

CAPABILITY STATEMENT

Scott Johnstone



Lead Consultant QLD/NT Water & Environment

CONTACT DETAILS

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QUALIFICATIONS

- Associate Diploma in Agricultural Mechanisation – Soil & Water Engineering (UA)
- Certified Irrigation Designer
- Certified Irrigation Auditor
- Certified AutoCAD

PROFESSIONAL ASSOCIATIONS

- Member of Irrigation Australia (IAL)
- Member of Australian Golf Course Superintendents Association (AGCSA)

Scott's career in irrigation industry started in 1985 working as a Technical Officer in the Agricultural Engineering Department at the University of Queensland after graduating from UQ.

Along with extensive contracting experience in major projects, Scott held senior positions with leading Australian and international equipment manufacturers, plus having strong foundations in consulting with a large firm of consulting engineers and his own business.

He has an Associate Diploma in Agricultural Mechanisation (UQ), specialising in Soil & Water Conservation Engineering, and he is a Certified Irrigation Designer.

Scott is the Lead Consultant for Queensland and the Northern Territory.

- Master planning and budgets
- Irrigation system design
- Water supply and storage
- Pump stations
- Filtration and water treatment
- Control systems
- Environmental monitoring
- Quantity survey
- Cost estimating
- Project management
- Inspections and test plants
- Audits and IWPs

Professional experience

- Pinion Advisory (HydroPlan) – Lead Consultant

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Relevant projects

PROJECT	ROLE	CLIENT	YEAR/S DELIVERED
Wamuran Irrigation Scheme	Scheme Participation Manager to engage with all scheme participants to assess on farm demands and develop detailed farm management plans for delivering recycled water from South Caboolture STP to Wamuran farming community. Calculation and distribution of irrigation scheme flows to deliver 2.9GL per year in stage 1, working together with scheme solutions architect and design team to develop concepts through to detailed design for approvals	Unitywater	2019-ongoing
BITS Golf Course, Sports Clubs & Dennis Park	Lead consultant for stakeholder engagement with Boyne Island & Tannum Sands (BITS) community sporting groups on behalf of Gladstone Regional Council; including golf course, soccer fields, rugby league fields, AFL & cricket oval. Detailed design of irrigation systems supplied by recycled water scheme, including pump stations, treatment and facilitate soil remediation works	Gladstone Regional Council	2021
Federation Walk Coastal Reserve	Development of irrigation concepts through to detailed design and project management of 34ha revegetation along The Spit for the City of Gold Coast, Natural Areas Management Unit, including fire buffer zones requiring fire resistance. The system uses recycled water and includes a balance tank with pump station	City of Gold Coast	
Kelvinside Yearling Paddocks	Planning, design and project management of irrigation system for 52 paddocks at Darley Stud in Aberdeen	Godolphin	2017

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Irrigation assets specification manuals	Author of master irrigation specification manuals for Moreton Bay Regional Council, Ipswich City Council, Tweed Shire Council, Alice Springs Town Council, Rockhampton Regional Council and City of Darwin. Manual's scope includes standards for planning, design, drawings, water supply, product specifications, installation, ITPs, Irrigation Water Management Plan (IWMP), construction details and layouts	Various regional and city councils	
South Pine Sports Complex (Recycled Water)	Audit, design and specifications for site wide central irrigation control (SCADA) along with design of irrigation systems for AFL, cricket and hockey sports fields	Moreton Bay Regional Council	2015-2016
Nathan Road Sporting Precinct	Planning, design, specification and IWMP for four sports fields, including tank, pump station, filtration, irrigation system, RTU and SCADA controls	Moreton Bay Regional Council	2018-2020
CREEC Stormwater Harvesting	Design specification and project management for stormwater harvesting, solar pump system, UV treatment and reuse system including risk assessment, water management plan, design, specifications and project management	Morten Bay Regional Council	
Runaway Bay Recycled Water Tank	Design and specifications for 550kL irrigation water storage tank recycle water scheme, including associated works and controls	Gold Coast City Council	
Ormeau High Level Pump Station	Design, specifications and construction management for booster pump station, including, building, gantry, pump unit, flow meter, backup power generator, RTU and SCADA controls	Gold Coast Water	
Ormeau Ridge AFL	Design and construction management of tank, pump station, irrigation system, RTU and SCADA controls for two AFL sports fields	Gold Coast City Council	2013
Coplicks Family Sports Park	Design and construction management of pump station, dosing, filtration, irrigation system, RTU and SCADA controls for five sports fields	Gold Coast City Council	

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Multiple sports fields	Design and construction management of tanks, pump stations, irrigation systems and controls for multiple sports fields at Bulimba Memorial Park, Alexander Park and DM Henderson Park	Brisbane City Council	
Yarrabilba Sports Precincts 2 & 3	Planning, design, specification and IWMP for four sports fields, including tank, pump station, filtration, irrigation system and controls.	Logan City Council	
Les Burger Sports Fields (Recycled Water)	Planning, design, specification and IWMP for two sports fields, including tank, pump station, filtration, irrigation system and control	Tweed Shire Council	
Darwalla Milling Hatchery, Allora	Planning, design, IWMP and specifications for disposal of trade wastewater from hatchery via pasture irrigation system	Darwalla Group	
Middle Ridge Golf Course, Toowoomba	Auditing, consulting and project management for 18-hole championship golf course irrigation system, including training and implementation of irrigation water management plan	Toowoomba Golf Club	
Recycled water projects	Planning and design consultant for disposal irrigation systems at Miles Golf Course and Wandoan Showgrounds	Western Downs Regional Council	
Irrigation system design and construction	Design and construction of irrigation systems for two vegetable farms 50ha and 20ha	Mason Brothers, Werribee	
Mine revegetation irrigation	Planning, design, IWMP and specifications for revegetation of 5km creek diversion including water supply from raw water dam	Blackwater Mine (BHP-Mitsubishi Alliance), Central Queensland	
Cluden Park Racecourse	Design, specification and project management for water supply storage tank, pump station, irrigation system and controls for racetrack	Townsville Turf Club	