

## Anaerobic Digesters by Tank Connection

*When it comes times to select an expert in digester tank designs, manufacturing and field installation, the leaders in biogas storage systems turn to Tank Connection for their RTP (rolled, tapered panel) bolted tank design coated with LIQ Fusion 7000 FBE™. Tank Connection's anaerobic digester tank designs remain unmatched in the industry worldwide.*



### Project Specifications

**Project Name:** Diageo St. Croix

**Client:** Biothane (Division Veolia Water)

**Application:** Biogas Production Facility

**Storage Type:** Anaerobic Digesters

#### Tank Sizes:

(3) Reactors – 136' diameter x 40' ht.  
Gallons ~ 4,000,000 gallons

(1) Effluent Buffer Tank – 39' x 27'  
Capacity ~ 127,000 gallons

(1) Equalization Tank – 47' x 32'  
Capacity ~ 406,000 gallons

(1) Post Aeration Tank – 30' x 29'  
Capacity ~ 120,000 gallons

**Location:** St. Croix, USVI

**Project Details:** Biothane was selected for construction of a wastewater facility in support of a distillery in St. Croix. The large reactors utilize a base setting ring (BSR) design and will be fitted with a floating membrane cover when completed. The effluent buffer tanks utilize a BSR and are designed to accept a double “gas holder” membrane cover. Equalization tank utilizes BSR design and is open top. Post aeration tank utilizes BSR design and steel pressure deck design supplied by Tank Connection.

Tank Connection was selected by Biothane for their advanced RTP (rolled, tapered panel) bolted tank design which features exact manufacturing tolerances and the top rated LIQ Fusion 7000

FBETM coating system available in the industry today. Tank Connection also provides complete turnkey field installation service, utilizing a synchronized, hydraulic screw jack process, which allows field crews to install liquid storage tanks at grade level.

Tank Connection's manufacturing tolerances, LIQ Fusion coating system, engineering capabilities, top rated field construction services and their innovative pressure deck designs are just a few of the factors that make TCAG the engineers choice in storage treatment tanks.

**About TCAG:** In storage containment applications, Tank Connection engineering is recognized as a global leader. TCAG is the only tank supplier worldwide that designs, manufactures and installs all four types of steel storage tanks including bolted RTP, field-weld, shop-weld and hybrid tank designs for industrial liquid storage. Their precision RTP (rolled, tapered panel) construction is the #1 bolted tank design selected worldwide. The best features of bolted and field-weld tank construction have been combined together in the RTP design. It remains unmatched in the industry in all category ratings.

LIQ Fusion FBETM coating system is NSF 61-approved and is unmatched in performance compared to all bolted tank coatings. LIQ Fusion 7000 FBETM is a stronger system than "porcelain enamel/glass" for industrial liquid storage applications.

For more information about the Tank Connection Affiliate Group, please visit their websites at the following link connections: [www.tankconnection.com](http://www.tankconnection.com); [www.liquidtanks.com](http://www.liquidtanks.com); [www.digestertanks.com](http://www.digestertanks.com).

### **Tank Connection field construction services receives awards . . . recognized as impressive in field construction quality and safety!**

*Tank Connection,*

*Yesterday I had the pleasure of participating in the presentation of Safety Certificates by Diageo to Tank Connections entire crew on the Diageo Island Project. I have had numerous conversations with the Safety Manager and Project Manager for Diageo over the past few weeks regarding the Tank Connections crew. All of the management team have been extremely impressed, as have I, with the way Larry and his crew conduct themselves and perform their work. The crew provides a quality tank in a safe manner and in a clean work area.*

*The entire crew received individual Certificates and Diageo's photographer captured it on film. The crew will also be receiving safety awards and pictures of the presentation by Tony McGinty of the PM Group, the Owners' Engineer, and Boone, the Safety Manager for Diageo.*

*I will add NAWS Caribbean's' congratulations on this accomplishment. It is well deserved, keep up the good work.*

Regards,

*Steve*

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*A Veolia Water Solutions & Technologies Company*

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