

**LOGAN CITY COUNCIL**  
***POSITION DESCRIPTION***

**POSITION TITLE:** Strategic Infrastructure Engineer **DATE AUTHORISED:**

**POSITION NO.:** 18808, 18809

**BRANCH:** Logan Water

**STREAM:** Community and Customer Services

**AWARD STREAM:** Technical Services

**LEVEL:** 7/8 **DATE REVIEWED:**

**BROADBAND CRITERIA** Progression to the Level 8 will be subject to the incumbent demonstrating the appropriate skills, capacity and capability to perform in the role at Level 8. 11/03/09

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**POSITION OBJECTIVE:**

To undertake strategic planning activities for water supply, wastewater transport and treatment, and recycled water systems, particularly relating to the provision of services to developing areas of the City. Pursue continual improvements and standards of excellence in all areas of infrastructure planning for water related infrastructure.

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**ORGANISATIONAL ENVIRONMENT:**

Logan City Council is committed to developing Logan as “a City of opportunities for Families, Lifestyle and Business”. Its mission is to strongly pursue this vision in partnership with its communities and other stakeholders.

**OUR VALUES:**

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**Service Excellence**

We will treat our customers and colleagues with respect and fairness.  
We encourage fun, teamwork and loyalty.  
We will pursue continuous improvement in our service delivery.

**Trust and Integrity**

We behave with integrity and professionalism at all times.  
We are trusted to exercise initiative and value new ideas.

**Achievement**

We serve our community and our colleagues to the best of our ability.  
We recognise effort, innovation and achievement.

**Responsibility**

We accept responsibility for our actions and behaviour consistent with these values.

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**ORGANISATIONAL RELATIONSHIPS:**

Reports to: The Water Infrastructure Manager  
Internal Liaison: The Mayor and Councillors, CEO, Deputy CEOs, Managers, Line Supervisors and operational staff  
External Liaison: Members of the public, community organisations, business, government and statutory authorities

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**POSITION TITLE: STRATEGIC INFRASTRUCTURE ENGINEER**

**CORPORATE RESPONSIBILITIES:**

Compliance with Council's Code of Conduct, Management Directives and attendant policies and procedures.

Commitment to Council's Corporate Plan.

Agreement that other employment or contract will not be undertaken which may represent a conflict of interest with Council activities or have a detrimental affect on the performance of the employee.

Comply with all workplace health and safety statutes, regulations, prescribed procedures, in particular the Queensland Workplace Health & Safety Act 1995 and LCC WH&S Directive PSM 020. Commitment to safe work practices instructions and rules. Use appropriate protective clothing and equipment

Commitment to Equal Employment Opportunity, Diversity and Merit principles.

Efficient and effective utilisation of resources as allocated under the level of responsibility for this position.

Conduct all business transactions in an ethical, friendly, efficient and professional manner.

Provision of quality customer service.

Delivering on the responsibilities of staff as detailed in Council's Certified Agreement.

Ensure all corporate information is captured within Council's business systems adhering to Recordkeeping policies and procedures.

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**POSITION-SPECIFIC KEY RESPONSIBILITIES:**

**PLANNING & DESIGN**

Develop high level water supply, wastewater, treatment and recycled water strategies using a holistic water cycle approach to serve the existing and future growth areas of Logan.

Manage assigned resources to undertake strategic infrastructure planning for the City's water supply, sewerage, recycled water and wastewater treatment infrastructure needs.

Develop necessary strategic water, sewerage, recycled water and treatment capital works programs to support development growth for efficient service delivery to defined Service Standards

Analyse, develop and provide professional expert technical advice and recommendations on complex water infrastructure planning matters and interface with strategic land use activities and infrastructure provision across Logan City, including large scale development proposals.

Maintain current knowledge and awareness of best practice in water and wastewater technologies and infrastructure design and provide initiative in the implementation of new technologies where appropriate.

Provide high levels of technical expertise within and outside the Branch including State Government Departments (e.g. DIP, QWC, EPA), Council (e.g. land use planning) and provide contributions to policy development relevant to the areas of serving growth and development of the City.

**PROJECT MANAGEMENT**

Project manage specific strategic water infrastructure planning in collaboration with relevant Logan Water/Council staff and State agencies.

**LEADERSHIP & TEAMWORK**

Contribute to the development and implementation of goals, objectives, policies and priorities related to the Logan Water Infrastructure Branch.

Develop, monitor and critically review the performance of external consultants in the preparation of technical and/or specialised outcomes related to Water Infrastructure.

Provide mentoring of technical personnel

**COLLABORATION & CONSULTATION**

Participate in Urban Planning/Development discussions at Council, State and Water Service Provider levels to achieve preferred outcomes for the provision of water related services.

**POSITION TITLE: STRATEGIC INFRASTRUCTURE ENGINEER**

Undertake any other duties as are reasonably within the limits of the employee's skills, competence and training.

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**POSITION-SPECIFIC ENTITLEMENTS/CONDITIONS:** Nil

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**DELEGATED AUTHORITY AND ACCOUNTABILITY (in accordance with the Delegated Authorities Register):**

The Strategic Infrastructure Engineer is accountable to the Water Infrastructure Manager in respect of the following matters:

- The attainment of objectives as set for the Strategic Infrastructure Engineer;
  - The effective and efficient performance of the responsibilities of the position of Strategic Infrastructure Engineer;
  - The effective and efficient utilisation of project-related resources as allocated under the level of responsibility for this position
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**EXTENT OF AUTHORITY:**

To provide senior specialist advice under broad direction of the Water Infrastructure Manager. The incumbent will analyse, contribute, implement and initiate changes at a strategic level with guidance from the Water Infrastructure Manager within the scope of corporate policies and is responsible for the effectiveness of projects under their control.

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**SELECTION CRITERIA:**

1. Tertiary qualifications in Civil Engineering acceptable for Corporate Membership of the Institution of Engineers, Australia are required. Eligibility for registration as a Professional Engineer, Queensland (RPEQ) would be an advantage. Significant demonstrated relevant experience as a senior specialist in the area of strategic water cycle infrastructure planning is required.
2. High level of discipline, knowledge and understanding of water supply and wastewater infrastructure planning, design, construction, operation and/or management, with relevant experience in infrastructure planning functions including engineering investigations and planning report preparation. Knowledge and understanding of hydraulic modeling systems and processes is advantageous.
3. Authority and autonomy to work under broad direction in developing strategies of significant scope and complexity and responsibility for delivering developed strategies, with the accountability to ensure delivery of programs and projects.
4. Proven ability to manage resources including consultants and contractors and peer review resultant deliverables.
5. Ability to initiate and implement change in the areas of technical responsibility.
6. Demonstrated knowledge of and ability to interpret legislation relevant to Queensland water service providers and apply these to water engineering functions, or quickly acquire the detailed knowledge of statutory requirements, particularly those driven by institutional change.
7. Developed knowledge and understanding or the ability to quickly develop knowledge and understanding of the processes of land development and building services and procedures to manage the interface with water supply and sewerage infrastructure.
8. Demonstrated skills in the use of word processing, spreadsheets and hydraulic modeling software. Skills in the use of databases and computer-aided drafting applications and would be an advantage.
9. Demonstrated effective communication skills, including an ability to lead projects and liaise with a range of key stakeholders in a team environment.
10. Self driven under broad direction, with proven capacity to motivate others.

**REQUIREMENTS:**

- Possess a current Queensland 'C' class driver's license.
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**POSITION DESCRIPTION AUTHORISATION**

This position description is subject to change from time to time as Logan City's organisation may be developed or restructured. Any such reorganisation of duties shall be the subject of discussion with the position incumbent.