

Role Description

Senior Development Flooding Engineer



Title	Senior Development Flooding Engineer
Classification/Grade/Band	Band 3 Level 3
Group/Unit/Section	Environment & Planning / Development Assessment / Engineering Assessment / Engineering Assessment
Reports to	Engineering Assessment Team Leader

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 Senior Development Flooding Engineer is responsible for influencing and regulating land use development through the provision of water engineering services, in particular flooding and stormwater drainage ensuring risks to life and property are managed in accordance with industry, risk management and statutory requirements to deliver fit for purpose outcomes.

The position of Senior Development Flooding Engineer is required to provide quality customer service and create value for the community.



Key Duties and Responsibilities

- Provide water engineering and development services that relate to public safety, the prevention of property damage, and at a strategic level advise on flooding, drainage, emergency procedures and other engineering and development fields as required;
- Provide professional advice on detailed flooding, drainage, water quality and related safety issued for specific sites involving development applications, pre-lodgement applications, including sites in unusual, complex and sensitive cases where Council has not determined flooding parameters;
- Keep abreast of current hydrological, flood, stormwater drainage and water quality modelling techniques through training and professional development;
- Promote the orderly development of the Local Government Area whilst protecting and enhancing the social, economic assets of the region encompassing the natural and built environment;
- Ensure the application of appropriate information in modelling and data management techniques for emergency flood planning;
- Attend to engineering matters related to court appeals for developments and act on any matters arising out of Council's responsibilities under the Civil Liabilities Act as directed;
- Contribute to the process and delivery of Section 94 flooding and water quality infrastructure through the development of concept designs and estimates, ongoing review of documentation to ensure currency and the preparation and review of design briefs;
- Assist other Council officers in interpreting information regarding flood modelling in unusual or complex cases;
- 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;
- The Senior Development Flooding Engineer may work away from Council premises and is required to make autonomous decisions usually influenced only by Council policy, the situation and relevant legislative framework. Independent action is required;;
- Decisions affect the work and activities of others within the Unit;
- The Senior Development Flooding Engineer is required to make autonomous decisions usually influenced only by Council policy, the situation and relevant legislative framework. Independent action is required;
- The Senior Development Flooding Engineer has the authority to certify that works meet relevant statutory requirements and is accountable/liable for own actions or decisions, with any consequences (including legal) being borne by the individual;
- Identifies requirements as an input to budget development;
- Look for ways to save costs. Be conscious of budget constraints and be aware of cost implications of own actions within own 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 qualification in Civil Engineering or related field, combined with ongoing professional development;
- Current Class C Driver's Licence.

Desirable

- Post graduate qualifications in hydrology or related field.

EXPERIENCE

- Extensive experience in hydrology, water quality, hydraulics or related fields;
- Demonstrated experience, at an advanced level, in hydrological, flood, stormwater drainage and water quality modelling;
- Demonstrated experience in assessing, interpreting and applying flood information for both small and large scale developments;
- Demonstrated experience in the formulation of development requirements and policies in relation to flooding, stormwater drainage and water quality;
- Demonstrated skills and experience in the concept design of hydraulic structures, including flood proofing measures that are designed in an innovative, practical and environmentally sensitive manner;
- Demonstrated understanding of competing non-technical influences in the design of flooding and drainage systems.



Key Relationships

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

