



Water Environment Association of Texas

Back to the Basics: Clearing the Air on ARVs May 15, 2019

Attendee Name: _____

License #: _____

Presentation Title: Back to the Basics: Clearing the Air on ARVs

Presenters:

Michael Gurka, P.E. - Project Manager, Conveyance & Transmission Division, Jones Carter

Chris MacDonald - Managing Partner, CPM

Presentation Overview/Synopsis:

1. Learn about ARV's and their purpose in water and wastewater systems. Understand how they work and how to incorporate them into your design.
2. Overview on the various types of ARVs and when they should be considered on a project. Learn helpful tips and tricks in the design phase.
3. Regulatory requirements and industry standards
4. Learn about the components of a good O&M program for maintain ARVs.
5. Overview of assessment techniques and what to look for when determining the condition of ARVs
6. How to troubleshoot ARVs and identify the cause of failure

Area of Interest: Wastewater and/or Water

Presentation Questions:

1. At what locations in pressurized system should ARV be placed?
2. Typical spacing of ARV's in pressurized sanitary sewer force main?
3. What are the 2 primary benefits of ARV's in pressurized system?
4. If installed underground in a vault, what is the most overlooked factor that should be considered?
5. How often should typical sewer air release valves be maintained?