

Role Description

(Non-Manager)



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

Role Title: Principal Hydrographic Surveyor

Division: Biodiversity and Nature Economy

Classification Level: TGO4

Branch/Unit: Biodiversity Science, Coasts & Information

CHRIS Position Number: P68999

Reports to (Title): Team Leader, Coastal Science & Monitoring

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

About the Role

The Coasts Unit administers the *Coast Protection Act 1972*, supporting the Coast Protection Board in protecting South Australia's coastal, estuarine and marine environments. The Unit is also responsible for managing Adelaide's Beaches and overseeing maintenance dredging of metropolitan boat harbors at West Beach and Glenelg.

The Principal Hydrographic Surveyor is responsible for ensuring implementation of coastal monitoring activities across the state to support the achievement of Coast Protection Board and Department for Environment and Water legislative obligations and strategic objectives.

The role provides technical leadership and specialist support to a team of coastal monitoring staff, contributing to the delivery of high-quality, fit-for-purpose and timely statewide monitoring programs. It applies expertise in hydrographic, geodetic and cadastral survey methodologies to support data acquisition, processing and management, promote adherence to quality assurance standards, identify and escalate risks to delivery and data integrity, and contribute to continuous improvement of coastal monitoring practices.

Key Role Outcomes

- Deliver technical components of statewide coastal monitoring plans and programs to support achievement of Board and departmental objectives.
- Contribute to a fit-for-purpose quality assurance program to ensure scientific rigour across coastal data acquisition, processing, storage and dissemination, including standards, validation processes, equipment maintenance and compliance with information management policies.
- Identify, communicate and escalate issues in a timely and effective manner that may impact the delivery of coastal monitoring schedules or the quality of data and information.
- Contribute to continuous improvement of coastal data acquisition, processing, analysis, storage and dissemination, including equipment and methodological enhancements to improve efficiency and meet emerging needs.

Essential Criteria (including qualifications)

- An appropriate qualification in Surveying or similar.
- Experience in conducting survey techniques relating to coast, marine and estuarine environments.
- Experience in collecting, validating, analysing, interpreting, presenting and archiving scientific data and information.

- Experience in providing advice and recommendations to management on technical matters in written or verbal form.
- A current class “C” driver’s licence and willingness and ability to safely operate a 4wd is essential.
- A current First Aid Certificate.

Desirable Criteria

- Current Truck licence (MR) desirable.
- Knowledge and experience in procurement and contract management.
- Open water diving qualification and current “fit to dive” medical certificate.
- Coxswain certificate.
- 25kg Remote Pilot Licence (RePL).
- Demonstrated leadership capability, with the ability to foster a collaborative environment to achieve organisational goals, and to supervise a team effectively if required.

Key Relationships/Interactions

- Works collaboratively with all members of the Coasts Unit and the Biodiversity Science, Coasts and Information Branch.

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.
- This role has been identified as a:
 Position of trust ☒ Prescribed position ☐ Not applicable ☐
- The following screening check(s) is/are 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.
- Inter and intrastate and remote area travel is required, including travel in light aircraft.
- Will be required to undertake intra or interstate travel, 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 • Leading and Influencing Change	• Remains focussed on achieving outcomes despite the emergence of unexpected or unplanned pressures. • Communicates change positively and with commitment to the 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	Facilitating Quality and Continuous Improvement	Keeps abreast of developments within the Agency and the discipline and makes sure that this knowledge is shared across the team.
Forges Relationships and Engages Others	- Influencing and Negotiating - Using Political Savvy	- Shows the ability to persuade managers and colleagues by presenting business benefits - Identifies likely political or sensitive issues and knows what (and what not) to say to people involved.
Exemplifies Personal Drive and Professionalism	Demonstrated Commitment to Learning and Development	- Builds team understanding of issues in their business area and field of expertise - Keeps abreast of relevant areas within 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](#).
- As an individual it is your responsibility to actively participate in the Department's Performance Review and Development Program. As a manager you are required to action the Performance Review and Development Program inclusive of 6 monthly reviews, for all employees for whom you are responsible.
- Recruit appropriately qualified and experienced staff to the unit/team.
- 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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