

## Ryan Francis



### Senior Consultant

#### CONTACT DETAILS

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#### QUALIFICATIONS

- B Natural Resources (UNE)
- AusRivAS accredited (UC)
- Accredited livestock effluent systems designer

Ryan is a senior consultant with a focus on ecology and environmental management. He has strong technical skills in aquatic ecology, fauna ecology, environmental management, recycled resource management and agricultural systems.

Ryan is a capable and experienced project manager. He has extensive experience across several industries, providing environmental support and advice in mining, coal seam gas, construction, agriculture, ecology, waste and contaminated land.

He focuses on providing ethical, economic and environmentally sustainable outcomes which do not hinder growth within primary industries.

#### Areas of expertise

- Ecology (fauna and aquatic)
- Waste management (municipal, mining and intensive agriculture waste streams)
- Intensive agriculture approvals and environmental management
- Environmental management and monitoring
- Effluent reuse plans
- Project management
- Environment management in mining
- Fire ecology
- Environmental impact statements

#### Professional experience

- Pinion Advisory (Macquarie Franklin) - Senior Consultant, 2018-present
- Toowoomba Regional Council - Environment and Resource Officer and Acting Principal Waste Facilities, 2017-2018
- EnviroAg - Senior Ecologist and Project Manager, 2015-2018
- Mount Isa Mines - Environmental Advisor (ecology and rehabilitation portfolio), 2010-2015
- NSW Fisheries - Technical Officer (research), 2010
- Centennial Coal - Environment and Community Officer, 2009

# CAPABILITY STATEMENT

## Relevant projects

PROJECT	ROLE	CLIENT	YEAR/S DELIVERED
Wastewater reuse environmental management plans for salmon hatcheries throughout Tasmania	Project manager, field work, report writing and client liaison	Huon Aquaculture and Petuna Seafoods	2018-21
Environmental management plan and irrigation management plan	Project manager and client liaison	Tasmania Feedlot	2019-2021
Vegetation community assessments and offset proposals for agriculture developments	Project manager, surveying, reporting and client liaison	Various clients	2015-2021
Surface water and groundwater monitoring plans and implementation	Project manager, field work, report writing and client liaison	Huon Aquaculture	2019-2021
Burrowing crayfish surveys for agriculture developments	Project manager, surveying, reporting and client liaison	Various clients	2019-2020
Threatened species assessments	Project manager, surveying, reporting and client liaison	Various clients	2010-2020
Biosolids management plan for reuse of biosolids	Plan development	Conhur	2018-19
Groundwater management plan	Plan development	Tassal	2019-2020
Groundwater drilling and drilling report throughout Tasmania	Project manager, drilling supervision and client liaison	Huon Aquaculture	2018-2020
Groundwater drilling and drilling report	Project manager, drilling supervision and client liaison	TasWater	2019-2020
Ongoing environmental monitoring – soil, surface water and groundwater	Environmental monitoring and reporting across several hatchery and grow-out sites	Huon Aquaculture	2018-2021
Farm manager	Overseas farm operations and implementation of rehabilitation plan	Saputo	2019-2021
Annual soil monitoring and reporting	Project manager and client liaison	Saputo	2018-2021

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Annual soil monitoring and reporting of whey spreading program	Project manager and client liaison	Saputo	2018-2021
Waste reuse management plan	Project manager and client liaison	Durham Abattoir	2020
Annual compliance audit of Brighton, Penna and Clarence reuse schemes	Project manager and reporting	TasWater	2020
Annual soil monitoring of Brighton, Penna and Clarence reuse schemes	Project manager and reporting	TasWater	2020
Wastewater management review	Project manager and reporting	Tasmania Parks	2020
Dairy effluent design	Project manager, audits, design, modelling and client liaison	Various clients	2015-2021
Aquatic ecosystem monitoring with AusRivAs	AusRivAS assessments to monitor impacts to waterways from various industries	Various clients	2012-2020
Landfill closure	Planning and management of the rehabilitation of 15 closed landfills	Toowoomba Regional Council	2017-2018
Contaminated land assessments for fuel stations, workshops, washdown facilities and stock dips	Project managed assessments, sub-contractors and remediation programs	Various clients	2015-2017
Soil monitoring programs for effluent and manure reuse for feedlots	Project managed, undertook monitoring and reporting	Various clients	2015-2020
Feedlot developments and expansions	Project managed and wrote EIS and other approval documents for over 10 feedlots in NSW and QLD	Various clients	2015-2018
Contaminated agricultural run-off dam applications	Project managed, liaised with government departments and developed applications	Various clients	2015-2018
Ecological assessments for coal seam gas	Project managed, undertook assessments, managed ecologists and reporting for gas infrastructure projects	Various clients	2015-2018
Environmental monitoring plan for Tick Hill Gold Mine	Project managed, undertook monitoring and reporting	Diatreme Resources	2011-2020

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Groundwater and soil monitoring for coal seam gas processing water reuse areas	Project managed, undertook monitoring and reporting	Sunwater	2015-2018
Receiving environment (aquatic) monitoring program development and implementation	Project managed, undertook monitoring and reporting for Mount Isa Mines and Ernest Henry Mine	Mount Isa Mines	2011-2015
Fire management plan for 32,000ha	Project managed, undertook monitoring and reporting	Mount Isa Mines	2012-2015
Ecological assessments for mine leases and infrastructure	Project managed, field surveys and reporting	Mount Isa Mines	2010-2015
Monitoring of groundwater, noise, dust, surface water at various mine sites in Queensland	Project managed, monitoring and reporting	Mount Isa Mines	2010-2015
Fisheries research on barrier effects on fish communities – Clarence River system	Field work, statistics and thesis	NSW Fisheries	2010
Aquatic ecosystem monitoring for mine impacts	Project managed, monitoring and reporting	Centennial Coal	2009
Monitoring of groundwater, noise, dust, surface water at various mine sites in Queensland	Project managed, monitoring and reporting	Centennial Coal	2009