

Position description:

Senior Dam Safety and Civil Engineer

Reporting to:

Dam Safety and Civil Team Leader

Date: May 2025

Location: Twizel (Waitaki Region)

The role

In the role, you'll use your civil, dam safety, geotechnical, water and environmental engineering expertise to maintain some of NZ's most iconic hydro generation assets and other renewable energy assets. You'll also get the opportunity to work on developments that will shape the future of our electricity industry.

Position accountabilities (What you're responsible for)

- Develop and maintain strong positive relationships with co-workers, contractors, consultants, landowners and industry experts.
- Work collaboratively in our great Generation and Meridian teams.
- Ensure the safety of all personnel associated with your work activities, and carry out Health and Safety planning and reporting
- Complete assigned projects and activities from within our annual business plan.
- Support our Dam Safety Assurance Programme, to complete dam safety reviews, monitoring and surveillance, resolution of Dam Safety issues, and comply with Dam Safety Regulations.
- Support our civil asset management programme, to complete routine inspection of civil assets, reporting and routine maintenance.
- Translate dam safety and civil asset and maintenance strategies, policies and philosophies into detailed plans to maximise our assets' value without compromising safety and plant longevity.
- Participate in Meridian's Emergency Response planning, exercises and emergency response teams.
- Support the L&D of your Dam Safety and Civil Team colleagues through professional and technical leadership and mentorship.



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Accountabilities continued

- Support the DS&C Team Leader to deliver team and business outcomes, including resource planning, financial planning, risk management and skills and resourcing requirement planning.
- Providing dam safety, civil engineering and geotechnical advice and expertise to:
 - Your DS&C colleagues and team leader
 - Multi-disciplinary engineering team
 - The wider Meridian Generation Group
 - Large and small multi-disciplinary projects
 - Asset site teams
 - Meridian's Stakeholder relations and natural resources teams
 - Other areas of Meridian (as required)
- Discovering and being cognizant of potential or confirm dam safety and asset deficiencies and enhancement opportunities and managing these in our asset management database
- Managing budgets on a month-to-month basis within Meridian general accounting systems and practices.
- Participating in the business planning process
- Managing small to medium dam safety and civil projects or routine activities, and providing technical advice and expertise to our dedicated Project Management team for larger projects.
- Willing to travel to / work from sites within the Waitaki Region, as well as travel further afield as necessary.

Candidate knowledge, experience and skills

- Have a balance of technical and practical dam safety, civil engineering and geotechnical skills and knowledge
- Work collaboratively in a team environment
- Self-driven and capable of working independently
- Safety conscious - for yourself and everyone around you
- Strong attention to detail
- Effective communicator
- Demonstrated problem solving skills and proactively about self-development.
- Knowledge of the New Zealand Dam Safety Guidelines and Dam Safety Regulations
- Experience in hydropower industry and utility companies
- Civil Engineering degree, or equivalent such as Geotechnical Engineering, Water Resources Engineering, Natural Resources Engineering, Environmental Engineering, Engineering Geology

Preference will be given to candidates who have a experience in any/all of the following:

- 5+ years experience in all areas of dam safety with interest in the civil and geotechnical engineering disciplines
- 10+ years industry experience
- Experience managing dam safety, hydropower or civil engineering projects
- Experience providing professional and technical leadership and mentoring

