

# CAPABILITY STATEMENT

## Liam Guest



**Graduate Engineer  
Water & Environment**

### CONTACT DETAILS

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### QUALIFICATIONS

- Bachelor Science (Biology) (Hons)
- Bachelor Civil Engineering (Environmental) (Hons)

Liam has completed a Bachelor of Civil Engineering (Environmental) and a Bachelor of Science (Biology), both with first-class honours from the University of Sydney. His engineering honours focused on modelling oceanic rogue waves in a wave flume tank, and his biology research project focused on mitigating mammalian browsing on eucalypt seedlings via associational plant community refuge. The latter involved thorough plant community surveys.

In his previous role as an undergraduate engineer with Comdain Infrastructure, Liam worked on sewerage pump stations and reservoir canal upgrades.

Since beginning with Pinion Advisory in February 2022, Liam has worked as a project engineer on Tasmanian Irrigation schemes designing pipelines. His work relies heavily on GIS for accurate modelling.

### Areas of expertise

- Water resources engineering
- Hydraulic modelling
- Problem solving
- Pipeline design
- GIS
- Civil engineering
- Ecological research
- Vegetation surveys and identification
- Experimental design
- Statistical analysis

### Professional experience

- Pinion Advisory – Graduate Engineer – Water & Environment, 2022-present
- Comdain Infrastructure – Undergraduate Engineer – 2018-2019