

Position Description

Water Quality Technical Adviser

Portfolio: Strategy & Performance

Reporting to: Water Quality Risk and Strategy Manager

Position Purpose

Support the provision of specialist water quality advice to stakeholders, partner agencies, customer and community to manage risks and achieve improved outcomes for water quality. Contribute to the development of strategies and projects which reduce risks to water quality, public health and other water values.

Key Accountabilities

1. **Safety:** ensure all activities are undertaken with the safety of everyone as the number one priority and always role model safe behaviour.
2. **Values:** behave and make decisions in accordance with the WaterNSW values as all times.
3. Analyse and interpret data, scientific literature and research findings to report on water quality. Provide sound advice on water quality issues, both current and emerging.
4. Support the implementation and management of holistic strategic priorities to protect water quality for the range of public health, environmental, cultural and recreational values.
5. Prepare technical reports, presentations and supporting documentation for the management of drinking water quality, from catchment to customer.
6. Undertake risk assessments, monitoring and evaluation to identify hazards, issues and/or solutions to mitigate water quality risks. Undertake risk reviews to support water quality management for the implementation of relevant Water Quality Management Systems or Quality Assurance Plans
7. Contribute to project delivery, ensure quality of assigned tasks, support strategic programs. Identify improvement opportunities to protect and enhance water quality as well as

development of business processes to enable WaterNSW to deliver outcomes required by stakeholders, regulators, customers and clients.

8. Monitor developments in water quality, research and innovation, emerging risks and industry trends to identify improvements and opportunities for WaterNSW.
9. Support the delivery and coordinate relevant components of water quality improvement programs to ensure that they meet project goals and customer expectations.
10. Identify scope and participate in research needs based on business priorities and objectives and collaborate with the research team as a subject matter expert for the delivery of projects.

Key Challenges

- Analysing complex data and research findings and translating that into strategic advice to inform projects.
- Keeping abreast of emerging knowledge and trends in the industry in the face of rapidly evolving scientific knowledge, techniques and approaches.
- Maintain risk awareness and the need to integrate new information or changing situations to ensure strategies are programs remain adaptive and relevant.

Significant Internal Relationships

Stakeholder	Purpose of Relationship
Operations	Provision of advice and strategic direction of water quality projects and programs. Operations are a key stakeholder.
Strategy and Performance	Provision of high-quality, trusted advice to support the delivery of the portfolio and business's priorities. Identify research needs which support strategic priorities.
Communications Team	Coordinated approach when interfacing with external parties.

Significant External Relationships

Stakeholder	Purpose of Relationship
Relevant government agencies such as LGAs, DCCEW, NSW Health.	Liaise and collaborate with agency partners and organisations to coordinate management of water quality and wider water values.

Delegations, Financial Accountabilities & Freedom to Act

As defined in the WaterNSW Financial Delegations as varied from time to time.

WaterNSW Leadership & Performance Competencies

People	Level
Communicating with Influence	B <ul style="list-style-type: none">Tailors communication to suit the audience and uses a range of influencing techniques to build support.Supports messages with relevant examples, demonstrations and stories.Communicates issues clearly with different audiences.Handles challenging questions confidently and constructively.

Customer	Level
Collaboration & Engagement with Stakeholders	B <ul style="list-style-type: none">Builds and maintains relationships with individuals from other work groups to accomplish shared goals.Adapts approach to meet the needs of a broad range of customers and stakeholders.
Partnering & Advice	B <ul style="list-style-type: none">Engages in a productive dialogue with the customer to consultatively identify a solution.Provides credible advice for customers based on an understanding of the underlying issue.Knows when to draw on additional resources to provide appropriate support and advice for customers.

Business	Level
Safety and Risk Management	B <ul style="list-style-type: none">Takes immediate and appropriate action to minimise risk and maximise opportunities.

Business	Level	
		<ul style="list-style-type: none"> • Implements and monitors policies, procedures and programs. • Role models safety behaviour. • Considers safety and risk in all business decisions.
Analysis and Problem Solving	B	<ul style="list-style-type: none"> • Defines the extent and cause of the problem through observation and investigation. • Knows when and how to source and use additional information to effectively diagnose the problem and determine suitable solutions. • Considers all possible solutions and seeks input from subject matter experts where appropriate. • Takes necessary action to implement the identified solution.
Continuous Improvement	B	<ul style="list-style-type: none"> • Analyses current processes and practices to identify opportunities for improvement. • Identifies patterns in data and information and implements improvements based on this analysis. • Has knowledge of and able to apply appropriate continuous improvement tools to achieve the best outcome. • Undertakes improvement projects within own team or business area to improve outcomes by utilising innovative thinking.

Mandatory Candidate Requirements

Qualifications:

- Tertiary qualifications in an environmental related discipline (science, engineering, planning, management, ecology, sustainability).
- Current NSW Drivers Licence.

Knowledge:

- Specialised knowledge in one or more of the nominated fields:
 - Drinking water quality management principles and guidelines
 - Aquatic ecosystems
 - Catchment and riverine hydrology or hydrogeology
- Highly developed written and verbal communication and presentation skills.
- Well-developed understanding of water quality hazard assessment and risk mitigation.

Experience:

- Demonstrated experience in water resource and/or catchment management, with an emphasis on water quality.
- Demonstrated experience in stakeholder engagement to drive improved outcomes.
- Experience in analysing and reporting on complex data sets.
- Experience in provision of technical and strategic advice to inform long term planning and strategy.

Favourable Candidate Requirements

- Experience in the water industry.
- Experience in managing environmental or cultural water.
- Experience in creating tools and dashboards for program management.
- Project management skills and experience.

Pre-Employment Checks Required

- Identification
- Qualifications
- Driver's Licence
- Pre-Employment Medical - Office based
- Police Check