leader Water and Waste Planning Services</b>

## **Townsville: City of Opportunity**

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Townsville is the capital of Northern Australia, and Townsville City Council is the largest regional council in Queensland. Our Council is undergoing a whole-of-organisation transformational change which will place our customers at the heart of everything we do and allow us to take advantage of exciting opportunities to revolutionise the delivery of services to a community of more than 190,000 residents. Council strives to facilitate sustainable economic development for our region, enhance quality of life for our residents, and identify and unlock the potential of our City through inspired leadership, co-design of services with the community, and sustainable and innovative business partnering.

## **Your Contribution**

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The Senior Engineer Water and Wastewater contributes to implementing a holistic program of change across the Infrastructure and Operations Division in collaboration with the section leadership team and in consultation with the Townsville community. This will involve leading the Design Unit on a transformative journey focusing on the needs and aspirations of the Townsville community developing a culture of customer-centricity and personal accountability; and reshaping how we deliver services to maximise value.

The Infrastructure and Operations Division is custodian of over \$6B in infrastructure assets across portfolios of: Transport, Stormwater, Open Space, Water, Waste Water, Waste, Cemeteries, Coastal, Buildings and Facilities assets. The management of these assets requires a large capital renewals program comprising hundreds of various sized projects annually. In addition, continuing growth of the city drives the need for new infrastructure or upgrades to existing infrastructure.

The Senior Engineer Water and Wastewater provides technical advice on, and coordination of, planning, design and delivery of Council's water and wastewater projects.

## **Key Accountabilities**

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Keeping the customer at the heart of all activities, the Senior Engineer Water and Wastewater will:

- Deliver an outcomes-focussed culture where leaders and staff take personal accountability for delivering on Council's vision and policy.
- Ensure that the Infrastructure Planning and Assets and Fleet Section delivers on co-design of services with the community, a whole-of-Council approach to integrating service delivery, and an innovative view of Council's long-term opportunities.
- Manage the planning, design and technical advice through delivery of water and wastewater capital and operational projects for Townsville City Council whilst ensuring high degree of quality, effectiveness, cost and timeliness of assigned programs and projects.

- Proactively engage relevant stakeholders and seek to establish networks with a focus on ensuring effective provision of services, quality outcomes and adherence to legislative requirements.
- Supervise professional staff and associated workloads to achieve Council’s corporate objectives.
- Manage water and wastewater projects throughout the planning, concept and design phase including work performed by external consultants.
- Provide professional engineering advice, including the analysis and interpretation of engineering situations and problems and provision of appropriate solutions to internal and external stakeholders.
- Ensure compliance with Safety, Quality and Environmental legislation to maintain continuing employee and public health and safety, ISO accreditation and a focus on Best Practice performance.
- Contribute to the development of standards and practices associated with section activities to ensure best practice service delivery in planning, design and construction of water and sewer infrastructure.
- Provide assistance with to ensure the implementation of Council’s standards and industry codes during assessment and auditing of proposed developments within prescribed time frames.
- Provide detailed design solutions and certification under the requirements of the Professional Engineering Act 2002
- Follow reasonable directions to maintain critical business activities in the event of an unplanned disruption, including but not limited to a disaster or event.
- Ensure that your obligations with respect of Workplace Health and Safety and all relevant policies, procedures and legislative requirements are modelled and followed.

## Key Requirements

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- Degree in Engineering (Civil or Environmental) with eligibility for membership with Engineers Australia with at least 10 years’ experience in a similar role in civil/environmental engineering planning, design and construction, preferably in the water/wastewater industry.
- Registered Professional Engineer of Queensland and eligibility for corporate membership to Institute of Engineers Australia (or within 12 months of appointment).
- High level of people management, time management and prioritising skills.
- Ability to communicate effectively through oral and written communication, and adapt to audience needs and responses, particularly proven ability to negotiate outcomes with staff, stakeholders, and external contractors/consultants.
- Thorough knowledge and technical competence of current legislation, statutory requirements (Local Government Act, Environmental Protection Act, Water Act, Water Supply Safety and Reliability Act, Plumbing and Drainage Code, Queensland Development Code), engineering standards and industrial codes (Water Services Associations of Australia, South East Queensland Water and Sewerage Design and Construction Code) and principles of water and wastewater infrastructure.
- Strong understanding of the water and wastewater industry including dams, collection, treatment, distribution and reticulation.
- Competency in relevant computer design procedures and computer analysis of water and sewerage reticulation systems (WaterGEMS and SewerGEMS).
- Proven experience in the preparation of specifications, tenders, standards and contracts particularly related to the AS4000 series of General Conditions of Contract.
- Thorough knowledge and understanding of Council policy, procedures and practices, the Environmental Protection Act, the Local Government Act, the Water Supply Act, the Professional Engineers Act, industry codes of practice and other associated legislation and codes relevant to the position.
- Current Queensland “C” class driver’s licence

## Position Dimension

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Our Council employs 1700 staff and has an annual budget of \$593 million and assets of \$4.6 billion.

## Reporting Structure

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The Senior Engineer Water and Wastewater reports directly to the Team Leader Water and Waste Planning Services and has no direct FTE reports.