

# TRINITY GRANGER-AUSTRIE, EIT

Over 15 years of experience with solving complex environmental issues ranging from waste disposal to pollution compliance.

## PROFESSIONAL EXPERIENCE

### **TYSAM TECH, LLC (St. Croix, USVI)**

02/2018-Present

#### ***Director of Environmental Services***

Partner and Director of all environmental projects for the Environmental Firm. Assisting businesses and government agencies with Environmental Applications, Environmental Permitting (Coastal Zone Management, Air Permit, NPDES/TPDES) and Water Resource Management (H&H Studies, and Water Use Optimization Plans), Environmental Assessments, Waste Disposal, Environmental Compliance, and Energy Use Optimization.

#### Primary Duties:

- Manage project timelines and deliverables
- Liaise between local agencies such as DPNR and client
- Ensure all projects are commissioned in accordance with Federal and Local regulations

#### Major Projects:

- Ongoing Environmental Management at the Diageo USVI Distillery (Air Permit, TPDES, and CZM)-Drove \$800,000 in savings through Environmental Optimization Strategies.
- Ongoing Environmental Engineering Support at the Limetree Bay Refinery and Terminal
- Environmental Management of \$20M upgrades to the Virgin Island's racetracks (two), including all Environmental Permits, Storm Water System Design and Rezoning Process
- Environmental Management for the development of an Asphalt Plant to be stationed in the Caribbean Region. Management includes all permitting (Air Permit, Storm Water, and TFL)
- Environmental Management for the VIALCO Plant Demo (SCRG Site)
- Environmental Management for the development of a Concrete Batch plant Management includes all permitting (Air, Storm Water, TFL and CZM)

### **DIAGEO USVI, CAPTAIN MORGAN PLANT (St. Croix, USVI)**

09/2012-04/2018

#### ***Risk Manager (Environmental, Health, Safety and Security)***

04/2014-04/2018

#### ***Risk Team Lead (Environmental, Health and Safety)***

10/2013-04/2014

#### ***Environmental Compliance Specialist***

09/2012-10/2013

- Pioneered and sustained the Environmental Management Program in support of the opening of the new Captain Morgan North America plant. This included Coastal Zone Management, Air Permit Development, TPDES (NPDES) Development and alignment with the Virgin Islands Multi Sector General Permit and all necessary Environmental Assessments.
- Originated strategies and managed projects resulting in a 30% improvement in water use efficiency, a decrease in water consumption, and a 28% energy efficiency improvement. Managed the site towards attaining the best water efficiency numbers in the region.
- Created Best in Class Contractor EHS Training Program per Diageo North American Region standards.
- Supervised 12 personnel in the EHSS divisions.

## EDUCATION

B.S. Environmental Engineering,  
University of Florida

B.S. Applied Mathematics  
A.S. Physics  
University of the Virgin Islands

## CERTIFICATIONS

- Certified Engineer-In-Training
- Certified in Management of Change
- Certified Process Hazard Analysis Team Leader
- Certified ISO 9001:2015 Lead Auditor
- Diageo USVI 2017 Sensory Panel Accreditation
- 40 Hour HAZWOPER Certified
- IMDG/CFR-49 Transportation of Hazmat Compliance Safety and Security Certified
- Candidate, Certified Energy Manager
- Candidate, Professional Engineering License

## AWARDS

- ***2016 Excellence in Safety Award*** (Team Award for Successful Behavioral Safety Program Deployment)
- ***2016 Acting Like an Owner Award*** (Team Award for participation in a Productivity Team focused on site sustainability and savings)
- ***2015 Proud of What You Do Award*** (Individual Award for fulfilling corporate core values and dedication to being a responsible citizen)
- ***2015 Brilliant Execution Award*** (Team Award for contributing to the Environmental, Health, and Safety Team on an internal/external regulatory/corporate records audit with no major findings)
- ***2013 Star Performer of the Year*** (For exceptional overall performance)

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## Professional Experience (Cont.)

### UNIVERSITY OF THE VIRGIN ISLANDS

*Adjunct Professor of EHS Course & Process Equipment Course*

12/2012 – 05/2018

### PINNACLE SERVICES LLC (St. Croix, USVI)

*Compliance Consultant for Diageo USVI, Captain Morgan Plant*

01/2011-09/2012

- Established a foundational program based on federally guided implementation plans, data compilation, building management systems, and permit approval. This program defined and tracked environmental metrics critical to corporate reporting and strategy development.

### UNIVERSITY OF FLORIDA (Gainesville, FL)

*Environmental Engineering Sciences Laboratory Research Lab Technician*

05/2010-12/2010

- Determined the impact of high iodine concentrations in river samples, from Florida's St. Johns River, using UV spectrometry and calibration curves in preparation for potential publication.

### HOVENSA (St. Croix, USVI)

*Industrial Hygiene Assistant (Intern)*

05/2008-09/2008

### DEPARTMENT OF ENERGY (Richland, Washington)

*Nuclear Research Technician (Co-Op)*

05/2007-09/2007