

**Position:**

Senior Consultant

Qualifications:

B Natural Resources (UNE)

AusRivAS accredited (UC)

Design livestock Effluent
Systems**Professional Associations:**Member, Australia New Guinea
Fish Association**Contact Details:**

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81 Elizabeth Street
Launceston
Tasmania 7250**INTRODUCTION**

Ryan graduated from the University of New England in 2010 with a Bachelor of Natural Resources.

Ryan has worked in a diverse range of industries providing environmental support and advice. He has experience in mining, coal seam gas, construction, agriculture, ecology, waste and contaminated land.

PROFESSIONAL EXPERIENCE

2018-present: Macquarie Franklin

2017 – 2018: Toowoomba Regional Council, Environment and Resource
Officer and Principal Waste Facilities

2015 – 2018: EnviroAg, Senior Ecologist and Project Manager

2010 – 2015: Mount Isa Mines, Environmental Advisor (Ecology)

2010: NSW Fisheries, Technical Officer

2009: Centennial Coal, Environment and Community Officer

RECENT PROJECTS

- Toowoomba Regional Council (TRC) – Planning and management of the rehabilitation of 15 closed landfills (2017-2018)
- TRC – Development, testing and implementation of weighbridge software and data management software (2017-2018)
- TRC – Audits and compliance inspections of 13 operational landfills and waste transfer stations (2017-2018)
- TRC – Management of day-to-day operations of 13 operational landfills and waste transfer stations (2017-2018).
- TRC – Groundwater Monitoring program for 15 landfills (2017)
- TRC – Surface water monitoring program for Toowoomba Waste Management Facility (2017-2018)
- Mort & Co – Project manager of the Development Application for the Grassdale Feedlot Expansion to 70,000SCU (2016-17)
- Smithfield – Project manager of the Development Application for the Sapphire Feedlot Expansion to 25,000SCU (2015-2017)
- Environmental Management Plans for various feedlots and live export facilities (2015-2017)
- Contaminated Agricultural Run-off Dam applications for various clients in Queensland (2015-2017)

Areas of Expertise

- Ecology (Fauna and Aquatic)
- Environmental management and monitoring
- Effluent reuse
- Mining
- Waste management
- Intensive agriculture
- Fire ecology
- Contaminated land

Macquarie Franklin Expertise

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

- Contaminated Land Assessments for fuel stations, workshops, washdown facilities and stock dips (2015-2017)
- Ecological assessments for Coal Seam Gas (CSG) roads and pads for various clients (2015-2017)
- Various state significant development business cases for groundwater licences (2016-2017)
- De Bortoli Wines – Groundwater and soil monitoring for processing water reuse areas (2015-2017)
- Ecological Assessments for various feedlot expansion (2015-2018)
- Armidale Regional Council – Various flora, fauna and bushfire Assessments (2015-2017)
- Sunwater – Groundwater and soil monitoring for Coal Seam Gas processing water reuse areas (2015-2016)
- Queensland Dairy Organisation – Dairy Effluent Management Plans for various dairies throughout Queensland (2015-2018)
- RPC Windy Station – Aboriginal Cultural Heritage Due Diligence Assessment (2016-17)
- ACC – Soil monitoring programs for effluent reuse at various feedlots (2016-2017)
- Diatrema Resources – Environmental Monitoring Plan for Tick Hill Gold Mine (2012-2017)
- Mount Isa Mines – Receiving Environment (Aquatic) Monitoring Program development and implementation (2012-2015)
- Mount Isa Mines – Closure, rehabilitation and financial assurance planning (2012-2015)
- Ernest Henry Mine – Receiving Environment (Aquatic) Monitoring Program development and implementation (2011-2012)
- Ernest Henry Mine – Waste Rock Dump rehabilitation planning and coordination (2011-2012)
- Ernest Henry Mine – Installation of stream gauges (2011-2012)
- Mount Isa Mines – Fire Management Plan monitoring and implementation (2012-2015)
- Mount Isa Mines – Lease wide Ecological assessments
- Glencore – Monitoring of groundwater, noise, dust, surface water, flora and fauna at various mine sites in QLD (2010-2015)
- NSW Fisheries/UNE – Research Project – Spatial and temporal variation on fish community assemblages by a natural barrier, Clarence River, NSW (2010)