

# CocoCay Infrastructure, Bahamas



construction

Coastal Systems International Inc. provided engineering design, project management and construction administration for the infrastructure of CocoCay cruise destination. Specifically the \$1.1 million project included civil works, sewage treatment plant, reverse osmosis plant, electrical power generation, incineration and fuel handling. A distribution system for the above system including all underground utilities and service connection was also part of the scope of design services.

Lastly, Coastal Systems developed the new infrastructure in accordance with the client's master plan by assembling and directing an international team of subconsultants. The design process was sensitive to the uniquely vast island environment and emphasized responsible management of the environment. This project will reclaim water from sewage treatment processes for reuse. All fuel handling for the project was specified as double wall containment including flexible underground piping.

Throughout the design process the use of local methods of construction and building materials was desired to facilitate construction of the project.

During construction Coastal Systems was under contract to provide construction administration support.



Underground Utilities Installation



Services Infrastructure under Construction

<b>Client:</b>	Royal Caribbean International
<b>Location:</b>	Little Stirrup Cay, Bahamas
<b>Date of Completion:</b>	2003
<b>Construction Cost:</b>	\$6,000,000

