

Project summary

Salt Interception Schemes (SIS) are part of a works and measures program that has been progressively implemented under the Basin Salinity Management Strategy over the last 30 years. The schemes are important for maintaining downstream water quality and ecosystem health in the riverine environment.



SA Water manages a number of schemes as a State agent of the Murray Darling Basin Association. Responsibilities that come with this role include:

- Maintenance planning, budgeting and scheduling
- Asset performance management improvements
- Reporting to ensure compliance with the overall Basin Salinity Management Strategy.

Testimonial:

“The Fifteen50 team provide a pragmatic approach to providing services which generates efficiencies within our business”

Gary Fyfe Manager River Murray Operations

Project details:

Client: SA Water

Engagement: July 2018 to March 2019

Operational changes

The development of floodplain health initiatives and the impacts of rising energy prices has meant that the management of these schemes has altered with some schemes being effectively mothballed whilst others have had operations re-prioritised to meet the needs of the changing landscape. This altered management regime creates asset challenges that require additional analysis over and above the normal BSMS reporting requirements.

Core services

Fifteen50 provides investigation and analysis around the lifecycle performance of all SIS assets from data collection and processing, to asset lifecycle evaluations and business case development. Our staff understand the requirements of the BSMS and the stakeholder expectations associated with the reporting within this strategy

Examples of this include:

- Asset condition review and implementation plan for the Rufus River Salt Interception & associated assets.
- Development of business case for the replacement of Switchboards across SIS Schemes
- Development and completion of Inspection Test Plans (ITP’S) for numerous Operational centres within RMO