

Salt Cay Barge Landing Environmental Impact Assessment

Salt Cay, Turks and Caicos Islands

Services Rendered

- Terms of Reference Negotiations
- Environmental Impact Assessment
- Mitigation Planning and Design
- Flushing Analysis
- Coastal Engineering Recommendations
- Coastal Engineering Conceptual Design

Project Summary

ATM provided environmental impact and related services associated with the proposed government barge landing and jetty on Salt Cay, Turks and Caicos. The government is developing a public barge landing to service the island of Salt Cay. ATM worked with the government to develop the conceptual design and coastal engineering technical justification for the project elements.

ATM completed the development of the Terms of Reference for the Environmental Impact Assessment in conjunction with the Turks and Caicos Department of Coastal and Environmental Resources (DECR). The Terms of Reference identified the critical issues of potential impact from the project and mitigation plans that would be required.

In preparation for the environmental impact analysis, ATM reviewed existing site bathymetric and topographic data, recommended changes to the original project design to reduce marine impacts and costs, and provided guidance to government staff for mitigation of structural impacts to upland historic buildings.

Subsequently, ATM reviewed the proposed barge landing and associated jetty project for potential environmental impacts to the cultural resources of the project site and marine and terrestrial environment. The project was also reviewed to anticipate construction and operational impacts.

ATM completed the impact assessment and provided mitigation guidelines that outlined a program to minimize potential impacts from the proposed project. The environmental impact assessment was developed in close coordination with the DECR and the government Department of Physical Planning.

