

Role Description

(Non-Manager)



Our purpose – Helping South Australians Conserve, Sustain and Prosper.

Role Title: Principal Hydrographer

Division: Water and River Murray Division

Classification Level: TGO3

Branch/Unit: Water Science and Monitoring/Water Resource Monitoring Unit

CHRIS Position Number: P57364

Reports to (Title): Team Leader, Riverland Operations

About the Agency – [Department for Environment and Water](#)

About the Role

The Principal Hydrographer conducts surveillance and survey work in rivers and streams in accordance with work programs and priorities of the Department and across the State. The Principal Hydrographer has lead responsibility for conducting a range of technical duties associated with design, installation and maintenance of technical equipment along with the collection of valid surface and ground water data and overseeing the entry of that data into the appropriate information systems. The Principal Hydrographer provides specialist advice, reports and support to scientific officers and external clients, (including Landscape Boards), local government and public enquiries on a range of matters and issues related to Hydrographic methodologies and field work results.

Key Role Outcomes

- Field surveys result in the collection of scientifically valid and reliable data.
- Field surveys are conducted in accordance appropriate techniques and methodologies.
- Stakeholders receive technical advice on survey matters.
- Scientific reports incorporate robust recommendations. Data analysis and reporting is robust.
- Specialist advice in relation to Hydrographic methodologies and the collection of water data is provided in accordance with relevant legislation, standards and policies.
- Surface water infrastructure projects receive the appropriate level of technical input.

Essential Criteria (including qualifications)

[Must be addressed by candidates in written application letter (max 3 pages) in addition to CV unless advertisement advises otherwise]

- An appropriate qualification in Natural Resources, Hydrography or equivalent is essential.
- Demonstrated knowledge and understanding of hydrological measurements, techniques, practices and methods required to select, install and maintain hydrological instruments.
- Demonstrated knowledge and experience in collecting and storing water data in electronic and hard copy formats with a range of hydrography related software.
- Knowledge of safe boat practices along with experience in safe work practices regarding fast flowing streams and rivers
- Experience in collecting level survey data to Australian Height Datum.

- Demonstrated knowledge and application of standards, legislation, policies and procedures relevant to the collection of water data.
- A current class “C” driver’s licence and willingness and ability to safely operate a 4wd is essential.

Desirable Criteria

- Boat licence and Coxswain certificate is desirable.

Key Relationships/Interactions

- Maintains close working relationships with other officers in the Water Science and Monitoring Unit and across the Department
- Liaises with a range of internal and external clients, including members of the general public, developers, contracted surveyors, local government agencies, and other SA government Departments.

Special Conditions

- May be required to participate in emergency preparedness, response and recovery activities required by government agencies.
- You must be an Australian citizen, permanent resident, or provide evidence that you hold a valid working visa that allows you to work in Australia.
- Prior to being employed, the successful applicant will be required to obtain a National Police Check.
- This role has been identified as a:

Position of trust ☒

Prescribed position ☐

Not applicable ☐

The following screening check is required:

- You will be required to provide a valid Nationally Coordinated Criminal History Check prior to being employed, which is required to be renewed every three years before expiry. DEW will cover the cost of renewal.
- May be required to undertake intra or interstate travel, including travel in light aircraft, occasional overnight absences and work outside of the normal hours of work.

Core Competencies	Elements	Behavioural Indicators
Shapes Strategic Thinking and changes	• Thinking and Acting Strategically • Creating Vision and Direction	• Remains focused on achieving outcomes despite the emergence of unexpected or unplanned pressures. • Continually monitors the direction and progress of work to ensure relevancy to strategic outcomes. • Maintains a strong sense of the Agency’s direction and shows evidence of communicating this to their team.
Achieves Results	• Delivering Effective Outcomes • Assuming Accountability	• Develops and communicates clear and realistic goals / expected outcomes for projects and tasks.

		Establishes own credibility by demonstrating personal competence and technical expertise.
Drives Business Excellence	Optimising Performance	Works collaboratively with team members to set challenging team and individual goals.
Forges Relationships and Engages Others	- Communicating and Managing Conflict - Using Political Savvy	- Presents information clearly in writing and verbally, in a way that is well suited to staff at all levels. - Identifies political issues when they arise.
Exemplifies Personal Drive and Professionalism	Demonstrating Commitment to Learning and Development	Keeps abreast of relevant developments within their own field of expertise.

Work Health and Safety

Contribute to workplace safety

- Accepts responsibility for own and others 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](#) and the [South Australian Public Sector Values](#).
- Maintain a commitment to Equal Employment Opportunity, Diversity, Ethical Conduct, and record keeping within legislative requirements, according to the principles of the *Public Sector Act 2009*.
- Exhibit and promote the behaviours in line with *The way we work* outlined in the [DEW Corporate Plan](#).
- Actively participate in the Department's Performance Review and Development Program.
- Demonstrate appropriate and professional workplace behaviours that align closely with the White Ribbon message.
- Champion positive behaviours and conduct during all interactions with children and young people and act in accordance with the Child Safe Environment Policy and Procedure at all times.

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