Bowen Boat Harbour Entrance

Extension of Eastern and Western Breakwaters

Distributing Material

Location – Completed Project

Location: Bowen Boat Harbour Channel

> "Your construction of the new rock walls to improve the harbour entrance and safe use of the Bowen Boat Harbour is to be congratulated and the provision of the lighted pathway also adds to the Bowen community amenity for us all."
>
> - NQCYC Marina Association

Excavator Used to Build Structure

Incorporated Footpath

Staff Experience

CEO – 18 years experience working with Hillery Group
Ops Manager – 30 years on similar projects, 5 years on multiprojects
Project Manager – 20 years experience in civil construction

Achievements

- Incident free project
- Worked against elements to provide optimal results
- All materials to high specification
- Increased safety of Bowen Boat Harbour
- Preservation of marine habitats
- Accessibility for locals

Client: Department of Transport and Main Roads
Contract Period: September 2019 – February 2020
Contract Value: $3.5 million

Project Scope:

Hillery Group provided all plant, equipment, labour and materials for both the eastern and western rock breakwaters constructed at Bowen Boat Harbour. The construction of the breakwaters will reduce incoming wave energy through the harbour's entrance, therefore increasing the safety and tranquillity of the harbour and the vessels within it. A footpath, lighting and navigation structures were also included into the design to give more accessibility to the community.

Hillery Group sourced all rock material from the Hillery Group quarries. They are tested to resist erosion and disintegration from air, seawater, temperature extremes and climatic factors, such as tides, waves and cyclones. These materials were free of chemical impurities and physical characteristics that could result in breakdown, therefore improving the quality, safety and longevity of the structure.

Each stage of works was completed on time as required due to the limits imposed by tide cycles. As a part of working in a marine environment, the safety of marine life was a priority, ensuring there was minimal disturbance to natural habitat and no harmful chemicals were used