

**Position:**

Senior Consultant

Qualifications:

B App Sci

M Env Man

Professional Associations:

Australian Water Association
(Tas. branch committee
member)

Contact Details:

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INTRODUCTION

Sarah joined Macquarie Franklin in early 2016 bringing wastewater, water and environmental management experience gained from water utilities and local government. Sarah has spent a large portion of her career in recycled water management with complimentary expertise in biosolids management, water and wastewater treatment, water demand management and environmental compliance. For the past six years Sarah has been a member of the Australian Water Association's Tasmanian Branch Committee.

Sarah's key skills include project management, risk assessment, strategic planning and regulatory negotiation. Sarah has strong communication skills and experience in stakeholder engagement and education.

PROFESSIONAL EXPERIENCE

2016 – Present: Senior Consultant, Macquarie Franklin

2013-2016: Senior Environmental Scientist, TasWater

2010-2013: Leader – Recycled Water and Biosolids, Southern Water

2007–2009: Coordinator Demand Management, Gold Coast Water

2005-2007: Recycled Water Project Officer, Gold Coast Water

2003-2004: Environmental Health Officer, Sorell Council

2001-2002: Cadet Environmental Health Officer, West Tamar Council

RECENT PROJECTS

- Development of a Recycled Water Irrigation and Environmental Management Plan for Arm End Public Recreation Reserve, 2018.
- Management of Macquarie Franklin's contract for provision of Tasmania wide biosolids compliance services to Conhur (TasWater's biosolids contractor). 2018 – ongoing.
- Wastewater management and irrigation advice for Triabunna fish waste rendering facility. Tassal, 2018 - ongoing.
- Review of irrigation water supply quality management at Driscoll's Perth berry nursery, 2018.

- Development of EPA approved Wastewater Management Plan for Tassal's Margate fish processing facility, 2017.
- Wastewater compliance review – Tassal Margate fish processing facility, 2017.
- Recycled water suitability assessment for Arm End Public Recreation Reserve, 2017.
- Lead author of the Launceston Sewerage Improvement Project (LSIP) Recycled water Feasibility Study. TasWater, 2017.
- Development of farm biosolids management plans on behalf of TasWater (2016-ongoing)
- Development of EPA approved recycled water irrigation and environmental management plans for TasWater (2016-ongoing)
- Provision of technical and regulatory advice to TasWater (and its customers) on recycled water and biosolids management (2016-ongoing)
- Development of TasWater's first board endorsed Recycled Water Policy and Strategy (2015)
- Project management of TasWater's recycled water compliance program and related consultancy contracts
- Project management of TasWater's wastewater lagoon desludging contract
- Member of the organising committee for the Australian Water Association (AWA) Tas Branch annual conference (2015, 2016, 2017 and 2018)
- Management of incidents related to recycled water and biosolids quality failures. Southern Water.
- Chair of Southern Water's recycled water and biosolids working group
- Member of the organizing committee for the Australian Water Association Young Water Professionals (Vic Branch) 2014 annual conference
- Development and implementation of new management plans, business rules, KPIs, processes and procedures pertaining to the introduction of Class A+ dual reticulated recycled water into Gold Coast Water
- Delivery of Gold Coast Water's recycled water customer training program
- Project management of Gold Coast Water's Home Watersaver Rebate scheme, which issued \$10million in customer rebates for water efficient appliances

Areas of Expertise

- Project management
- Recycled water and biosolids management
- Regulatory liaison
- Environmental compliance
- Irrigation and environmental management plans
- Water and wastewater treatment
- Water demand management
- Stakeholder management and education

Macquarie Franklin Expertise

- Agronomy & horticulture
- Applied research & development
- Biosolids and waste product management
- Business management & economics
- Environmental services & sustainable agriculture
- Farm management
- GIS consulting & mapping
- Grazing systems
- Industry development & training
- Project management
- Recycled water management
- Soil & land capability
- Water resources

- Project management of internationally recognised research into customer water use, including domestic consumption end use analysis
- Development and delivery of Gold Coast Water's Demand Management and non-residential recycled water supply strategies

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