

GENERAL SESSION

OR-OSHA and How They Can Help Make Your Workplace Safer

(Larry Fipps, Oregon OSHA)

The keynote presentation will cover how OR-OSHA can help make your workplace safer through the use of their Consultation and Technical Services. Learn how OR-OSHA can work with the sanitary sewer collections and street maintenance staff to identify opportunities to improve worker safety. This presentation will focus on the equipment and processes workers use.

COLLECTION SYSTEMS SESSIONS

Equip Transportation/Ops Compliance for Sewer Repairs (Sam Dunlap / David Gaffney, Pape Group)

Learn transportation DOT compliance rules for proper machinery securement, size and weight limits and vehicle inspection requirements. Followed by practical understanding and use of machinery used in sewer repairs, having the right equipment of the job, and understanding safety during operation. Take advantage of getting quality education in the classroom, then putting it to use during our hands-on portion of the workshop. 2-hour Class / Class Limit: 20 / Class Fee: \$20

Combination Sewer and Storm Water Trucks (Shawn Patrick, Owen Equipment Co.)

This class will be a general discussion of combination trucks and their equipment in regards to sewer and storm water applications. We will cover types of trucks, styles, uses and history, as well as how they squirt, suck, contain and transport.

Proper Nozzle Selection for Jetting Sewer and Storm (Eric Lundy, Owen Equipment)

In this class we will discuss proper nozzle selection based on application. We will also differentiate the relationship between RPM, GPM and PSI. We will review the different performance and efficiency technologies available in nozzles. In addition, we will talk about safety and proper operations of nozzles.

Sewer Root Control (Dan Lawrence, RootX)

The purpose of the class is to educate and inform the attendee of the different variables of sanitary sewer root control and the methods of attacking the issues that plague our wastewater collection systems. This class will cover sanitary sewer and storm line root intrusion, root growth, root intrusion variables, pipe materials, root control methods, root control chemicals, preventative maintenance, and root control FAQs. *"Pipeline root intrusion is the single most destructive element involved in maintaining a wastewater collection system."* U.S. Environmental Protection Agency.

History of Sewer (Jim Brown, True North Equipment)

This course shares history of sanitary sewer from the 16th century to current systems. The students will acquire a better knowledge and understanding of sanitary sewer basics and new developments. This is an interactive class with student participation.

Resilient Actions for Climate Change Affecting Storm & WW Utilities (Matt Glazewski, Clackamas Co. WES)

This presentation will outline projected climate change impacts in the Pacific Northwest, and then focus on and discuss mitigation and adaptation resilience actions pertaining to stormwater and wastewater utility management in the Pacific Northwest.

Phased Assessment of Sewer Systems (Jim Brown, True North Equipment)

The class discusses a plan for understanding sanitary sewer conditions quicker, and with fewer resources. With costs skyrocketing and budget shortfalls, this class discusses a basic plan for using different types of equipment for assessing sanitary sewer conditions as well as reducing costs and manpower.