

# CAPABILITY STATEMENT

## David McLaren



**Senior Consultant  
Irrigation and Water  
Resources**

### CONTACT DETAILS

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43 Formby Road  
Devonport TAS 7310

### QUALIFICATIONS

- Bachelor of Regional Resource Management (UTAS)
- Centre Pivot/Lateral Move (Irrigation Australia Limited)
- Irrigation Pumps and Systems (Irrigation Australia Limited)

David is a Senior Consultant in the Water Resource Development Team. Prior to this he worked as a senior project officer with the Tasmanian Institute of Agriculture (TIA), with a focus on irrigation technology and practice.

David has a passion for irrigation design and efficiency. He has been working closely with the farming community in assessing irrigation practice and helping farmers to identify inefficiencies and implement changes to achieve effective and efficient irrigation practices.

David is highly experienced in the installation and maintenance of a variety of technologies associated with irrigation systems, including sensors and associated telemetry systems and their interfaces. He is particularly passionate about effectively communicating with and relating to farmers and helping them to achieve positive outcomes for their business.

### Areas of expertise

- Irrigation system performance and energy efficiency auditing
- Irrigation system design
- Project management
- Water resources assessments and planning
- Contract admin

### Professional experience

- Pinion Advisory – Senior Consultant – Water Resource Development, November 2020-present
- Tasmanian Institute of Agriculture - Senior Project Officer-Irrigation, 2013-2020
- McLaren Ag – Field Logistics Officer, 2010-2012

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## Relevant projects

PROJECT	ROLE	CLIENT	YEAR/S DELIVERED
Use of optical sensor technology to reduce nitrogen fertiliser inputs on dairy farms	Project Officer (Tasmanian Institute of Agriculture)	Department of Agriculture, Fisheries and Forestry	2013-2015
Smarter Irrigation for Profit	Project Officer (Tasmanian Institute of Agriculture)	Department of Agriculture and Water Resources	2015-2017
Beyond Water Smart: Advancing Dairy Irrigation System Performance	Senior Project Officer Irrigation (Tasmanian Institute of Agriculture), coordinate and lead the collation of technical data for pressurised irrigation systems	Dairy Australia Ltd. (Melbourne)	2018-2019
Smarter Irrigation for Profit-Phase 2	Senior Project Officer, Project Leader	Department of Agriculture, Water and the Environment	2019-2020
Dairy Research Farmlet Trial (Fixed Sprinkler Irrigation Design/Dam Design Upgrades)	Designer	University of Tasmania & Tasmanian Institute of Agriculture	2021-2022
Supply and Installation of Irrigation Equipment (29ha Fixed Sprinkler Irrigation and pump station)	Superintendent's Representative	University of Tasmania & Tasmanian Institute of Agriculture	2021-2022