

**DANIEL JOHNSTONE**
Manager**Qualifications**

Bachelor of Engineering (Hons) 1995, JCU
Registered Professional Engineer of Qld, 5892
MIE Aust, CP Eng, NER (Civil)
Graduate Certificate in Engineering (Port and Harbour) 2014, Swinburne
Master of Pavement Technology 2019, CPEE
Northern Territory Reg. No. 58497ES
Department of Defence NV1 Level Security Clearance
Townsville City Council Suitably Qualified Person-065 Erosion & Sediment Control

**PROFESSIONAL
EXPERIENCE****Training**

*Level 1 Bridge Inspection
(ARRB Group)*
*Level 2 Bridge Inspection
(ARRB Group)*
*AS5100 Bridge Design
Unsealed Local Roads
(ARRB Group)*
*Pavement Recycling & Insitu
Stabilisation
(Centre for Pavement
Engineering Education Inc)*
*R110HS202A Enter & work in
confined spaces*
*R110HS204A Work safely at
height*

Inductions

*Port of Townsville
Department of Defence*

Skills

Post tensioned concrete design
Industrial and mining
Conceptual design
Structural engineering
Project management
Site supervision

Project Types

Shopping centres
Police headquarters
Aquatic centre
Retail showrooms
Educational facilities
Industrial developments
Refurbishments

LCJ ENGINEERS PTY LTD**Manager 2010 – Present****Principal Engineer 2003 – 2010**

Danny has worked in consulting engineering firms in Mackay, Townsville, Brisbane and the United Kingdom and has gained experience in a variety of fields and construction techniques. Danny has worked on commercial, industrial, medium rise residential apartments and refurbishment projects. He has experience in the design and site supervision of most building materials including reinforced, post tensioned and precast concrete, hot rolled structural steel, cold formed steel, timber, masonry and composite construction. Projects Danny has been involved with include:

- **Provision of facilities for A9063 Land 4502 Phase 1 Additional CH-47 Chinooks for 5th Aviation Regiment at RAAF Base, Townsville** - This project involved the detailed design and documentation of hardstands and access roads, bulk earthworks, drainage and a detention basin.
- **Structural design advice and review of Douglas Reservoir Stage 1B** - Supply and construction of 41ML steel reservoir for drinking water.
- **Townsville Wastewater Upgrade Programme (WUP) at the Mt St John Treatment Plant** - LCJ Engineers has completed numerous jobs for Baulderstone at this plant including pump stations and valve chambers, lime silo, dewatering building, UV control, odour control and several other structural jobs requiring inspection, design and certification.
- **Water Supply Upgrade Project (WSUP), Rollingstone** - Formwork inspections for concrete tanks.
- **Douglas Water Treatment Plant Upgrade** – This involved projects such as:
 - Modification to support steelwork, mezzanine floor for the chemical storage room.
 - Structural review and design for upgrade to water testing laboratory.
 - Wall opening in fluoride building.
- **Black River Water Supply** - Involving the preparation of design plans and specification for construction of the required water main.
- **Cloncurry Water Supply Upgrade Stage 1** - Review of capacity and condition of existing water treatment plant, raw water main, distribution mains, reticulation mains and reservoir storage capacity. Our commission also included a preliminary assessment of the ability of Council's future capital works program to deliver any required infrastructure upgrades within a five to seven year period.

- **Cloncurry Stage 1 Water Supply Treatment Upgrade -** Design and documentation of trunk main upgrade and water treatment plant upgrade.
- **Design and documentation of sewage pumping stations –** The following sewage pumping stations were involved:
 - Station No. 37A Chelsea Place, Condon.
 - Station No. 13G Riviera Circuit, Kirwan.
- **Construction of new sewage pump station at Station Street, Cloncurry –** Design and documentation of a new sewage pumping station.
- **Townsville Water Upgrade Program, Mt St John Treatment Plant –** The project included:
 - Pump stations and valve chambers.
 - Outlet structures for UV control and odour control.
 - Dewatering building – polymer dosing area.
 - External pavement design and stormwater drainage design for storage shed.
 - Skillion roof over RE pumps.

GROGAN RICHARDS, Brisbane
Senior Structural Engineer 2002 - 2003

- Structural design and documentation of a six (6) storey extension to an existing 14 storey building at Melbourne Hallmark Apartments. This project won in the category Best Contribution to Sustainable Development Large Scale in the 9th City of Port Phillip Design and Development Awards 2007.
- Design verification of post tensioned footings for Challicum Hills Windfarm (\$76M).

PRICE & MYERS, London
Structural Engineer 2000 – 2002

LCJ ENGINEERS PTY LTD, Townsville
Design Engineer 1999 – 2000

CONNELL WAGNER, Mackay
Structural Engineer 1995 – 1999