

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

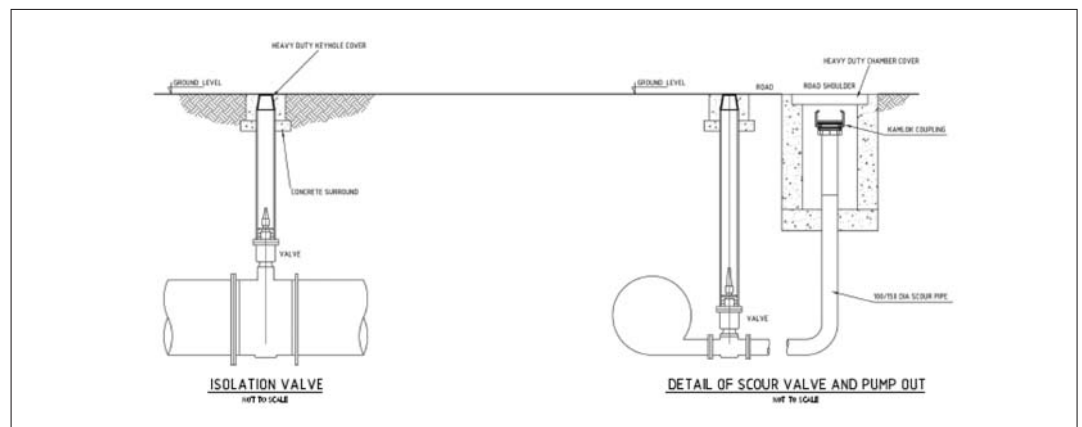
AWE Capabilities:

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

Water and Wastewater

Our capabilities include:

- Potable water network modelling & design;
- Recycled water network modelling & design;
- Hydraulic services design (water, fire ,gas);
- Irrigation management plans;
- Total Integrated Water Management Plans;
- Water balance modelling;
- Demand modelling;
- Stormwater harvesting & Managed Aquifer Recharge (MAR) scheme evaluation and design and stormwater design;
- Sewer design to SA Water Level 1 accreditation standards;
- Water main design to SA Water accreditation standards;
- Technical specifications;
- Pre-tender cost estimates;
- Tendering contract administration & superintendence; and
- Authority liaison & approvals.



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Port Augusta Infrastructure Plans

AWE prepared stormwater, potable and non-potable water, wastewater and electrical infrastructure headworks plans to inform the future development of the City of Port Augusta including a more detailed assessment of land abutting the airport.

Northern LeFevre Peninsula Infrastructure Headworks

AWE undertook the detailed planning of infrastructure headworks comprising stormwater, wetland & MAR investigations.

Staff from AWE undertook detailed planning of all transport infrastructure, site grading, potable and non-potable water and waste water infrastructure and services infrastructure including an innovative pressure sewer system.



Karoonda Integrated Water Management Plan

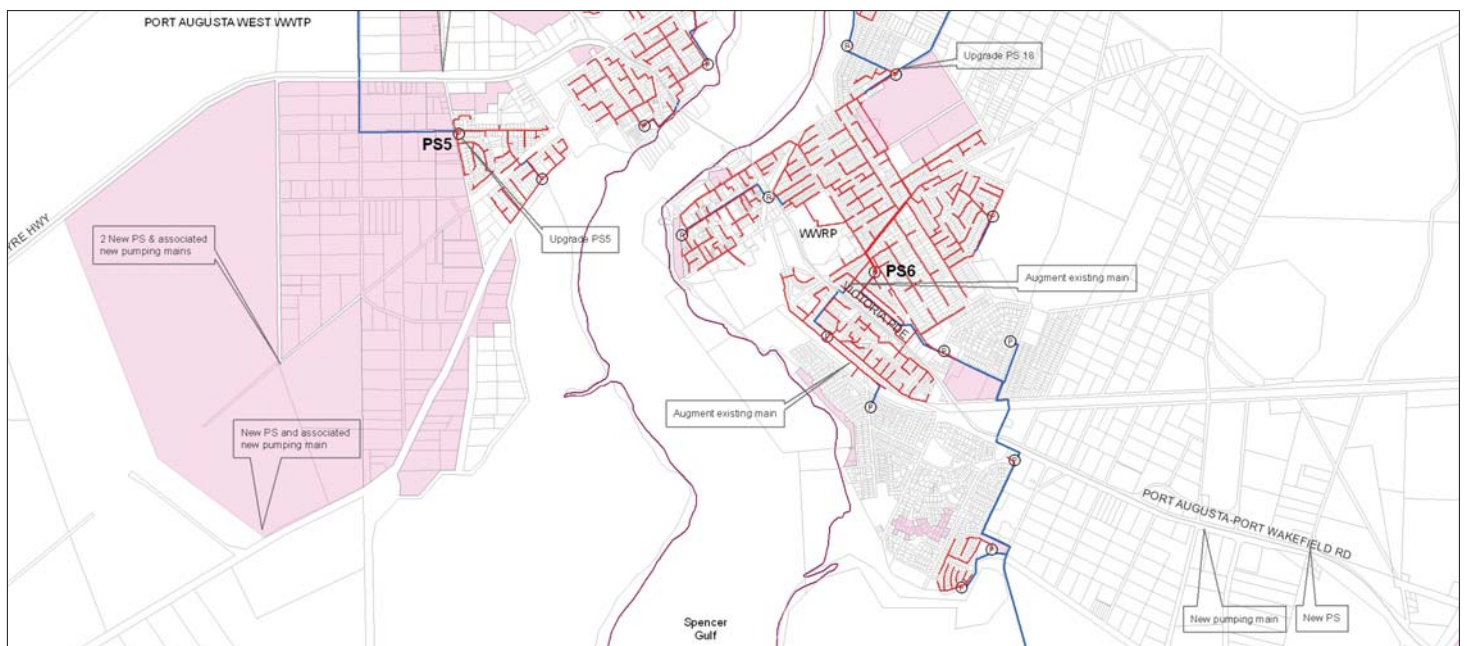
AWE developed an integrated water management plan for Karoonda. The plan assessed all aspects of the water cycle to determine how water could be best utilised and managed for the benefit of the town.



Happy Valley Sports Park Upgrade

AWE undertook stormwater design advice on Water Sensitive Urban Design (WSUD) aspects and prepared the development application for a \$3.5M upgrade of the sports park.

AWE undertook planning and detailed design of a range of recreation facilities including new clubrooms, shared paths, tennis courts and other facilities and associated hydraulic services including potable and non-potable water and sewer design.



Whyalla Recycled Water Main

AWE undertook detailed design and documentation of a water main to supply treated wastewater to two ovals in Whyalla.

