

CAPABILITY STATEMENT

Mel Rae



**Manager
Environmental
Sustainability**

CONTACT DETAILS

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QUALIFICATIONS

- Bachelor Agricultural Science (Hons)

PROFESSIONAL ASSOCIATIONS

- Member, Agricultural Institute of Australia
- Member, Tasmanian Women in Agriculture

COMMITTEES OR BOARDS

- Tasmanian Institute of Agriculture Advisory Board member
- Poppy Advisory and Control Board member

Mel is Manager of Pinion Advisory's Environmental Sustainability team. She has over 14 years of experience in monitoring and managing recycled water and organic waste products, particularly in relation to sustainable and beneficial application to land.

Whilst currently working predominantly in recycled resource management, Mel has considerable experience in agricultural industry communication and extension projects and programs at a local and national level.

Mel is a capable and experienced project manager, with well-developed relationship management and communication skills. She has well developed group facilitation skills and enjoys working on complex projects with multidisciplinary teams.

Areas of expertise

- Project management
- Project scoping and troubleshooting
- Feasibility studies
- Management plans
- Technical advice
- Extension & communication
- Regulator liaison
- Recycled water, waste product management & resource recovery
- Environmental approvals
- Environmental monitoring, reporting & reviews
- Sustainable agriculture
- Livestock production

Professional experience

- Pinion Advisory – Manager Environmental Sustainability, Nov 2021 - present
- Pinion Advisory (Macquarie Franklin) - Senior Consultant/Team Leader Sustainable Management Solutions, 2013–Nov 2021
- Pinion Advisory (Macquarie Franklin) - Graduate and Consultant, 2007–2012
- SFM Soil Solutions, Tasmania - TO, 2007

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Relevant projects

PROJECT	ROLE	CLIENT	YEAR/S DELIVERED
Recycled water management and monitoring services	Project manager & technical advice. Environmental monitoring, reporting and compliance auditing of all Tasmanian recycled water schemes	TasWater	2009-ongoing
Wastewater management plans and advice to Huon Aquaculture	Environmental assessments, management plans, approvals and regulator liaison for factory wastewater irrigation activities at various sites in Tasmania	Huon Aquaculture	2018-2021
Irrigation and environmental management plans	Recycled water irrigation and environmental management. Plans for many different properties using recycled water	Various clients	2007-ongoing
Clarence Recycled Water Scheme environmental management plan	Review of over ten years of environmental performance data, development of new EMP to replace old DPEMP and address current and future requirements	TasWater	2018-2019
Wastewater irrigation transition & emergency management plan (WWIT&EMP)	WWIT&EMP for cheese processing facilities in NW Tasmania, liaison with EPA, ongoing consulting, annual soil monitoring and reporting	Saputo	2012-2018
South East Irrigation Scheme Stage 3 (SEIS3) groundwater monitoring report	Data analysis and reporting, development of risk assessment processes and contingency management responses	Tasmanian Irrigation	2018/2019
Launceston Sewage Improvement Project (LSIP)	LSIP recycled water feasibility study and presentation to EPA	TasWater	2016-2017
Coordinator of MLA red meat extension programs (Tas)	Profitable Grazing Systems More Beef from Pastures	Meat & Livestock Australia	2017-2018 2014-2016
Feedbase Focus	National communications coordinator for sustainable feedbase resources portfolio	Meat & Livestock Australia	2016-2017
Feedbase Investment Program	Run focus groups in NSW and WA to wrap up five year \$21m pasture research program	Meat & Livestock Australia	2017