

CAPABILITY STATEMENT

Ross Bugg



**Senior Consultant
Water Resource
Development**

CONTACT DETAILS

0400 914 473

Level 1, 25 York St
Launceston TAS 7250

QUALIFICATIONS

- Bachelor of Geomatics (UTAS) 2009

Ross joined Pinion Advisory in 2022 as a senior consultant working in the Water & Environment team. Prior to this, Ross worked in a variety of engineering, property and regulatory roles focused on his training as a surveyor.

Ross worked for Natural Resources and Environment Tasmania (NRE) as geodetic surveyor for 3 years directly before moving to Pinion.

Working in the same location as the Water team in NRE, he became aware of the value of sustainable water management to the future of Tasmanian agriculture.

Ross has skills in topographic mapping, analysis of data, compilation of location information, and managing projects while communicating effectively and openly.

Ross is passionate about working directly with clients, to obtain a best outcome for them. He has a strong ability to think critically and pursue an idea while being aware of competing demands of cost and efficiency.

Areas of expertise

- Topographic data collection and management
- CAD - drafting and planning of water storage
- Irrigation dam modelling and design
- Water allocation and Dam Application requirements with NRE
- Analysis of detailed spatial data
- Client liaison

Professional experience

- Pinion Advisory – Senior Consultant – Water and Surveying, May 2022-present
- Natural Resources and Environment Tasmania (NRE Tas) – Geodetic Surveyor, 2019-2022
- ACT Government (Office of the Surveyor-General) – Surveyor, 2018
- Steger Pty Ltd – Surveyor, 2016-2017

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Relevant projects

PROJECT	ROLE	CLIENT	YEAR/S DELIVERED
Rutherglen Water Reuse Expansion	Senior consultant (Pinion Advisory) working on preliminary storage design and documentation collaboration	North East Water (Vic)	2022
On farm water storage design, water licence permits and applications for allocation	Senior Consultant (Pinion Advisory) assisting various clients to achieve permit approval and design of optimum storage options for various water requirements	Various clients across mid and Northern Tasmania	2022-present
Northern Midlands Irrigation Scheme	Senior consultant (Pinion Advisory) administering development of survey procedures and measurement of control for supply to client and contractors	Tasmanian Irrigation	2022-present
LIDAR control verification, and establishment	Geodetic surveyor (NRE Tasmania) working with the Topographic Data team to ensure foundation spatial data captured in Tasmania meets required accuracy for public use	NRE Tasmania	2021-2022
Tasmanian Geodetic Control network upgrade, maintenance and management	Geodetic surveyor (NRE Tasmania) managing the state Geodetic Control network, in response to advice received from industry related to damage or sparsity	NRE Tasmania	2019-2022
ACT Survey Plan examination	Surveyor (ACT Office of the Surveyor-General) working closely with surveyors to ensure Survey Plan lodgments meet regulatory guidelines	ACT Government	2018
ACT Light Rail Stage 2 Corridor pre-design engineering survey and control network	Senior surveyor (Steger Pty Ltd) working with survey teams to undertake pre-design surface and sub-surface data collection for design team	ACT Government	2016-2017
On-farm dam storage and viticulture design and establishment	Surveyor (6ty Pty Ltd)	Various farming clients Tasmania	2009-2015

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