



AWE is a South Australian based consulting firm providing sustainable and innovative engineering, water resources, planning and natural resource management solutions for the community and our clients. Our team of professional and support staff has strong technical capabilities in hydrogeology, hydrology, civil and environmental engineering, integrated water resources management, groundwater modelling, ecology, spatial services, environmental management and planning, consultation and community engagement and data management.

Professional, independent land and water solutions benefiting people and the environment.

AWE Capabilities:

- Hydrogeology
- Hydrology
- Civil Engineering
- Environmental Engineering
- Integrated Water Resources Management
- Groundwater Modelling
- Ecology
- Spatial Services
- **Environmental Management**
- Statutory Planning
- Environmental Planning
- Consultation and Community Engagement
- Data Management

Environmental Management

At AWE we aim to deliver environmentally sustainable outcomes for our projects through our planning and management expertise. Our team includes natural resource managers, hydrogeologists, hydrologists, ecologists, planners, scientists and engineers. We use our environmental management expertise as a key input to technical and strategic planning processes. Environmental management incorporates a diversity of skills and experience. At AWE, we have specialist environmental skills in water resource management, natural resource management, ecology, hydrology, environmental impact and management, sustainability, climate change adaptation, rural and regional planning.



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Stormwater Management Plans

AWE develops stormwater management plans for government agencies, such as councils, private landowners and developers. We can provide planning advice early in the project to secure funding for the project, as well provide planning recommendations to help better facilitate stormwater management, such as changes to council Development Plans. We also work closely with organisations to develop costing estimates for works that fit within their annual budget frameworks.

Coastal Erosion Management Plans

AWE is assisting organisations to adapt to climate change impacts, such as coastal erosion of the Victor Harbor foreshore and the cliffs at Pt Hughes and Moonta Bay. This involves assessing impacts of sea level rise, coastal erosion, severe storm and fire events, stormwater and flooding, infrastructure requirements. We provide planning and policy advice to help implement adaptation strategies and we help communicate these issues to the affected communities.



Environmental Assessment and Development Application

AWE was engaged by the landowner to assess the land in relation to ecology, landscape, stormwater and infrastructure requirements for a proposed housing subdivision. AWE secured the Water Affecting Activity permit for watercourse enhancements works, as well as prepared the Development Application.



Environmental Assessment - Pt Hughes Boat Ramp Upgrade

AWE is undertaking an environmental assessment of upgrading the Pt Hughes boat ramp on Yorke Peninsula, for the Copper Coast Council. The critical issues related to impacts to the marine environment such as seagrass, and coastal processes, such as sand movement along the coast. Modifications to the design of breakwaters was done to avoid these impacts affecting sensitive environments. The environmental assessment report will be lodged with the Development Application to the state government's Development Assessment Commission.



Environmental Management Plan for Former Pt Pirie Abattoir

AWE prepared an EMP for rehabilitating tallow ponds at the former Port Pirie abattoir site, to the requirements of the EPA.

Environmental Audits

AWE offers skills in undertaking independent compliance auditing, such as auditing of EPBC Act conditions for approved developments.

Environmental Impact Statement for Major Projects

Staff at AWE are skilled in coordinating and preparing Environmental Impact Statements for Major Developments in South Australia. This involves project managing a range of investigations and research into environmental, social, and economic issues, liaison with government and developers, communities, project budgeting and report writing.

Environmental Investigations for the Northern Expressway

Staff at AWE were members of the environmental and social investigations team for one of the most significant road projects in Adelaide in the last 30 years. This involved input into vegetation studies, heritage investigations, undertaking social planning assessments and assisting in determining preferred corridor alignments for the Expressway, in conjunction with a multi-disciplinary team of consultants and Government staff.

