

Project: **Tallebudgera Creek Dredging - 2017**

Principal:

Gold Coast City Council

Location:

Tallebudgera Creek & Burleigh Beach, Qld

Contract Value:

approx. \$350,000

Completion Date:

September 2017



Tallebudgera Creek Dredging & Burleigh Beach Nourishment – 2017

Neumann Contractors have once again been engaged by the Gold Coast Council to undertake the dredging of Tallebudgera Creek for 2017. These works are part of a 4-6 year contract with the Gold Coast City Council for dredging and beach nourishment works at both Tallebudgera and Currumbin creeks.

Neumann Contractors have undertaken the dredging works in Tallebudgera Creek for many years now, and the works are an integral part of the Gold Coast City Council's program to maintain and replenish the sand on Gold Coast beaches. This year over 26,000 m³ of clean sand was dredged from the Tallebudgera Creek to replenish the sand on Burleigh Beach. The sand is pumped overland and released in the southern end of Burleigh Beach, near the Burleigh Beach Pavilion and spread up to 350m northwards.

The Nu Enterprise, a 250mm Cutter Suction Dredge, a land based booster pump and up to 1.8km of pipeline were used to complete the works.



Scope of Work

- Mobilisation to site at Tallebudgera Creek the Nu Enterprise, a 250mm cutter suction dredge, 1 booster pump, 1.8 km`s 250mm poly pipeline. The pipeline is mobilised around the Gold Coast highway on Burleigh Hill.
- Dredging of over 26,000m³ of sand from Tallebudgera Creek.
- Pumping the sand through 1.8km of pipeline to Burleigh Beach.
- Beach nourishment works along approximately 250m stretch of Burleigh Beach.

Challenges

- Strict environmental limitations on noise and turbidity.
- Maintaining suitable access for the public at all times and working on very busy beaches which must have public access open at all time.
- Mobilising and demobilising the dredge pipeline on the main road 4 lane highway at Burleigh Hill.



Dredge	Nu-Enterprise – Cutter Suction Dredge	
Length	18 m	Gross Weight 32 tonnes
Pipe Dia.	250 mm	Digging Depth 1.2 – 6.0m

