

# Job Description

**Position Title:** *Scientist - Air Quality*

**Responsible to:** Team Leader - Environmental Assurance

**Responsible for:** n/a

**Relationships:** Environment Quality team  
All Taranaki Regional Council staff  
Other regional and local authority staff  
Central government agencies  
Resource consent applicants, holders and their consultants  
Iwi authorities, community and special interest groups

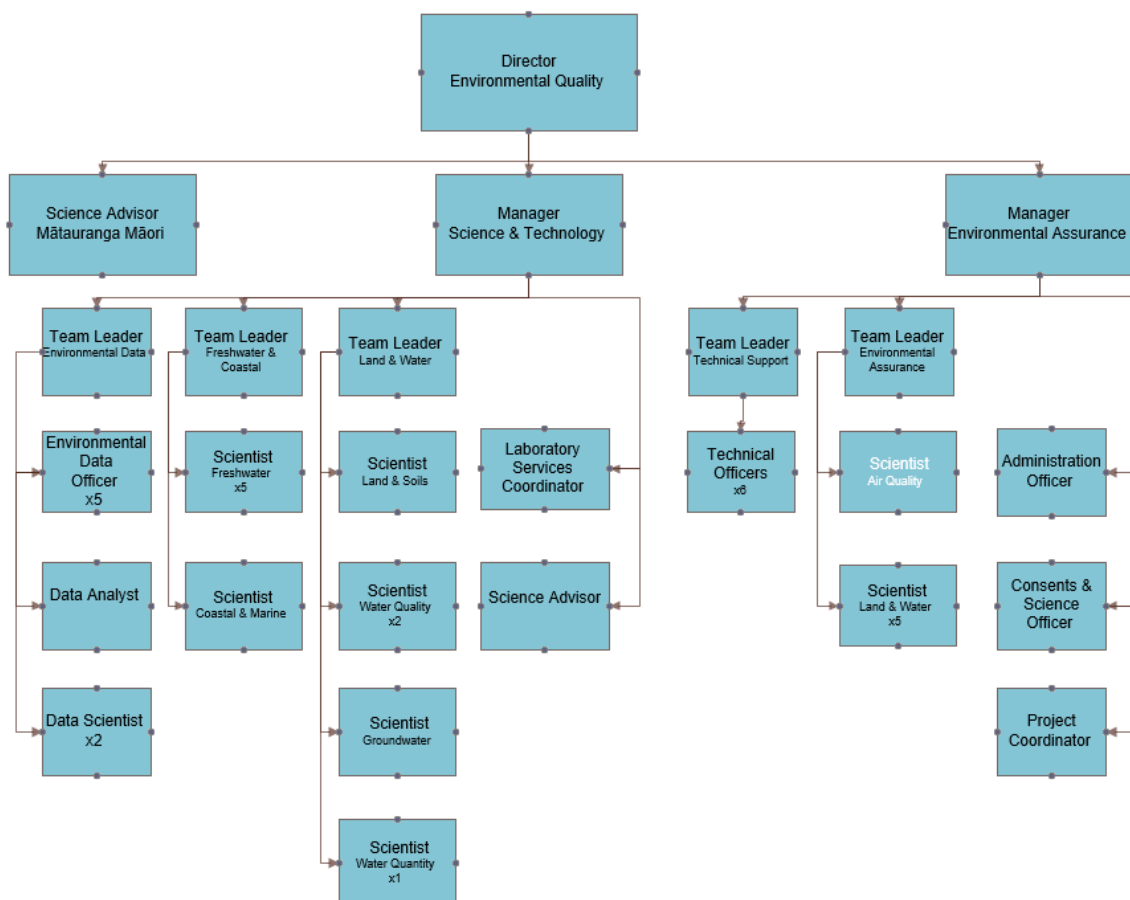
**Salary:** A market salary for the position will be negotiated, depending on experience, qualifications and aptitude.

**Location:** Stratford, although travel throughout the region will be required as part your duties

**Job Context:** Permanent Full Time

**Position Number:** 499

**Holder:** TBC



## Role of a Scientist - Air Quality

The role of Scientist - Air Quality is to monitor the state and trends in the region's air quality. This includes gathering and analysing data about air quality, compiling technical reports and providing specialist expertise and knowledge with a particular focus on air quality. This role includes some hands on running of our air quality monitoring network and carrying out investigations to ensure our air is meeting environmental standards.

This role is responsible for state of the environment monitoring and reporting, along with the planning, coordination and delivery of a number of the Council's consent compliance monitoring programmes. You will be required to investigate, advise and report on air quality in line with the Council's environmental and statutory functions and responsibilities.

## Key Skills

### Qualification

- Required: a relevant post-graduate qualification (environmental science, environmental engineering or similar)
- Desired: at least 2 years relevant work experience in scientific monitoring techniques, data analysis, technical report writing, compliance and investigations.

### Knowledge

- Knowledge and experience using Microsoft Office suite, database and information systems
- Prior exposure to Iris, Hilltop and ESRI GIS, and experience using 'R' or similar programming language will be viewed favourably
- Competency in air quality science in particular inhalable particulate nitrogen oxides (NOx) and BTEX monitoring
- Familiarity with emissions control equipment for industrial discharges to air
- Technical understanding of the amenity effects of ambient air contaminants including odour and dust.
- Familiarity with the Resource Management Act 1991
- Awareness and understanding of the National Environmental Standards for Air Quality (NES-AQ) and MfE good practices guides relevant to air quality.
- Understanding and appreciation of Māori cultural and spiritual values and protocols

### Skills / Experience

- Practical proficiency of instrumental monitoring for NES-AQ ambient air contaminants, and other non-statutory contaminants.
- Ability to collate and analyse scientific data and information for reporting purposes and the confidence to communicate it in a way stakeholders understand and are willing to engage with
- Expertise in designing, implementing and managing environmental monitoring and research programmes relating to air quality
- Project management skills and/or experiences
- Ability to make judgements based on a range of factors, along with sound analytical and problem solving skills
- Strict attention to quality control, data management and accurate record keeping
- Proven interpersonal and communication skills including negotiation and conflict resolution skills
- Strong organisation and time management skills
- Drivers Licence

### Personal Attributes

- Team player
- Practical problem solver
- Ability to work under pressure and meet deadlines
- Finely tuned attention to detail
- Excellent time management
- Good level of fitness and eyesight
- Innovative and self-motivated
- Willingness to adapt

## Tasks

- Lead the design, implementation and reporting of assigned monitoring and research programmes/projects
- Coordinate the management of programmes including; assigning and undertaking inspections, investigations, monitoring, database entries and collation of information, analysis of data and interpretation of results
- Preparation of reports for stakeholders, including effective recommendations to achieve environmental improvements
- Maintain and develop specialist knowledge relevant to this role through research in relation to best practice and current scientific advancements
- Contribute to the range of work undertaken by the Policy and Planning, Compliance and Consents teams
- Provide scientific expertise and support in the form of specialist advice and evaluation of court evidence, consent applications, monitoring programme design and development for resource consent and other resource management activities
- Provide guidance to resource users and the public on matters of air quality
- Foster constructive relationships with external parties who are involved and affected
- Any other task and duties as required by the Team Leader - Environmental Assurance, Environment Quality Managers, Director – Environment Quality or Chief Executive

## Special requirements

- May be required to work outside normal working hours
- Must be able to undertake the physical requirements of the position
- May be required to work with hazardous and toxic materials
- May be expected to work under conditions in which personal risk is maybe incurred and safety procedures must be adhered to in accordance with the Council's Policies and Procedures

## Health and Safety

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:

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

We will achieve these by:

- Building culture
- Aiming for zero harm

- Taking reasonable practicable steps
- Managing contractors
- Communicating
- Developing knowledge
- Investigating and learning
- Ensuring competence to do the job

## Mission and Key Messages

### Our Mission:

To work for a thriving and prosperous Taranaki by:

- Promoting the sustainable use, development and protection 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 regionally, nationally and internationally

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

### Our Key Messages:

The Taranaki Regional Council works with the Taranaki community:

- Improving lifestyles
- Supporting livelihoods
- Taking Taranaki forward

### Values:

We are committed to:

- Public service
- Service First
- Improving the quality of our performance
- Working safely
- Effective communication and teamwork
- Initiative and the right to make mistakes
- Accountability and results
- Presentation, respect and care
- Job satisfaction

