

Role Description

(Non-Manager)



Role Title: Hydrogeologist

Classification Level: PO1

CHRIS Position Number: various

Division: Water and River Murray

Branch/Unit: Water Science and Monitoring/Water Science

Reports to (Title): Manager, Groundwater Assessments and Reporting

Our Organisation

The Department for Environment and Water (DEW) works to help South Australians conserve, sustain and prosper. Our work is critical to South Australia's future social, environmental and economic prosperity and well-being. We aim to be a flexible, responsive and influential adviser to Government and we deliver high quality policy, programs and assets across our wide and diverse portfolio of responsibilities. We have embraced technology that enables our people to have impact no matter where they live or how they work. Collaboration, diversity, inclusion, customer service and outcomes all matter to us. We work in partnership with community, traditional owners, industry and stakeholders to get results.

Purpose

The Water and River Murray Division is responsible for leading the achievement of the South Australian Government's priorities in relation to the use, management and conservation of the State's water resources. The Division delivers this through developing and implementing water related policies, strategies and programs; managing the State's water licensing and permitting system; leading the operation of the River Murray in South Australia; undertaking water science and monitoring to sustainably manage the State's water resources; overseeing the construction of major water related infrastructure projects; and supporting the South Eastern Water Conservation and Drainage Board and the Stormwater Management Authority. The Division has the added specific responsibility for driving the delivery of the Murray-Darling Basin Plan.

About the Branch/Business Unit

The Water Science Unit within the Water Science and Monitoring Branch provides scientific expertise for water and works to support policy and regional delivery programs. A key priority for the Unit is to provide scientific and technical support to natural resources planning and management. The Groundwater Assessments and Reporting Team within the Water Science Unit provides State-level advice relating to the status and condition of high priority groundwater resources and translation and synthesis of hydrogeological knowledge to inform natural resources policy and management decisions.

About the Role

The Hydrogeologist is primarily responsible for providing professional hydrogeological advice and services and uses existing tools and applications to obtain, assess and ensure the quality of data to support management decisions. The role focuses on providing advice on matters relating to the water planning and management of the State's groundwater resources, supporting projects in various groundwater systems across the State and providing hydrogeological input into key Department for Environment and Water initiatives.

Key Role Outcomes

- The Department's management of natural resources is informed with contribution to professional hydrogeological services.
- Organisational and project objectives are achieved through contributions to the delivery of project requirements, including data collection, management, analysis, interpretation and advice.
- Groundwater planning and management objectives are met through contribution to the provision of sound hydrogeological advice.
- Stakeholders are engaged and partnerships maintained within the agency and government.
- Team and DEW objectives are met with the application of professional work practices.

Key Relationships

- Reports to the Manager, Groundwater Assessments and Reporting
- Receives technical direction, input and feedback from other Unit members, including Senior and Principal Hydrogeologists
- Liaises with a variety of stakeholders, community members and staff within DEW, other Government Departments and Landscapes SA
- Maintains close working relationships with other members of the Water Science and Monitoring Branch and across DEW.

Special Conditions

- May be required to participate in fire management or associated duties.
- A current class "C" driver's licence, and willingness to drive, is essential.
- May be required to occasionally undertake intra or interstate travel and work outside of the normal hours of work.

Core Competencies	Elements	Behavioural Indicators
Shapes Strategic Thinking and changes	<ul style="list-style-type: none"> • Thinking and Acting Strategically 	<ul style="list-style-type: none"> • Raises potential options for consideration arising from analysis. • Can identify and articulate potential issues and implications.
Achieves Results	<ul style="list-style-type: none"> • Assuming Accountability • Making Decisions 	<ul style="list-style-type: none"> • Willingly accepts responsibility for own work. • Shows initiative in moving projects forward and dealing with potential problems. • Knows when to seek further information, clarify issues or involve others in the decision making process.
Drives Business Excellence	<ul style="list-style-type: none"> • Optimising Performance 	<ul style="list-style-type: none"> • Works collaboratively with team members to achieve team and individual goals.
Forges Relationships and Engages Others	<ul style="list-style-type: none"> • Establishing and maintaining networks • Communicating and Managing Conflict 	<ul style="list-style-type: none"> • Works well with others and is effective in collaborating with colleagues across the Agency. • Presents information clearly in writing and verbally, in a way that is well suited to staff at all levels. • Present technical information so it can be clearly understood by the audience and does not use jargon.
Exemplifies Personal Drive and Professionalism	<ul style="list-style-type: none"> • Displaying Flexibility and Resilience • Demonstrating Commitment to Learning and Development 	<ul style="list-style-type: none"> • Is flexible in handling changing priorities. • Adapts to new situations while maintaining achievement of outcomes. • Keeps abreast of relevant developments within their own field of expertise

Technical, Professional/Knowledge and Experience (including qualifications)

- Tertiary degree in engineering, natural resources, science or equivalent, with emphasis on hydrogeology is essential.
- Knowledge and understanding of hydrogeology and hydrogeological applications and techniques.
- Experience in collating, documenting and analysing technical information, data and GIS products, including report writing.
- Knowledge of water planning, environmental management issues and principles related to groundwater management.

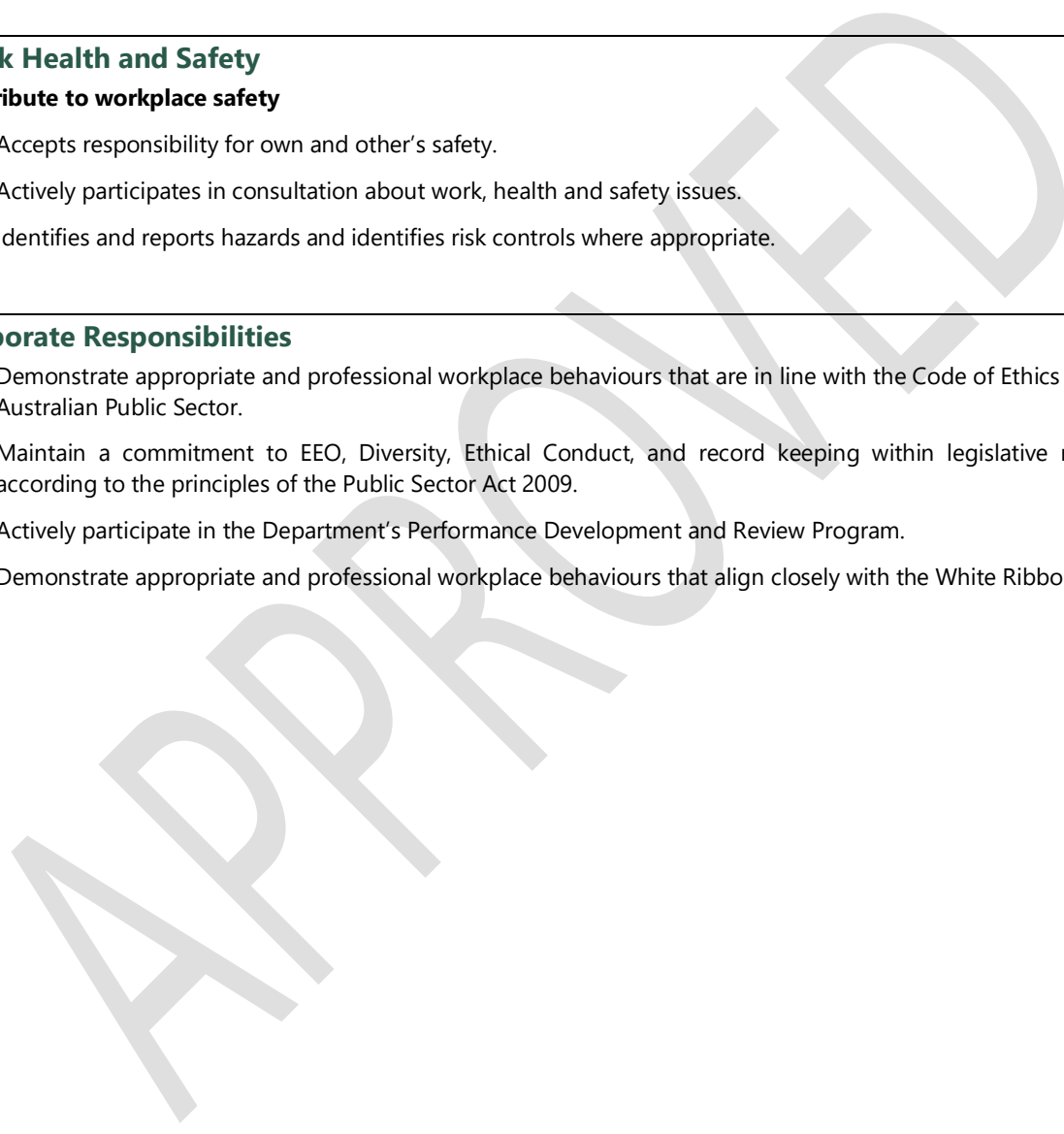
Work Health and Safety

Contribute to workplace safety

- Accepts responsibility for own and other’s safety.
- Actively participates in consultation about work, health and safety issues.
- Identifies and reports hazards and identifies risk controls where appropriate.

Corporate Responsibilities

- Demonstrate appropriate and professional workplace behaviours that are in line with the Code of Ethics for the South Australian Public Sector.
- Maintain a commitment to EEO, Diversity, Ethical Conduct, and record keeping within legislative requirements, according to the principles of the Public Sector Act 2009.
- Actively participate in the Department’s Performance Development and Review Program.
- Demonstrate appropriate and professional workplace behaviours that align closely with the White Ribbon message.



DEW Branch: Water Science and Monitoring	Date classified: 24/07/2025
DEW Division: Water and River Murray	Classified: updated