

Sanctuary Cove Body Corporate Harbours 2020



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Australasian Marine Associates (AMA) have recently completed the maintenance dredging of the entrances of harbours two, three and four at Sanctuary Cove for the Body Corporate.

The scope of work involved dredging a number of harbour entrances from the Coomera River navigation channel into each of the harbours in Sanctuary Cove. AMA completed a Dredging and Dredge Material Placement Management Plan as well as all of the sediment investigations and habitat surveys, whilst assisting the Sanctuary Cove Principal body corporate with obtaining the necessary Environmental Authority (EA) for dredging of the harbours.

The project dredge volume was relatively small, however the dredge cuts extended beyond the tenure of the Body Corporate out in the state waters of the Coomera River. This required AMA to work diligently with the state government (DES and SARA) to satisfy the statutory permitting requirements for securing a Development Permit (Material Change of Use & Operational Works - Dredging) and the Environmental Authority. There were many stakeholders, including Gold Coast Waterways Authority, with whom AMA managed input from to achieve the desired outcomes.

A key aspect of the permitting was efficient and cost effective placement of the dredge material. Prior to engaging AMA, the client was considering adopting a time consuming and expensive offsite dredge material disposal. Alternatively, AMA determined that there were several locations within the existing Body Corporate system that could accommodate the dredge material from the entrances. This approach was adopted and following placement in these deeper areas, AMA also undertook bed levelling of the areas. The client was very satisfied with this approach and overall outcome of the project.

AMA also completed the water quality monitoring in accordance with the EA permit requirements. The dredging works were undertaken using a backhoe dredger with a total of approximately 6,000m³ of material dredged.

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