

Role Description

Environmental Engineer Water



Title	Environmental Engineer Water
Classification/Grade/Band	Band 3 Level 2
Group/Unit/Section	Assets, Infrastructure and Business/Waterways and Coastal Protection/Waterways
Reports to	Team Leader Floodplain Management/Senior Planner

Vision

A vibrant and sustainable Central Coast.

Purpose

To provide valuable services that strengthens and supports the Central Coast Community.

Values

Decisions, actions and behaviours are governed by our Corporate Values; Serve, Collaborate, Improve, Be Your Best and Be Positive. All employees have a responsibility to uphold and champion these values.

Primary Role Statement

In contributing to the overarching vision and purpose, the role of Environmental Engineer Water includes supporting floodplain management initiatives across the Central Coast area, including providing technical flood advice on development enquiries.

The position of Environmental Engineer Water is required to provide quality customer service and create value for the community.

Key Duties and Responsibilities

- Provide technical flood assessment of developments and rezoning applications for both internal and external customers;



- Assess and provide comment on draft flood studies, floodplain risk management studies and plans;
- Attend and provide technical feedback to Council Committees that address floodplain risk management;
- Review and update relevant policy, planning instruments, specifications and procedures to promote best practice water sensitive urban design, integrated water cycle management and also flood plain management principles into all of Council's operations;
- Develop and review catchment specific flood and drainage related studies, including flood plain management studies and plans, and incorporate the planning provisions of flood plain risk management development;
- Facilitate strategic and specific projects and initiatives that may involve leading multi-disciplinary teams, building relationships and partnerships with other stakeholders both internal and external;
- Support the compilation of Reviews of Environmental Factors and other assessments under the EP&A Act;
- Perform any other duties, tasks or projects the employer may assign, having regard to the incumbent's skills, training and experience.

Authority and Accountability

- Take care of your own health and safety and that of others. Comply with any reasonable instructions and apply Council's Safe Systems of Work consistent with the Responsibilities, Authorities and Accountabilities of your role;
- Policy and procedures are readily available but the Environmental Engineer Water is required to choose the appropriate processes. Unusual problems may be referred for clarity of policy or direction;
- Decisions affect the work and activities of others within the section or from a specific project team;



- The work of the Environmental Engineer Water influences the community within a specified service line through the application of technical skill or application of regulatory requirements;
- The Environmental Engineer Water complies with operational requirements in cooperation with or under the supervision of other employees. Other employees or members of the public may be affected by the employee's acts or omissions;
- Identifies requirements as an input to budget development;
- Monitor budgetary spending within work area, against pre- determined targets. Weigh up options on a cost basis in order to make recommendations and continuously look for greater efficiency within work area.

Personal Attributes

- Give frank and honest feedback/ advice and seek to listen and understand when ideas are challenged;
- Represent the organisation honestly, ethically and professionally and encourage others to do so;
- Demonstrate a high level of personal motivation, take opportunities to learn new skills, develop strengths and examine and reflect on own performance;
- Support initiatives that create an environment where diversity is valued.

Interpersonal Skills

- Write fluently in a range of styles and formats and tailor communication to the audience;
- Identify customer service needs, understand customer perspectives and implement responsive solutions.
- Build cooperation and overcome barriers to information sharing and communication across teams/ units;
- Lead and facilitate productive discussions with staff and stakeholders, encouraging others to talk, share and debate ideas.



Business Enablers and Technical Skills

- Provide guidance, coaching and engage staff in change process and recognise cultural barriers that undermine change;
- Use expertise and seek others assistance to achieve work outcomes;
- Ensure current work plans and activities support and are consistent with organisational change initiatives;
- Research and analyse information, identify interrelationships and make recommendations based on relevant evidence;
- Ensure that actions of self and others are focused on achieving organisational outcomes;
- Take account of financial implications and return on investment when planning financial transactions;
- Support compliance with records, information and knowledge management requirements of the organization;
- Be aware of procurement and contract management risks and actions to mitigate these;
- Evaluate progress and identify improvements for future projects.

Team Work

- Ensure team objectives achieve business outcomes that align with organisational policies;
- Plan and monitor resource allocation effectively to achieve team objectives.

QUALIFICATIONS

Essential

- Degree qualifications in Natural Resource Planning, Environmental Science, Engineering OR demonstrated solid contemporary experience in a similar role, combined with ongoing professional development;



- Current C Class Driver's licence.

Desirable

- Post graduate qualifications in a relevant field.

EXPERIENCE

Essential

- Demonstrated understanding of stormwater quality predictive modelling such as Model for Urban Stormwater Improvement Conceptualisation (MUSIC);
- Demonstrated understanding in the application of Water Sensitive Urban Design principles to specific studies or projects;
- Significant experience in project management including contracts and budgets, preparing environmental/floodplain/coastal strategic and management plans;
- Demonstrated experience in complex report writing, public relations, consultation skills and grant funding for programs and projects;
- Demonstrated proficiency in providing technical expertise, coaching and advice to relevant staff to allow them to effectively undertake their responsibilities and duties;
- Demonstrated experience in building strong, credible relationships and influence, persuade or negotiate outcomes that add value to the organisation;
- Proven experience in the assessment and interpretation of information to formulate recommendations and provide specialist advice to enable the organisation to achieve quality outcomes.

Desirable

- Demonstrated experience with 1D/2D flood modelling such as TUFLOW or similar;
- Demonstrated experience with evaluations and conditioning of development applications including provision of technical flood assessment advice.



Key Relationships

Internal	External
Committee Meetings of Council	Members of the Public/residents/ratepayers
Unit Managers / ELT	Commercial/industrial/development representatives (e.g. Vendors, builders, clients)
Section Managers/Team Leaders	Community Organisations – service clubs etc.
Other Council employees (not including direct reports)	Consultants, solicitors and other professionals
	State and Federal Government Agencies
	Local Business

