

ROLE DESCRIPTION

ROLE

Senior Water Engineer - Auckland

ROLE PURPOSE

The Senior Water Engineer will primarily lead the technical delivery of projects, problem solving and positive outcomes for clients across the Auckland water sector. The role will ensure Vitruvius is represented professionally and project execution is on time, to specification and high quality, and aligned with client expectations and outcomes. The role will provide technical expertise and project leadership in stormwater, wastewater and potable water infrastructure projects, accountable for project deliverables and for guiding other engineers on best practice and delivery. Success in the role requires a strong understanding of client needs, ways of working, and expectations, as well as compliance with client specifications, while also growing the technical capability within Vitruvius and strengthening its standing in the sector through leadership and knowledge.

The Senior Water Engineer will also be accountable for contributing to the growth and strengthening of Vitruvius' Water Sector by working closely with the Sector Lead, Business Lead and Service Lead in both business development and client-facing capacities. Above all, the role will be a safety leader, ensuring implementation and adherence to safety plans, HSE legislation, codes, and practices.

MISSION, VISION & VALUES

To be successful at Vitruvius and in this role, all employees must be aligned to and embrace our mission, vision and values so that we work as a collective towards a common purpose.

Our vision is for Vitruvius to become widely known as the most valuable group of experts in the industry. For every client to value us as an integral component of their business, enabling the fullest expression of our ability.

Our mission is to empower our team to build trusted and valued partnerships with clients who see the value in our unique relationship business ethos. Because we believe likeminded, quality relationships produce better outcomes for our customers and allow us to produce our best work.

Our values, what we live by!



- Committed to connection
- Believe in bravery
- Continually improving
- Strength in diversity
- Enjoy the adventure

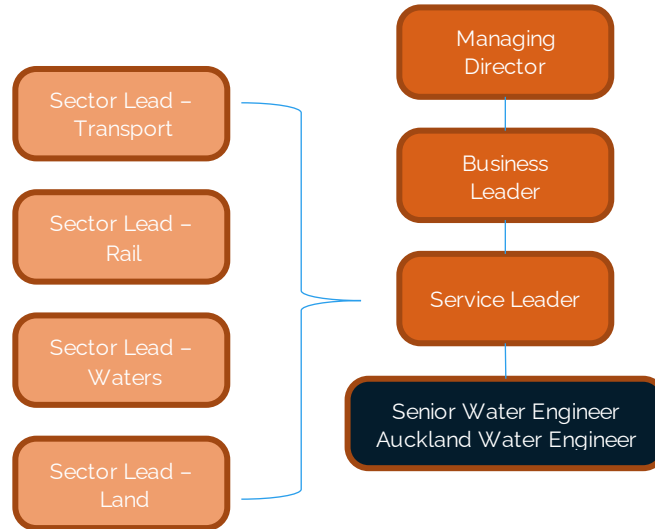
KEY RELATIONSHIPS & ORGANISATION STRUCTURE

Line Manager:	Auckland Service Leader – Civil & Water Engineering
Responsible for:	n/a

Vitruvius

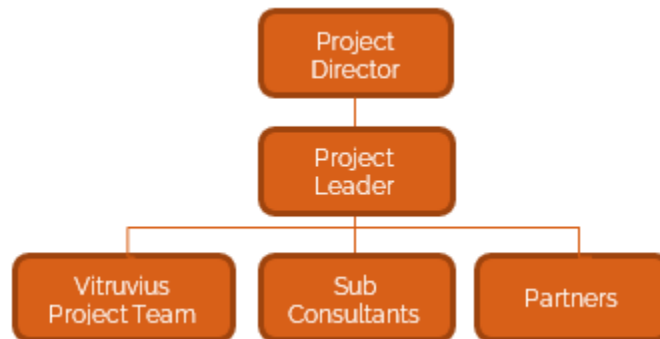
Internal Relationships: All employees

External Relationships: Clients, Partnership Consultants, Service Providers, Third Party Contractors, Public



ORGANISATION CONTEXT

The nature of business that Vitruvius operates is to deliver client projects and outcomes, and we recognise that each project has different capabilities and requirements. For each project a project team is established which may be considered as a temporary organisation structure and can be illustrated below. The Senior Water Engineer will be assigned to a role within the Project Team which may include Technical Lead, Technical Verifier or Project Leader when working on client projects, please refer to the Project Team role descriptions.



DIMENSIONS AND SCOPE

Role type: Permanent

Location: Auckland

Level: 7

KEY ACCOUNTABILITIES

1. HEALTH, SAFETY & WELLBEING

- Comply with site operating rules, processes and procedures to prevent project incidents
- Identify, control and report hazards, incidents, emergency situations, environmental incidents and unsafe behaviours to the site manager and your line manager immediately
- Take responsibility for personal safety and that of other employees, contractors and visitors within your work environment to avoid accidents and incidents
- Review all safety communications, changes to codes and practices prior to sign off to keep up to date with all safety requirements including the incident escalation process.
- Actively promote wellbeing opportunities
- Assess new plant, equipment, material and substances for risks and develop controls with the appropriate qualified personnel related to the local service line

2. QUALITY & IMPROVEMENT

- Promote and support consistent application of the QMS within the role's area of responsibility.
- Monitor quality performance, identify risks/issues, and escalate or act as required.
- Support corrective actions, continuous improvement, and lessons learnt.
- Ensure relevant reviews, checks, approvals, and records are completed.

3. PROJECT IMPLEMENTATION AND EXECUTION

- Manage and leads project teams in the role of Project Leader, including client management and commercial outcomes.
- Follows the quality procedure in the Project Delivery Framework (PDF) Briefs and works collaboratively and communicates effectively with project team to ensure effective project delivery.
- Manage budgets and programme to ensure on time and to budget delivery of projects.
- Works collaboratively with other leaders to manage resource availability for project deliverables
- Identifies resources needed and works with all stakeholders to deliver individual responsibilities
- Ensures documents and major digital assets are complete, current, and stored appropriately
- Resolves and/or escalates issues in a timely fashion
- Manages both internal and external approvals

4. TECHNICAL

- Holds and utilises significant experience in 3 waters-related design management, technical problem solving and engineering design.
- Technical capability is respected by client and peers.
- Leads technical delivery, complex assignments/projects and provides direction to more junior professionals

- Develops technical capability of others as well as self in their field of expertise (stormwater, wastewater and water infrastructure).
- Manages quality assurance aspects of civil projects, including technical verification of work where appropriate.
- Inputs into technical library and facilitates technical knowledge sharing internally.
- Verifies the work of others as required.
- Desirable: Undertakes MSQA during construction operations as required and supports more junior staff in this role.
- Bidding and offer of service deliverables management

5. CLIENT RELATIONSHIP MANAGEMENT

- Leverage existing relationships with Auckland Council Healthy Waters and Watercare, to generate opportunities and strengthen Vitruvius' position in the sector.
- Input into and help execute the Water Sector strategy
- Maintain and develop good working relationships with clients developed through the 'trust equation'
- Effective and regular communication with clients
- Work to client schedules and programmes in the time required or made available
- Develop and maintain strategic relationships with regulatory authorities, societies, consultant partners and sub-consultants

PERSONAL PROFILE AND SPECIFICATIONS

KNOWLEDGE AND EXPERIENCE

Essential	Desirable
• 8+ years of experience working in water engineering projects • Design and/or water planning experience • Experience leading and working within a project team (3+ years) • Experience applying commercial acumen to projects • Experience in consulting organisation	• Experience of client facing role, influence and stakeholder management • Experience in people line management • Complex project experience • Experience as a successful leader • Experience in the interpretation of the investigations and able to propose and follow up corrective actions • Experience in business development • NZS3910 administration / engineers representative experience • Line management experience • Established relationships with key clients (Auckland Council, Healthy Waters, Auckland Transport, KiwiRail, Water Care)

EDUCATION, TRAINING AND TECHNICAL COMPETENCE

Essential	Desirable
• Washington accord degree qualification in Engineering • On track to become Chartered in the Engineering discipline • Full drivers licence • Excellent English written and verbal communication skills • Understands responsibilities under HSE Act 2015.	• Chartership in Engineering or equivalent • Certificate in HSE management

BEHAVIOURAL COMPETENCE

Essential	Desirable
• High level of integrity • Able to speak up when it matters • Able to manage pressure in work environments • Self-motivated and self-directed	