

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

**POSITION TITLE:** Water Planning Engineer **DATE AUTHORISED:**  
**POSITION NO.:** 7713, 7719, 7828, 7829  
**STREAM:** Community and Customer Services  
**BRANCH:** Logan Water  
**AWARD STREAM:** Technical Services **DATE REVIEWED:**  
**LEVEL:** 3/4/5 5/06/09  
**BROADBAND CRITERIA:** Progression in accordance with Award and Selection Criteria.

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**POSITION OBJECTIVE:**

To provide a professional service to Logan Water and across Logan City Council, in regard to water industry engineering planning, development services, system optimisation and asset management functions.

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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.

**ORGANISATIONAL RELATIONSHIPS:**

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

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**CORPORATE RESPONSIBILITIES:**

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

Commitment to Council's Corporate Plan.

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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:**

#### **Level 3**

##### **PLANNING & DESIGN**

- Provide professional technical engineering advice and make recommendations on water infrastructure planning and development proposals.
- Undertake professional engineering planning and design functions for water supply and sewerage infrastructure projects, including hydraulic analysis of existing and future water related systems
- Maintain current knowledge and awareness of best practice in water and wastewater technologies and infrastructure design.
- Develop, monitor and review technical and/or specialised planning reports related to water infrastructure
- Provide technical advice within and outside the Branch

##### **PROJECT MANAGEMENT**

- Assist in project managing a range of infrastructure planning and asset management planning initiatives as required (Level 3)
- Project manage a range of infrastructure planning and asset management planning initiatives as required (Level 4 and 5)

##### **LEADERSHIP & TEAMWORK**

- Contribute to benchmarking and team building activities across the Branch

##### **COLLABORATION & CONSULTATION**

- Represent Council in forums in the implementation of goals, objectives, policies and priorities related to the Branch.
- Represent Council at regional discussions to achieve preferred outcomes for the provision of water supply and sewerage services.

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

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#### **Level 4**

##### **PLANNING & DESIGN**

- Provide professional technical engineering advice and make recommendations on more advanced water infrastructure planning and development proposals.
- Undertake professional engineering planning and design functions for water supply and sewerage infrastructure projects, including hydraulic analysis of existing and future water related systems
- Maintain current knowledge and awareness of best practice in water and wastewater technologies and infrastructure design.
- Develop, monitor and review technical and/or specialised planning reports related to water infrastructure
- Provide technical advice within and outside the Branch

##### **PROJECT MANAGEMENT**

- Project manage a range of infrastructure planning and asset management planning initiatives, as required.

## **POSITION TITLE: WATER PLANNING ENGINEER**

### **LEADERSHIP & TEAMWORK**

- Contribute to benchmarking and team building activities across the Branch

### **COLLABORATION & CONSULTATION**

- Participate in Council forums in the implementation of goals, objectives, policies and priorities related to the Branch.
- Participate in regional discussions to achieve preferred outcomes for the provision of water supply and sewerage services.

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

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### **Level 5**

#### **PLANNING & DESIGN**

- Provide professional technical engineering advice and make recommendations on advanced and complex water infrastructure planning and development proposals.
- Undertake professional engineering planning and design functions for water supply and sewerage infrastructure projects, including hydraulic analysis of existing and future water related systems
- Maintain current knowledge and awareness of best practice in water and wastewater technologies and infrastructure design.
- Develop, monitor and review technical and/or specialised planning reports related to water infrastructure
- Provide technical advice within and outside the Branch

#### **PROJECT MANAGEMENT**

- Project manage a range of complex infrastructure planning and asset management planning initiatives, as required.

### **LEADERSHIP & TEAMWORK**

- Contribute to benchmarking
- Contribute to Team building activities across the Branch

### **COLLABORATION & CONSULTATION**

- Actively participate in Council forums in the implementation of goals, objectives, policies and priorities related to the Branch.
- Actively participate in regional discussions to achieve preferred outcomes for the provision of water supply and sewerage services.

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:

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### **EXTENT OF AUTHORITY:**

At Level 3 this position receives direct supervision from the Senior Water Planning Engineer.  
At Level 4 this position receives general supervision from the Senior Water Planning Engineer.  
At Level 5 this position receives general direction from the Senior Water Planning Engineer.

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### **SELECTION CRITERIA:**

#### **Level 3**

1. Sound level of knowledge and understanding of water supply and wastewater infrastructure design, construction, operation and/or management.
2. Ability to interpret legislation relevant to Queensland water service providers and apply the associated implications to engineering functions.

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3. Ability to acquire knowledge and understanding of the processes of land development and building services and procedures in relation to reticulation water supply and sewerage infrastructure.
4. Demonstrated skills in the use of word processing, spreadsheets and hydraulic modelling software. Skills in the use of databases and computer-aided drafting applications and would be an advantage.
5. Self driven under general direction, with proven capacity to work in a team.
6. Tertiary qualifications in Civil Engineering acceptable for Membership of the Institution of Engineers, Australia are required. Eligibility for registration as a Professional Engineer in Queensland (RPEQ) would be highly desirable.
7. Possess a current Queensland 'C' class driver's licence.

### **Level 4**

1. Sound level of working knowledge and understanding of water supply and wastewater infrastructure design, construction, operation and/or management, with relevant experience in infrastructure planning functions including hydraulic modelling, engineering investigations and planning report preparation.
2. Demonstrated experience in interpreting legislation relevant to Queensland water service providers and apply the associated implications to engineering functions.
3. Demonstrated knowledge and understanding of the processes of land development and building services and procedures in relation to reticulation water supply and sewerage infrastructure.
4. Clearly demonstrated skills in the use of word processing, spreadsheets and hydraulic modelling software with experience in the use of databases and computer-aided drafting applications in the field of engineering.
5. Demonstrated effective communication skills, including an ability to lead projects and liaise with a range of key stakeholders in a team environment.
6. Tertiary qualifications in Civil Engineering acceptable for Membership of the Institution of Engineers, Australia are required. Eligibility for registration as a Professional Engineer in Queensland (RPEQ) would be highly desirable.
7. Possess a current Queensland 'C' class driver's licence.

### **Level 5**

1. Sound level and detailed working knowledge and understanding of water supply and wastewater infrastructure design, construction, operation and/or management, with clearly demonstrated relevant experience in infrastructure planning functions including hydraulic modelling, engineering investigations and planning report preparation.
2. Considerable experience in interpreting legislation relevant to Queensland water service providers and apply the associated implications to engineering functions and in the provision of sound advice to management.
3. Demonstrated knowledge and understanding of the processes of land development and building services and procedures in relation to water supply and sewerage infrastructure.
4. Clearly demonstrated skills in the use of word processing, spreadsheets and hydraulic modelling software with considerable experience in the use of databases and computer-aided drafting applications in the field of engineering.
5. Clearly demonstrated effective communication skills, including an ability to lead projects and liaise with a range of key stakeholders in a team environment.
6. Tertiary qualifications in Civil Engineering acceptable for Membership of the Institution of Engineers, Australia are required. Eligibility for registration as a Professional Engineer in Queensland (RPEQ) would be highly desirable.
7. Possess a current Queensland 'C' class driver's licence.

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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.