

Rivers Engineer

Purpose | Te arotahi mātua

The Rivers Engineer is responsible for working collaboratively and cohesively within the Rivers team and across the Taranaki Regional Council to assist with the implementation of the Taranaki Regional Council's river and flood control activities, functions and responsibilities under the Soil Conservation and Rivers Control Act 1941, Land Drainage Act 1908, Local Government Act 2002 and the Resource Management Act 1991.

The role involves assisting with works to support the Rivers Manager to reduce the risks associated with flooding and erosion whilst protecting the life-supporting capacity of Taranaki rivers and streams. This includes overseeing the annual work programmes and contractors associated with the Council's flood control schemes as directed by the Rivers Manager.

The role involves providing sound technical river and drainage advice in relation to consent and compliance matters and requests from landowners, consultants and territorial authorities.

The role encompasses effective engagement with iwi and hapū, the local community and a wide range of internal and external stakeholders to provide sound technical advice on drainage, flooding, river control and river-related erosion as well as river-related structures, to ensure effective implementation of regional and national policies and regulations. Effectively communicating river-related technical advice to a range of audiences is a key aspect of this role.

Role dimensions | Te ahu mahi

Responsible to:	Rivers Manager
Responsible for:	Nil
Primary location:	Stratford, although travel throughout the region will be required as part of your daily duties

Organisational context | Te horopaki whakahaere



Role specific areas of responsibility | Whakaritea ngā wāhanga kawenga

The key responsibility areas are provided as a guide only. Performance measures for this job will need further discussion between the job holder and People Leader/Manager as part of the performance development process.

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| River control and flood protection | <ul style="list-style-type: none">• Assist the Rivers Manager to manage the Taranaki Regional Council's Flood Protection Schemes to perform to design or adopted standards.• Provide sound guidance to stakeholders to protect flood control assets under the river and flood protection bylaw.• Assist the Flood Manager and Rivers Manager as required during flood events• Assist with and advise on minor emergency, river and flood control works to support efficient post-event recovery as required. |
| Technical advice and compliance | <ul style="list-style-type: none">• Assist Taranaki Regional Council staff with requests from landowners for advice, assistance and information on appropriate river management, waterway instability and erosion, flood control and land drainage methods.• Provide Taranaki Regional Council staff and external stakeholders with sound advice relating to identification/classification of watercourses and related geomorphological features in line with policies, plans and regulations.• Provide sound technical and practical guidance and advice to assist Taranaki Regional Council staff and external stakeholders with regard to river-related structures, in line with the relevant policies, rules and regulations.• Provide sound advice on technical aspects of river, drainage and river-related structure consent applications.• Conduct inspections and monitoring to assess compliance with active resource consents and works conducted as permitted activities.• Provide sound technical support to Taranaki Regional Council staff for river related non-compliance and enforcement as required. |
| Building and maintaining relationships | <ul style="list-style-type: none">• Develop and maintain strong working relationships with internal and external stakeholders, mana whenua, iwi and hapu for effective implementation of national and regional policy, rules and regulations.• Must be able to deal with contentious stakeholder engagements in a courteous and concise manner whilst upholding Taranaki Regional Council's values. |

Special Requirements

- Maintain a knowledge of river engineering processes, river morphology, flood protection schemes, legislative requirements, trends and technologies.
- Proven technical skills and the ability to design and implement civil engineering.
- Working experience in contractor, contract and project management.
- The Council can engage consultants to assist it with the resolution of the more technically-challenging issues. Under this arrangement, the Council requires an officer with initiative, excellent communication and people skills, and technical ability.
- Must be confident working in and around rivers in a range of flow conditions.
- Must be able to undertake the physical requirements of the position.
- May be expected to work under conditions in which personal risk maybe incurred and safety procedures must be adhered to in accordance with the Taranaki Regional Council's Policies and Procedures.
- Must be able to travel throughout the region for site visits and meetings.
- May be required to work outside of normal working hours.





Organisational areas of responsibility | Ngā wāhanga whakahaere

- **Be a team player** – Contribute to the greater team and organisational goals by completing projects and tasks in an efficient and effective manner, including any additional activities as directed by your People Leader.
- **Be flexible and adaptable** – Flexible work arrangements meet the needs of our customers, the Taranaki Regional Council and the individual and may include the need to work outside normal office hours from time-to-time.
- **Look after yourself and others** – Work within the Council's health and safety systems, policies and procedures at all times to limit risk and keep yourself and those around you safe.
- **Work with integrity** – Maintain high professional and ethical standards that align with relevant legislation, Council policies and our values.
- **Develop yourself and others** – Proactively seek out opportunities for your own professional development and work alongside others to develop them, including actively taking part in Our TRC.
- **Be culturally aware** – Show appreciation and understanding of Māori culture and values and put these into practice in your work.
- **Be an agent for change** – Always be on the lookout for ways to do things better, faster or smarter and be an active participant in the continuous improvement culture.
- **Be digitally savvy** – Understand and be competent in the use of digital technologies relevant to your role, including processing and storage of Council information in line with relevant policies.
- **Emergency planning and response** – Where required, participate in emergency management training exercises and support Council during an emergency management response, having due regard to the safety of your family.
- **Live our values** - Be aware of and demonstrate our values in ways that support inclusivity in every aspect of our work.

Delegations of authority | Te tuku mana

Delegations for all roles are set out in the **Taranaki Regional Council Delegations Manual** as appropriate.

Personal specifications | Ngā whakaritenga whaiaro

- Qualifications**
- An NZQA/NZQCF Level 7 qualification in a field that is relevant to the specialisation of this role is required.
 - A tertiary qualification in engineering, science, or applied science (hydrology, earth science, physical geography etc.).
- Experience**
- At least five years' experience in river engineering, preferably in a "local government" environment.
 - Have proven technical and practical proficiency and competency relevant to River and Flood Control and Land Management activities.
 - Proven success with building and maintaining effective relationships and gaining the cooperation of a wide range of internal and external stakeholders.
 - Experience managing contractors with a range of river operations.
- Skills**
- Taranaki Regional Council has a skills pathway framework enabling people to plan their development and grow their skills. The core skills required for this position are aligned with **He Pukenga Ara Skills Pathway**, and a summary table is included in Appendix 1.
 - Must display excellent communications skills and be able to readily adapt communications styles and methods to suit a range of situations and audiences.
 - Must display excellent time-management and self-motivation.
 - Must display an ability to work independently and exercise high-quality judgement and decision-making.
 - Must display a professional approach and dedication to duties.
 - Proven ability to think laterally, multitask and self-manage.
 - Proven ability to exercise high-quality judgement and decision-making.
 - Proven ability to liaise with contractors and landowners.
 - Proven report writing ability.
- Knowledge**
- Working knowledge of a range of software – GIS, Data management and CAD/Modelling.
 - Working knowledge of the Resource Management Act 1991.
 - Working knowledge of natural river systems and processes.
 - Working knowledge of hydrology and river erosion, flood risk management techniques and engineering solutions.
 - Working knowledge of Asset Management systems and applications.
 - Working knowledge of rural values and urban lifestyles.
 - Working knowledge of native plants and weed control practices.
 - Understanding of Te Ao Maori.
- Personal attributes**
- Self-motivated
 - Adaptable
 - Strong initiative
 - A can-do attitude
 - Self-awareness
 - High level of fitness is required
 - Able to apply common sense and sound judgement to decision making
 - Pragmatic



Functional relationships | Te whanaungatanga mahi

Build, maintain and role model meaningful effective and sustainable relationships with;

- Internal**
 - All Taranaki Regional Council staff

- External**
 - Tangata whenua
 - Land owners and Land user groups
 - District Council engineers and staff
 - Consultants
 - Contractors
 - Developers
 - Government Agencies
 - General public

Changes to job description | Ngā huringa ki ngā whakaahuatanga mahi

From time to time, it may be necessary to consider changes in the job description in response to the changing nature of our work environment. Such changes, including technological requirements or statutory changes, may be initiated by the manager of this job with due consultation with the position holder. This job description should be reviewed as part of the preparation for performance planning for the annual performance cycle.



Our key messages | Ko ā mātou kōrero mātua

Taranaki Regional Council works with the Taranaki community:



Improving lifestyles
Supporting livelihoods
Taking Taranaki forward

Our mission | Tō tātou mihana

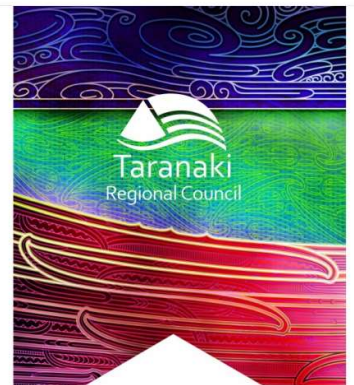
To work for a thriving and prosperous Taranaki by:

- Promoting the sustainable use, development and protections of our natural and physical resources.
- Safeguarding Taranaki's people and resources from natural and other hazards.
- Promoting and providing for significant services, amenities and infrastructure.
- Representing Taranaki's interests and contributions to the regional, national and international community.

We will do this by leading with responsibility, working cooperatively, encouraging community participation, and taking into account the Treaty of Waitangi.

Our values | Tō tātou whanonga pono

- **Integrity** | We do what is right, rather than what is easy.
- **Teamwork** | We are one TRC team, working together with courage and purpose.
- **Care & Respect** | We demonstrate care and respect for ourselves and others; we treat everyone with dignity.
- **Agility** | We strive for excellence, embracing change as an opportunity for innovation.



Our health and safety | Tō tātou Hauora me te haumaru

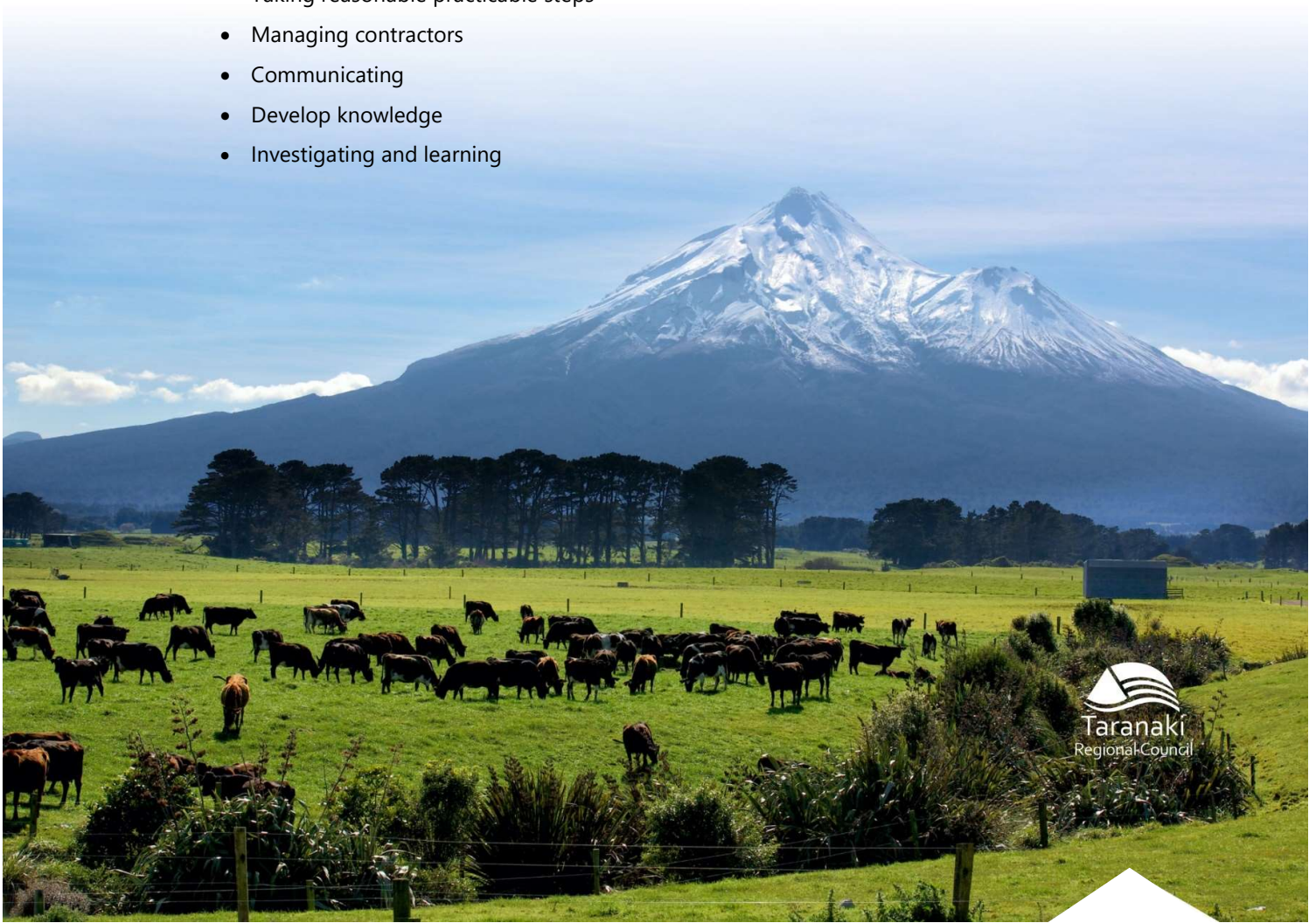
The Taranaki Regional Council is committed to a process of continuous improvement in order to achieve excellence in the management of health and safety at all of our workplaces. We recognise the positive impact that the values and benefits of enhanced health and safety bring to the organisation, our employees and our communities.

There are two key points to health and safety:

- 1 The safety of our people and the communities in which we operate always comes first.
- 2 We are all empowered and expected to challenge any unsafe situation at work.

We will achieve these by:

- Building a positive culture
- Aiming for zero harm
- Taking reasonable practicable steps
- Managing contractors
- Communicating
- Develop knowledge
- Investigating and learning



He Pūkenga Ara Skills Pathway

Skill Area	Capabilities
Service Delivery	<ul style="list-style-type: none"> • Service Standards • Customer Service • Judgement and Decisions
Organisational Impact	<ul style="list-style-type: none"> • Aligns Work • Collaborates • Assesses Impact and Value • Promotes Change
Self-Awareness	<ul style="list-style-type: none"> • Knows Self • Develops Self and Others • Builds Trust
Communicates Effectively	<ul style="list-style-type: none"> • Clear Messages • Adapts Style • Tact and Diplomacy
Digital Technology	<ul style="list-style-type: none"> • Systems Knowledge • Works Efficiently • Data Management
Wellness and Risk	<ul style="list-style-type: none"> • Policies and Procedures • Manages Risks • Proactive Wellbeing • Site Safety
Cultural Awareness	<ul style="list-style-type: none"> • Reo • Tikanga • Whakawhanaungatanga • Local context • Mātauranga Māori • Regulatory Environment