

Position Description

CORPORATE INFORMATION

Position title	Senior Planning Engineer		
Directorate	Office of the CEO	Branch/Section/Unit	Water Business Unit
Position number	1427	Level	7
Award	Queensland Local Government Industry (Stream A) Award – State 2017 Division 2, Section 1		
Line Manager	Manager Strategic Planning		
Direct reports	Nil -		
Indirect Reports	Contractors		

SCOPE OF POSITION

Position Summary

The Senior Planning Engineer provides specialist strategic infrastructure planning and water & sewerage network modelling services to Council's Water Business Unit which plans, delivers, operates and maintains Council's water, sewerage and recycled water infrastructure.

The position reports to the Manager Strategic Planning, Water Business Unit for the efficient and effective provision of strategic infrastructure planning. The position involves a considerable degree of liaison with Council personnel, Local Governments, State Governments, developers, consultants, community groups, advisory committees and the general public.

Key Responsibilities of the Role

- Responsible, under the general direction of the Manager Strategic Planning, for the completion of planning strategies, master and detailed infrastructure planning, emergent planning investigations and provision of advice employing contemporary planning knowledge and innovative solutions in a commercially, environmentally and socially sustainable manner.
- Review water and sewerage components of Council's Local Government Infrastructure Plan (LGIP) in partnership with Council's Planning and Development Directorate.
- Develop, calibrate and maintain hydraulic network models of water and sewerage systems and the provision of advice to satisfy Water Business Unit's water and sewerage system performance Service Level Obligations.
- Develop and undertake necessary field monitoring programs in partnership with Operations & Maintenance Branch and calibrate network models in order to provide reliable intelligence on system performance.

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- Assess development applications and conditioning thereof in respect of water and sewerage infrastructure requirements and design standards.
- Ensure all work undertaken complies with Local and State Government Policies and relevant legislations.
- Assist with the development of Asset Management Plans and Maintenance strategies for all water and sewerage asset classes.
- Undertake feasibility studies and project scoping to support the development of annual capital works programs.
- Participate within a team of professionals and asset operators to deliver high quality results in a working environment where safety is considered a top priority.

Mandatory Licence/Competency (Ticket) Requirements

- Queensland 'C' Class driver's licence that is current and maintained.

Essential Knowledge/Skills/Qualifications Criteria

- Formal tertiary degree qualifications in Engineering or a related field.
- Experience in development and implementation of water and sewerage infrastructure strategies, strategic landuse & infrastructure planning, master planning and feasibility studies/detailed planning.
- Experience in water and sewerage network modelling, model calibration and interpretation of modelling results to assess the capacity of existing network and future upgrade requirements using industry standard network modelling software.
- Experience in the strategic and tactical asset management including development of Asset Management Plans, Asset Class Plans, capital programming and prioritisation.
- Development assessment and approvals for water and sewerage infrastructure, new connections, donated assets and build-over assets.
- Capital programming and governance for growth, renewal, compliance and improvement projects. Preparation of project briefs and business cases for programmed projects.
- Highly developed and demonstrated skills in written and oral communication.

Desirable Knowledge/Skills/Qualifications Criteria

- Demonstrated experience in the WaterGEMS and SewerGEMS network modelling software or similar industry standard software.
- Demonstrated experience in the use of GIS software.
- Post graduate qualifications is Civil or Environmental Engineering.

Physical Requirements of the Position

Note: Applicants with disabilities will be considered on a case by case basis.

- An ability to perform tasks for extended periods whilst in a sitting position and occasionally pushing, pulling or handling objects exerting a force up to 5kg

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- An ability to walk up and down stairs whilst occasionally carrying weights up to 15kg
- An ability to clearly hear directions and instructions being provided at normal speech levels.

Special Requirements

- Regular project site inspections will be required.

ORGANISATIONAL INFORMATION

Safety

Behaviours

Maintain a positive attitude towards acquiring an understanding of work health and safety (WHS) legislation, including Council WHS policies and procedures.

Fostering and maintaining a positive attitude towards WHS within the individual work teams.

Responsibility

Applying Council policies and procedures in every day work activities to assist Council in ensuring a safe work environment.

To meet the standards imposed by any relevant safety legislation as required by Queensland's *Work Health and Safety Act 2011*.

Related documents

- WHS Policy statement WHSPOL004.
- Work Health and Safety Responsibility and Accountability Statement WHSPOL008.
- The WHS KPIs are located in the Work Health and Safety Management Plan WHSPOL010 and should be referenced as applicable with this position.

Code of Conduct

As per the Staff Code of Conduct (OCPOL001), employees must conduct all business with integrity, honesty and fairness and comply with all relevant laws, regulations, codes, policies and procedures.

Records Management

Council employees are required to ensure adequate records of actions taken and decisions made whilst undertaking their duties are created and maintained, in accordance with Council's Recordkeeping Policy.

Council's Vision

To be the *natural* choice to live, work and play.

Council's Values

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Accountable – we take responsibility for our actions. We will be accessible and fair.

Consistent – our actions will reflect Council's guidelines and practices at all times.

Appreciative – we value the opportunities we have and that we look for the best in our people, our organisation and our community.

Communicative – we will keep people informed, consult with the community and will actively listen to and respond to their input.

Respectful – we treat people with dignity and courtesy. We recognise and support the contribution of individuals and respect each other, our customers and the diverse community we serve.

POSITION APPROVAL AND ACCEPTANCE

Approved by

Name		Position	
Signature		Date	

Accepted by

Name			
Signature		Date	

The scope and requirements of this position as well as the organisational structure is subject to change by Council as required by business needs.