

Sand Bypass System Jetty Upgrade

The Gold Coast Waterways Authority is upgrading the Sand Bypass System Jetty to ensure the ongoing operation and maintenance of the Sand Bypass System. The System maintains safe navigational access to the Gold Coast Seaway.

Built in 1986, the Gold Coast Sand Bypass System plays an integral part in keeping the entrance to the Gold Coast Seaway safe and navigable. The system pumps at least 500,000 cubic metres of sand every year to ensure the Seaway entrance remains clear.

The Gold Coast's multi-billion-dollar tourism, recreational and marine industries rely on the safe access to the Seaway and the waterways supported by the Sand Bypass System.

The ten jet pumps on the jetty require frequent maintenance which can only be undertaken when lifted from the sea floor with a crane positioned on the jetty deck.

To ensure this maintenance continues effectively, GCWA needs to upgrade the width of the jetty near each pump for the crane to continue to safely operate. Additionally, extra structural beams will be installed beneath the deck.

PROJECT LOCATION

The Spit, Main Beach

KEY DETAILS

Planned Investment:
\$3,350,000.00

Est. Construction Start:
October 2019

Est. Construction Completion:
September 2020

Current Status:
Construction

CONTACT

Gold Coast Waterways Authority

07 5539 7350
mail@gcwa.qld.gov.au

Project benefits and impacts

BENEFITS

- Ensures the continued safe operation of the Sand Bypass System
- Maintains safe navigational access to the Gold Coast Seaway

IMPACTS

- The jetty will be closed to the public during construction for safety
- At certain periods during construction, public access on the beach beneath the jetty will be restricted
- On occasion, services on the jetty such as power and water may be interrupted

Sand Bypass System Fast Facts

- The Sand Bypass System (SBS) was commissioned in 1986
- It was the world's first Sand Bypass System
- \$50 million was invested in the Sand Bypass System
- Since operation began, more than 18 million cubic metres of sand has been pumped through the system
- At least 500,000 cubic metres of sand is pumped each year
- 100-kilowatt solar array generates enough electricity to meet the daytime needs of the SBS

