



***Update on the Status of the Region's Ocean Outfalls & Next Steps  
Infrastructure Funding Update***

**Special Guests**

**Roy Coley, MBA  
Director, Miami-Dade Water and Sewer Department**

**Kevin Carter, MS  
Assistant to the Director  
Broward County Water and Wastewater Services**

**Vivek Galav, P.E.  
Director, City of Hollywood Public Utilities**

**Proposed**

***"One Region, One Water": A Regional Water Sector Workshop***

## **Roy Coley, MBA, Director Miami-Dade Water and Sewer Department (WASD)**



Roy Coley joined Miami-Dade County on May 17, 2021 as Director of the Miami-Dade Water and Sewer Department (WASD), the largest water and sewer utility in the Southeastern United States. Prior to joining WASD, Roy was the Director of Public Works for the City of Miami Beach, responsible for directing four divisions: Infrastructure, Sanitation, Engineering, and Greenspace.

Since joining the City of Miami Beach in 2015, first as a Public Works Department Infrastructure Division Director and then simultaneously as Assistant Public Works Director, Mr. Coley has been a transformational leader. He led the development and implementation of an employee incentivization plan that has resulted to date in employees obtaining 142 licenses and certifications in water, wastewater, and stormwater operations. He represented Public Works in a group from the region that traveled to the Centers for Disease Control and Prevention to develop mitigation efforts for mosquito transmitted disease. He has been featured in multiple public service announcement videos and news reports providing education to the public on mosquito control/prevention. He led the division's efforts in preparation and response to Hurricane Irma.

Immediately after he began working in Miami Beach, Roy was tasked with responding to historical King Tides. He procured new vacuum trucks to aid the immediate shocks of high waters and developed a strategy where temporary pumps were used to protect the health, safety, and welfare of the lowest lying areas while more permanent measures were being developed.

Roy provides innovative approaches to stormwater management, renewal and replacement of aging drinking water and wastewater infrastructure, streets, and street lighting. He believes Public Works is the backbone of any city and instills a "working for you" approach in all divisions when dealing with residents, and businesses.

Roy has more than 20 years of experience in water resources operations and maintenance. He is licensed by the states of Alabama and Florida in water and wastewater treatment. He has six certifications from California State University College of Engineering, Sacramento in various water resources treatment and management fields. He holds a Bachelor of Arts degree in Organizational Leadership from St. Thomas University of Miami where he graduated summa cum laud and a Master of Business Administration from Saint Leo University of Florida.

Roy is originally from Alabama and moved to Key West in 2005 to join the Florida Keys Aqueduct Authority (FKAA). He was the Director of Operations responsible for water and wastewater throughout the Keys. After 10 years in Key West, he joined the City of Miami Beach in June 2015.

Roy is passionate about water resources and its preservation. The American Water Works Association (AWWA) requested him to present to their water quality conference in 2010 on his work in Key West,

where he pioneered a new water quality management technique in drinking water systems. His research and case study were published by the AWWA in the technical manual M56 second edition.

Some notable accomplishments are the startup and operations of three reverse osmosis drinking water plants, and five wastewater treatment plant. Four treatment plants under his direction received operational excellence awards by the Florida Department of Environmental Protection for consistently exceeding regulatory requirements. Successfully leading and implementing water privatization efforts between the US Navy/Department of Defense and the FCAA. The water privatization at NAS Key West was the US Navy's first utility privatization and serves as their model for future utility privatizations.

**Kevin Carter, MS**  
**Assistant to the Director**  
**Broward County Water & Wastewater Services**



Kevin Carter has lived and worked with water resources in the South Florida region for over 30 years. Since July 2015, Kevin has been the Broward County Water and Wastewater Services' Assistant to the Director where he focuses on legislative and intergovernmental affairs as well as special projects like grants. He holds leadership positions in statewide water sector organizations such as the Florida Section of the American Water Works Association, Florida Water and Environment Association, and the Florida Water and Wastewater Agency Response Network (FlaWARN). Previously he worked with the South Florida Water Management District (SFWMD) for 7 years and also spent 14 years with Broward County's Department of Planning and Environmental Protection prior to his time at SFWMD. He has a M.S. in marine biology from Nova Southeastern University (1994) and a B.S. in animal science from Ohio State University (1989).

**Vivek Galav, P.E.**  
**Director, City of Hollywood Public Utilities**

Vivek Galav is a licensed professional engineer with more than 25 years of experience in the design, construction and management of water and sewer systems and utilities. He obtained his Bachelor's degree in Civil Engineering in India and Master's from the University of Miami. He is a water and wastewater engineer by choice and his work is his passion and hobby. He has been with the City of Hollywood for just about 2 years and sees many opportunities to serve the City residents as well as other non-city users.



Source: <https://www.mdpi.com/2079-6382/9/3/118/htm>

## Antibiotic Resistance in Marine Microbial Communities Proximal to a Florida Sewage Outfall System

Source: (Griffin, Banks, Gregg, Shelder, and Walker – 11 March 2020)

## **“One Region, One Water”: A Regional Water Sector Workshop**

### **Draft Topics**

Council staff is working with regional water sector leaders to draft an agenda for a “One Region, One Water” water sector workshop, tentatively planned for September 2021. Council staff is seeking Councilmember input on topics to be included on the agenda, which could include, but not be limited to:

- Ocean outfalls
- Water reuse (and potable reuse)
- Deepwater injection
- Advanced water treatment
- Saltwater intrusion of water supply and adaptation
- Septic to Sewer
- Central and Southern Florida Study (C & SF)
- Ecosystems and Water Quality - Biscayne Bay watershed
- Stormwater planning (new 5-year planning state mandate)