

Isles of Newport

Redcliffe | Brisbane



Scope of Works

Isles of Newport is a large, 144 hectare residential and commercial development bringing around 2,000 dwellings to the Redcliffe Peninsula. The centrepiece of the development is a 22-hectare, 2,000,000 cubic metre shared communal lake with access to Moreton Bay through a lock and weir system.

Since December 2015, Shadforth have completed approximately 2.5 million cubic metres of earthworks, with 1.6 million cubic metres coming out of the lake excavation. On average, 55 machines and 105 people are working onsite each day. As at June 2019, we have completed \$135million worth of earthworks and civil construction.

To date, Shadforth have completed the following at Isles of Newport:

- Completed 42 civil stages
- Moved 3.02 million m³ of dirt
- Completed 2,498m revetment wall including terrace steps
- Placed 100,833m² of asphalt
- Installed 848km of wicks
- Treated 775,000m³ of acidic marine clay
- Relocated 900,000m³ of preload
- had up to 210 workers and 105 machines onsite during peak times
- Construction of wetland drainage corridor
- Relocation of fish and dewatering of existing canal.

Project Overview

Client

Stockland

Start Date

November 2015

Completion Date

Ongoing

Contract Sum to Date

\$135 Million

Shadforth Team

Construction Manager

Stuart Dodunski

Project Manager

Darrin Dodunski

Project Engineer

Hayden Fitzpatrick, Alex Hopley & Thomas Leech

Site Supervisors

Ryan Featherstone

Safety Manager

Clayton O'Connell

Quality Assurance

Thomas Leech

Environmental Officer

Clayton O'Connell

Project Particulars

- Management of acid sulphate soils
- Working immediately adjacent to RAMSAR wetlands, Jabiru Canal and Moreton Bay
- Development of construction strategies for client cost saving and to assure program delivery
- Modifying construction plans and methodologies to adapt to stage delivery plan changes
- Onsite water management
- Tight construction timeframes to meet client settlement requirements
- Using 58,000m³ site sourced material as CBR15 road subgrade replacement as a client cost saving initiative
- Implementing remove and replacement of marine mud layer as an alternative of preload and wicking design to economise and assure program for client.

