

Job Description

Te whakatakotoranga tūranga

Hydrology Monitoring Officer

Pūtake Tūranga - Scope

To undertake hydrology field operations, collection of rainfall, groundwater, river level and flow data, data processing to national standards, equipment maintenance, compliance monitoring of resource consents, state of the environment monitoring and communication of information to stakeholders.

This role contributes directly to council's area of focus (community outcomes), continuous improvement of water quality and security of supply, a strong regional economy, safe and resilient communities, and efficient and effective service delivery.

Ngā Whainga - Key responsibilities

Servicing, Maintenance & Installation

The installation, servicing and maintenance of structures, data collection equipment and hydrological equipment, and updating the Hydrology asset database. This will include hydrological activities and equipment related to rainfall, water level recorders/sensors, flow gauging equipment, telemetry equipment etc.

Data Collection

Undertake data collection for the river flow gauging programme covering the Northland Regional Council's area including low flow gauging, resource consent compliance gauging, flood gauging and maintaining flow ratings. This may include a requirement for out of hours work monitoring the region during heavy rainfall and flood events.

Investigation Assistance

To assist in groundwater investigations, including the collection of groundwater hydrological data, including water quality sampling and pump tests.

Processing of Hydrological Data

Ensure standards of hydrometric workmanship and data management meets the Hydrology Group's third-party registered quality system standards and appropriate quality control over all field and data storage techniques. Process hydrological data to National Environmental Standards.

Interpret hydrological data, within the scope of the post-holders' qualifications and experience.

General/Other Duties

Ensure compliance with all of NRC's relevant policies, systems, procedures, and codes of conduct. Actively participate in organisational processes including staff meetings, Personal Performance and Development (PDP) Programmes, project teams and other initiatives. Establish and maintain close working relationships with internal and external contacts ensuring effective, professional relationships and partnerships are developed and maintained. Actively seek continuous improvement in all aspects of the role. Undertake other duties that may be assigned by the Group Manager – Environmental Services from time to time.



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Health and Safety

Adhere to all safe working procedures and instructions, taking care of oneself and others. Having a commitment to health and safety as detailed in the NRC policies and guidelines, and as defined by the Health and Safety Legislation.

Tō Pukenga - About you

Qualifications, skills and experience:

- Tertiary qualification in a related discipline (e.g., science, hydrology, environmental monitoring etc.).
- 5+ years' experience in hydrology.
- Proficient with Microsoft applications particularly Word, Excel & Outlook.
- Experience in hydrological data collection and flow gauging.
- Experience with installing and maintaining hydrometric stations and equipment.
- Experience with time series software, such as Hilltop is preferable.
- Experience with telemetry hardware and software, such as Hydrotel, is preferable.
- Experience processing hydrological data to the National Environmental Standards is preferable.
- Experience in the analysis of hydrological data for the description of trends and extremes.
- Experience in communicating hydrological data, including report writing, and presenting to audiences.
- Experience in local government is preferable.
- Full drivers' licence.

Personal attributes

- Excellent relationship management skills - relate well to all kinds of people and build constructive, positive, and productive relationships.
- Ability to work well independently and as part of a team.
- Ability to communicate (written and oral) with staff and elected representatives in an objective, regular, timely, easily understood way and in a professional manner.
- Ability to establish and maintain professional relationships with external service providers and enforcement bodies.
- Exceeds personal and team focused goals successfully.
- Looks for and accepts challenges, seizing more opportunities than others.
- Actively committed to continuous improvement.
- Displays cultural empathy and awareness.
- Displays personal and professional integrity.
- Committed to H&S and organisational values.
- Sound understanding of Māori culture.

Reports to: Hydrology Manager
Group and Department: Natural Resources
Location: NRC Whangarei Office
Date: August 2023

Declaration

I have read and understood the contents of this Job Description.



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Name:

(Please print full name)

Signature:

Date:



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