

**Water Quality Engineer**

Division	Infrastructure Planning	Department	Drainage, Waterways and Coastal Planning
Reports To	Team Leader Water Quality Infrastructure	Direct Reports	No

Position Purpose

This position will undertake technical investigations and design for a range of stormwater infrastructure matters particularly relating to stormwater quality infrastructure to meet the needs of the community within the Moreton Bay Regional Council area.

Key Responsibilities and OutcomesOperational

As a Water Quality Engineer within the Drainage, Waterways and Coastal Planning team you will:

- Undertake planning and design in the field of environmental water quality management, including water quality in urban and rural waterways and waterbodies, water sensitive urban design, bio-retention systems and other SQIDs, and riparian rehabilitation to drive integrated and sustainable outcomes.
- Investigate environmental water quality problems and prepare and present technical reports and recommendations to ensure project outcomes are met.
- Coordinate and/or undertake design studies into stormwater quality improvement opportunities to support infrastructure projects and long term strategic planning and growth (including management of specialist consultants).
- Assist in the development and implementation of the site specific and/or region wide, flood and water quality monitoring including overseeing the initial set up of automatic samplers, liaising with contractors, overseeing the maintenance schedule for automatic samplers, sample selection, preparation and storage and data management.
- Project manage the delivery of internal and external regional and local water quality studies and investigations. This may include preparation of draft request for quote documentation and preliminary project scoping.
- Contribute to the planning and delivery of stormwater quality infrastructure projects, including completing the preliminary design, preparation of costings and the acquisition of necessary approvals to ensure project outcomes are achieved.
- Contribute to a positive team environment in order to achieve a high performance, continuous improvement and customer focused culture.
- Engage proactively with key stakeholders responding to customer/client requests relating to flood and water quality data and services provided to the community.

Values

At Moreton Bay Regional Council we are on a journey to creating a great culture. Our values shape the way we behave and how we interact with each other to deliver the best service to the community. The safety of you and the community is our number one priority and we are all responsible for creating an inclusive, safe workplace and protecting our environment. As a team member you will take individual accountability for demonstrating the values expectations and behaviours.

Decision Making

Budget - Nil
Delegations - Delegations under the Local Government Act 2009 and as directed and published in Council’s Delegation Register.

Knowledge & Experience

- Sound knowledge and experience in stormwater quality management.
- Demonstrated experience in the operation of water sampling infrastructure.
- Demonstrated experience in spatial analysis; preferably with water quality information datasets.
- Well developed problem-solving skills with the ability to investigate and resolve issues.
- Well developed time management skills and the ability to manage conflicting priorities and meet deadlines.
- Well developed communication skills to meet the needs of a range of internal and external stakeholders.

Qualifications

- Degree in Civil or Environmental Engineering, Environmental Science or equivalent experience.
- Current C class driver’s licence.

This position description reflects a summary of the key accountabilities of the position, it is not intended to be an all-inclusive list of duties, steps and tasks. Leaders may direct team members to perform other duties at their discretion.