

Principal Engineer Coastal Infrastructure

Division	Infrastructure Planning	Department	Drainage, Waterways and Coastal Planning
Reports To	Coordinator Coastal Infrastructure Engineering	Direct Reports	No

Position Purpose

This position will provide specialist technical engineering expertise and undertake complex investigations for a range of coastal infrastructure and coastal management matters to meet the needs of the community within the Moreton Bay Regional Council area.

Key Responsibilities and Outcomes

Operational

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

- Provide specialist technical engineering advice to key stakeholders in the planning and design of coastal infrastructure and coastal management activities to drive integrated and sustainable outcomes.
- Investigate complex coastal management problems and prepare and present technical reports and recommendations to ensure project outcomes are met.
- Coordinate and/or undertake design studies to support infrastructure projects and long term strategic planning and growth (including management of specialist consultants).
- Contribute to the planning and delivery of coastal infrastructure and coastal management projects, including completing concept designs, preparation of cost estimates, and the acquisition of necessary approvals to ensure project outcomes are achieved.
- Support the development and implementation of asset management plans relating to Coastal Protection and Coastal Facilities asset classes, including the ongoing monitoring & condition assessment of coastal assets, and development of long-term maintenance and renewal programs.
- Support the development of team capability to drive a high performance, continuous improvement and customer focussed culture.
- Build strong relationships with internal and external stakeholders to ensure coastal infrastructure and service delivery outcomes are achieved.

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.



**A THRIVING REGION OF OPPORTUNITY WHERE OUR COMMUNITIES
ENJOY A VIBRANT LIFESTYLE**

Decision Making

Budget - no direct budget allocation, but responsible for the delivery of a range of projects in the Capital Works program

Delegations - Delegations under the Local Government Act 2009 and as directed and published in Council's Delegation Register

Knowledge & Experience

- Comprehensive knowledge and experience in coastal infrastructure planning and management.
- Comprehensive experience in coastal infrastructure design.
- Comprehensive experience in completing complex technical investigations relating to coastal management.
- Demonstrated ability to apply critical thinking, reasoning, evaluation and decision making skills.
- Demonstrated experience in the preparation and presentation of complex technical reports and recommendations.
- Experience in preparing technical briefs and managing consultants/sub-consultants in the delivery of studies and design projects.
- Strong communication skills to meet the needs of a range of internal and external stakeholders.
- Demonstrated experience in the supervision and training of junior engineers.

Qualifications

Mandatory:

- Degree in Coastal Engineering, Civil Engineering or equivalent.
- Current C class driver's licence

Desirable:

- Registered Professional Engineer of Queensland (RPEQ)

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 employees to perform other duties at their discretion.