

**Position:**

Senior Consultant

Qualifications:

Dip Irrig
Certified Irrigation Designer
ASP3845

Professional Associations:

Member of Irrigation Australia
(IAL)

Contact Details:

T: (03) 6427 5300

F: (03) 6427 0876

M: 0407 622 483

E: jcurran@macfrank.com.au

Level 1

81 Elizabeth Street

Launceston

Tasmania 7250

INTRODUCTION

James Curran is a senior consultant specialising in water resource management, water development and related approvals, irrigation design, implementation, construction management and energy efficiency.

James has over 23 years' experience in water resource management in Tasmania. He is able to provide clients with practical, relevant advice based on his wealth of experience in all facets of water resources.

James has been the lead consultant in numerous and varied water development projects, providing services to a broad range of clients from individual farmers to agribusiness and government.

PROFESSIONAL EXPERIENCE

2011 – Present: Senior Consultant – Macquarie Franklin

2002 – 2011: Senior Consultant - Agricultural Resource Management

2000 – 2002: Area Manager & Irrigation Designer - Bosch Irrigation

1995 – 2000: Irrigation Design & Sales - Van Den Bosch Irrigation

1989 – 1995: Dairy Farm Management

RECENT PROJECTS

- Ongoing – 3,685 ML, 24m high earth fill private instream dam development project. Project manager for the approval process. Project superintendent during construction, Agrilac Pty Ltd
- Ongoing - Dam site assessments and the preparation of dam permit and water allocation applications for numerous private clients across the state. Including dam consequence category assessments.
- Ongoing – Registration and consequence category assessments of existing unregistered dams for numerous private clients.
- Ongoing - Dam safety surveillance reporting for existing dams.
- Ongoing – Water allocation assessments and water license and allocation applications for numerous private clients.
- 2017/18, 80 ML irrigation storage dam. Project manage consultant studies and write and lodge the dam approval. Project superintendent during construction, S Smith and Son (Yalumba Wines)
- Dam permit and water license applications for all Tasmanian Irrigation's Tranche 1 and tranche 2 projects
- Irrigation system design, specification, tendering, project management of a 80 ha broad acre irrigation development, J Savage 2014/15

Areas of Expertise

- Water resource assessments
- Development planning, project management and approvals
- Dam site selection, planning and permit applications including consequence category assessments
- Water allocation assessments and applications
- Dam surveillance reporting
- Dairy & Piggery effluent management
- Irrigation feasibility and planning
- Irrigation system detailed design, tendering and project management
- Irrigation system performance auditing
- Irrigation system energy auditing
- Specialist centre pivot irrigation system design
- Specialist drip and micro irrigation system design
- Irrigation system design, specification, tendering, project management and construction supervision of a 79 ha broad acre irrigation, Active Dairies 2014/15
- Irrigation system design, specification, tendering, project management and construction supervision of a 270 ha broad acre irrigation development comprising 4 Centre Pivots, three pump stations, associated mains and infrastructure, Trefusis Pty Ltd 2013/14
- Irrigation system design and specification for a large scale reuse project. 300ha of new irrigation comprising 8 centre Pivots and associated mains and pump stations, Gippsland Water, 2012/13
- Irrigation system design, planning and specification for a large scale dairy conversion. 375ha of new Centre pivot irrigation and two large dams totaling 1,500 ML of storage, Bennett Agriculture, 2011/2014
- Design and tender of a conversion from overhead sprinklers to drip for hop production, stages one through to five, Hop Products Australia, 2008/14
- Pre-feasibility pipeline design and costing for the Great Forester Brid Irrigation Scheme, TI, 2011
- Alternative Dam location Assessment for the North East Dams Project, TIDB, April 2010
- Design and tender of irrigation system for a large scale Blueberry orchard development, stages one to three, including raising of existing dam, Berry Exchange, 2008/10
- Development of the guidelines for minimum standards for property management planning (water module), TIDB, 2009
- Dairy effluent management plans for existing and new dairy operations, various clients across the state, 2008 to present
- Preparation of Farm Water Development Plans, under the DPIWE SMART Farming Water Initiative, 2006-07
- Large scale centre pivot irrigation system design with staged installation for an existing dairy operation, including upgrading existing irrigation infrastructure 410ha system, Bennett Agriculture, 2006 to 2010
- Irrigation energy efficiency audits across seven properties, NRM North, 2009
- Development of the Pump Efficiency Tool. A simple excel based tool for farmers to self audit pump efficiency, NRM North, 2009
- Farm irrigation energy audits and four field day presentations on Irrigation Energy Efficiency, Dairy Tas and Dairy for Tomorrow, 2010
- Water supply and management plan for property subdivision into two individual agricultural enterprises and a processing facility, TPF, 2009
- Water resource reports as part of property management planning for Cradle Coast NRM and Northern NRM, 2006/10
- Centre Pivot and Linear Move Course, Certified Trainer

Macquarie Franklin Expertise

- Economic studies
- Business and farm management
- Feasibility studies
- State and regional development
- Irrigation and water development
- Land capability and mapping
- Natural resource management
- Training and extension
- Technical agricultural consulting