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Saint Lucia - U.S. Virgin Islands

The beautiful beaches of St. Lucia are a refuge for many looking for a vacation from daily life. The island is home to deep water ports for endless water activities and spectacular views that include mountains and rain forests. The BodyHoliday LeSport Resort located on the northwest tip of the island is committed to providing guests with the ultimate vacation experience. It is also committed to sustaining and protecting the beauty and natural wonders that bring people back year after year. Part of this philosophy meant upgrading their wastewater treatment and disposal system.

The technology selected for this upgrade was Quanics' AeroCell® System. This was chosen due to its modular design, ease of installation, low maintenance cost and superior wastewater treatment.

Wastewater from the resort flows to a lift station and from there is pumped to an existing 30,000-gallon concrete septic tank. The effluent then goes to a 30,000-gallon fiberglass tank equipped with 2 duplex pump systems that serves as a recirculation and dosing tank for 6 ATS-16-AC AeroCell® modules. After passing through the open cell foam media, 80% of the effluent is routed back to the dosing tank for further treatment. The remaining 20% is treated with UV disinfection and sent to a holding tank where it is then used to irrigate the golf course and resort property. This is especially important on an island with limited amounts of fresh water.

While the guests at The BodyHoliday LeSport resort are enjoying their pampering by the attentive staff, the resort is protecting the sensitive and beautiful environment surrounding them.



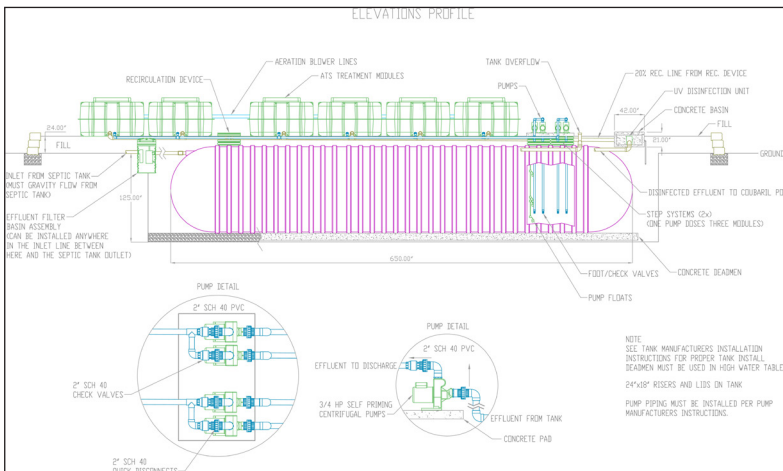
Recirculation Device



Pumps



Aeration Blowers



Treatment Modules