

## Swan reach – Stockwell Pipeline SCADA Upgrade



**Client** SA Water  
**Site** Swan Reach  
**Budget** \$ 0.35 million  
**Description** Project development and delivery of the upgrade of the SCADA telemetry and radio communication system for the Swan Reach to Stockwell Pipeline system. Service provided includes Project Management (development) – scope & requirements definition, options development and solution recommendation, stakeholder consultation, FFA preparation and submission.

## SA Water Accommodation Project



**Client** SA Water  
**Site** Adelaide  
**Budget** \$ 1.98 million  
**Description** SA Water embarked on the rationalization of its regional & metropolitan accommodation facilities which included the return of its Thebarton site back to the Adelaide City Council for the re-establishment of parklands. The project was the provision of a functional workshop/office/warehouse at Torrensville and fitting out of an office environment in the CBD for the Drought Team.

## MWPL Security Upgrade



**Client** SA Water  
**Site** MWPL Pump Stations 2, 3 & 4  
**Budget** \$ 1.3 million  
**Description** Provision of electronic & physical security at Morgan Whyalla Pipeline Pump Stations 2, 3 & 4. Services provided were site inspection to verify claim quantity, management of progress claims using RCTI, management of communications, documentation for variations (request for variation, approvals, adjustments to contract values through procurement.

## Finger Point WWTP – Upgrade Inlet Screen Pipework



**Client** SA Water  
**Site** Finger Point  
**Budget** \$ 700 k  
**Description** The project scope is realigning the inlet pipe to minimise uneven build up of rags on the inlet screen, including a new bypass pipe which will operate automatically by closing a valve and opening the bypass valve if the inlet screen detects a blockage. The tasks are amongst others, coordination of work packages and innovative planning and construction solutions due to the limited availability and access to the inlet pipe.

## Tailem Bend – Keith Low Lift Pump Station



**Client** SA Water  
**Site** Tailem Bend - Keith  
**Budget** \$ 0.3 million  
**Description** Delivery of electronic & physical security system. Service Provided were preparation of OHS & Environmental requirements for tender documentation, review of tender document examples, initiate & oversee kick off inductions, OHS site inspections including document registers (contractor), reporting to internal OHS rep as required.

## SA Water Master Planning



<b>Client</b>	SA Water
<b>Site</b>	Adelaide
<b>Budget</b>	\$ 5.8 million
<b>Description</b>	The SAW Water Master Planning project commenced in 2002 with the aim of completing a 25yr assessment of the likely demands on the SAW water supply & wastewater assets, and the augmentation and upgrade requirements to meet such demands. The project consisted of a state-wide investigation and the development of Master Plans & Long Term Plans.

## Mannum, Adelaide & Swan Reach Stockwell Pipeline



<b>Client</b>	SA Water
<b>Site</b>	Mannum, Adelaide & Swan Reach
<b>Budget</b>	\$ 0.6 million
<b>Description</b>	Improvements to assets & major systems including pumping stations along critical pipeline systems are currently underway across the state. This includes the developing of fire protection services in the pump station buildings & associated infrastructure. Two projects are currently being developed with the expectation that upgrades to fire & egress.

## Clarendon Tunnel Security



<b>Client</b>	SA Water
<b>Site</b>	Clarendon
<b>Budget</b>	\$ 0.12 million
<b>Description</b>	SA Water decided to improve the level of security at each end of the tunnel at Clarendon. The outcome was a high security anti-climb fencing system which is often used in high security facilities. One of the drivers was the need to use similar methods of protection in the future and so, this upgrade would be seen as a 'trial site' for future installations.

## Mannum Source Water Contamination



<b>Client</b>	SA Water
<b>Site</b>	Mannum
<b>Budget</b>	\$ 0.12 million
<b>Description</b>	Due to the risk of extracting contaminated water, SA Water decided to develop an automated monitoring system to sample water in real time which would report back to the central SCADA monitoring system in Adelaide. Tasks included developing a design & construction of the facility on the jetty at the intake point including auto sampling systems & integration into the SAW SCADANet system.

## Ceduna Area SCADA Telemetry Extension



<b>Client</b>	SA Water
<b>Site</b>	Ceduna
<b>Budget</b>	\$ 0.82 million
<b>Description</b>	Project delivery including 3 <sup>rd</sup> party negotiations and approvals, request for tender preparation and evaluation, contract administration, design review/certification, stakeholder communications, construction management, Superintendent's Representative. Identification of alternative base radio station site (Telstra), delivery to client satisfaction.

## Oodnadatta Water Supply Backup Generator



**Client** SA Water  
**Site** South Australia  
**Budget** \$100 k  
**Description** The project will provide for the water supply backup generator. It involved the coordination of a number of staged work packages, and required management of the planning and construction solutions as well and management of communication and documentation until the final handover and close out.

## Eyre Peninsula SCADA Upgrade Stage 1



**Client** SA Water  
**Site** Eyre Peninsula  
**Budget** \$ 1.7 million  
**Description** The project scope is to complete programming, configuration and bench testing of telemetry system (PLC & HMI code) for WWTP control system. PhoenixPM involvement is to provide a management service to final completion of the project, including preparing and developing Project Management Plan, and financial and programming testing management of the telemetry system.

## Heathfield WWTP Improve Aeration



**Client** SA Water  
**Site** Heathfield  
**Budget** \$ 800 k  
**Description** SAW Water's Heathfield Improve Aeration requires an upgrade of the existing system. The scope of PhoenixPM involvement in the project is to manage of project documentation and file security, design, construction management including site visits, inspections and audits and final works acceptance and project close-out.

## Heathfield WWTP Reactor 2&3 Safe Access



**Client** SA Water  
**Site** Heathfield  
**Budget** \$ 750 k  
**Description** The project requirements are basically the refurbishment of a number of functional upgrades and safety improvements for reactor 2 at the Heathfield WWTP. The activities of PhoenixPM are amongst others to prepare, review and update project management planning documentation, financial control, reporting, procurement activities, contract management, design and construction management, operational handover, final works and project close-out.

## Mannum WWTP Relocation Development



**Client** SA Water  
**Site** Mannum  
**Budget** \$ 5 million  
**Description** The project includes services of project management for changing the SA Water Mannum Wastewater Treatment Plant to a different location. The scope of works include coordination across projects, general coordination and integration, central point of communication for Major Projects and Regional Operations for issue management and, reduce construction, environmental and operational integration risks.

## Bolivar Sludge Lagoons



**Client** SA Water  
**Site** Bolivar Lagoon  
**Budget** \$ 1 million  
**Description** The scope of this project is to provide erosion protection solution to the banks of sludge lagoons B2 and B3 and return them to service. The PhoenixPM involvement is to complete all activities relation to the development of the projects as outlined in CPMM, up to and including the achievement of the full financial approval milestone.

## Adelaide Desalination Plant



**Client** SA Water  
**Site** Port Stanvac  
**Budget** \$ 1.8 billion  
**Description** Provided project management and administrative support to the project director throughout design, build, operation and maintenance phases of the project. Ensured that a duty of care and appropriate action was taken to comply with Health and Safety requirements at all times. Recorded, stored and supplied information in accordance with policy and legislative requirements.

## North South Interconnection Systems Project



**Client** John Holland  
**Site** Adelaide Suburb  
**Budget** \$ 400 million  
**Description** Managed support functions covering planning, tracking, reporting, quality management and document control. Liaised with the project client and other stakeholders of the project progress. Produced consolidated reporting to the project director, including summary, key issues, risks, benefits, summary of costs incurred.