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The Ionics Brand Means High Quality Potable Water Solutions

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The Problem:

Ensuring Adequate Water Supplies at a Leading Caribbean Resort Hotel

Curtain Bluff is one of the premier resort hotels in the Caribbean, catering to clientele seeking elegance, unparalleled service and amenities, and a breathtaking location. The resort's reputation is tied to consistently delivering upon its clientele's expectations -including the expectation that water supplies will be plentiful. Yet, throughout the Caribbean, inadequate drinking water supplies are a reality due to inconsistent municipal supplies, well water contamination due to seawater intrusion, drought and other natural events such as hurricanes.

The Solution:

Ionics Hassle-free Build, Own and Operate Water Desalination Facilities

Throughout the Caribbean's hotel industry, *The Ionics Brand* means high quality potable water solutions.



At Curtain Bluff on the island of Antigua and at hotels on several other Caribbean islands, Ionics designs, builds, owns and operates reliable, hassle-free seawater desalination facilities employing state-of-the-art membrane-based technologies such as [reverse osmosis \(RO\)](#). Our qualified local staff of water experts is available seven days a week to ensure that water is one thing that hotel operators simply do not have to worry about.

With Ionics Aqua Design's expertise in financing, building, and operating water desalination facilities throughout the Caribbean, resorts like Curtain Bluff can focus on what they do best -providing their guests with carefree, elegant vacation retreats.

End-user:	Curtain Bluff Resort
Location:	Antigua, West Indies
Commissioned:	August, 1992
Application:	Potable water
Feedwater Source:	Seawater wells
Feedwater Quality:	38,000 ppm TDS

Product Quality: < 500 ppm TDS; Meets World Health Organization (WHO) Drinking Water Standards

Capacity: 24,000 US gpd

Technology: [Seawater Reverse Osmosis \(RO\)](#)

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