

Aquastore Rehab Wastewater Treatment Plant for Margaritaville in St. Thomas, U.S. Virgin Islands

Authorized Aquastore Dealer, Florida Aquastore designed and constructed an 80,000 GPD wastewater treatment plant (WWTP) for Marriott Renaissance Resort (NKA Wyndham Margaritaville) in St. Thomas, U.S. Virgin Islands in 1999. Margaritaville requested that Florida Aquastore provide a cost effective solution to return the plant to its peak operating performance.



Florida Aquastore's Director of Wastewater Chris Sullivan

noted that the "Aquastore glass-fused-to-steel treatment tanks installed in 1999 were in excellent condition. Our team performed some minor preventive maintenance that will ensure that the Aquastore system provides exceptional future performance."

Aquastore tanks feature an inert glass-fused-to-steel coating that never needs recoating or repainting and again demonstrated why the Aquastore glass-fused-to-steel tank system is the premier storage technology for aggressive wastewater applications. By utilizing the existing Aquastore storage tanks, the client saved hundreds of thousands of dollars!

Aquastore's wastewater team upgraded/replaced the existing pumps, blowers, piping, snap diffusers, clarifier internals and tertiary filter. Florida Aquastore's was pleased to provide a cost-effective solution to Margaritaville returning the plant to its originally commissioned flow rate of 80,000 GPD. Florida Aquastore is uniquely positioned to offer any level of wastewater treatment service needed. From the supply and installation of glass-fused-to-steel treatment tanks to turnkey design-construct treatment plants to plant inspections and rehab, Florida Aquastore's team of experts will work closely with owners to lower costs, expedite deliveries and minimize owner risk with sole source responsibility!

Benefits of CST's Aquastore® glass-fused-to-steel tanks:

- No painting for life of tank
- Will not corrode or rust
- Lowest total life cycle cost compared to concrete & welded
- Turnkey services from approval drawings to tank testing
- Faster construction
- No need for cranes or other large equipment for construction
- Expandable
- Interior & exterior easily cleaned

- Tank can be easily relocated
- Available in diameters from 11 feet (3.3 m) to 204 feet (62.2 m) and capacity from 20,000 gallons (75 cu m) to over 6 million gallons (22,700 cu m)
- Specific tank designs, options and accessories to meet customer needs
- Industry best warranty
- White interior coating
- Multiple color options
- Authorized network of local Aquastore Dealers for convenient service and support

OptiDome® geodesic aluminium domes are the preferred cover solution for any storage application. Aluminum dome structures are superior to other cover designs of alternate materials due to: corrosion resistance, low life-time maintenance cost, clear-span capability, fast and low cost construction and design flexibility.

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