

Preparedness Culture (Les Miller, P.E., Square Knot Preparedness Education and Coaching, LLC)

Does your current Street Maintenance or Water/Sanitary Systems job provide a Culture for obtaining and then sustaining Preparedness for natural and human caused emergencies? Be a part of this class, so you can determine how comfortable you should be when you get back home. You will refresh your memory of a key to sustaining your progress.

Public Vegetated Stormwater Facility Maintenance (Cristine Inglis / Daniel Hunt, City of Eugene)

Class content will look at the realities of maintaining public vegetated stormwater facilities in the right of way. The class will focus on working safely in the right of way, removing and disposing of trash, waste (pet and human), and sediment, as well as trying to balance plant function with aesthetics. We will look at specific examples that show what is working well along with challenges we still are working through.

What Will Make Your Response More Successful (Les Miller, P.E., Square Knot Preparedness Education and Coaching, LLC)

This is a student participation class. It will help both Street Maintenance and Collection Systems students understand what their participation in Emergency Response Preparedness will determine their success in meeting expectations of them. This session will stimulate students desire to investigate and develop ways to practice their individual and crew roles responding to emergencies. They will obtain the insight into their importance in helping develop training, drills and other forms of practice leading to a culture of regular rehearsals and giving entire crews a level of confidence responding to emergencies.

Responding to Sanitary Sewer Overflows (Roger Dilts, CWS)

Waste water permits require response to Sanitary Sewer Overflows. Proper response protects public health, the environment and can help avoid penalties. This session prepares wastewater conveyance staff to respond to Sanitary Sewer Overflows. The training covers regulatory requirements, field response, sampling and reporting to DEQ.

What Are You Looking At - The Toolbox (Avery Wilson, CUES)

In this two-part class, students will enjoy classroom discussion and then move outdoors and will be able to see, and handle the latest in assessment inspection tools for sanitary sewer or stormwater collections pipe system. Static demo will show American designed and manufactured options to complete pipeline assessments. CCTV truck features will be reviewed. 2-hour Class

Building a Case for a FOG Program (Clayton Brown, Western States Alliance)

This presentation gives municipal collection system staff an overview of building a business case for developing and implementing an effective Fats, Oils & Grease (FOG) Abatement Program. We will discuss the data needs, how to gather the data, data management and presentation to protect collection systems from FOG impacts.

Implementing an Effective FOG Program (Clayton Brown, Western States Alliance)

This class gives an overview of the elements needed to help protect the municipal collection and treatment systems from Fats, Oils & Grease (FOG). We will discuss food service establishment identification and outreach, FOG loading estimating, types of pretreatment devices, comprehensive inspections, enforcement and incentives.

Personal Protective Equipment (PPE) (Greg McDonald, Ritz Safety)

Class provides an overview of employer & employee's duties & responsibilities, work place hazard assessment's. Equipment training on: head, eye, face, hand, hearing, respiratory, leg & foot protection as well as hi-vis clothing, focusing on application, use, & required inspection.

Vactor Operation and Maintenance Certification (Greg Read, Owen Equipment)

A Vactor combination truck is used in the maintenance of a sanitary sewer and stormwater system. Attendees will acquire knowledge, both practical and theoretical, concerning the safe operation, basic maintenance and troubleshooting of various aspects of the Vactor 2100i, 2100 Plus or the Classic Series Fan and PD units. Topics covered will be: various nozzles and their usage, water pump, boom functions, vacuum systems, dumping procedure, accessories, winterization and pre-trip inspections. Certificates will be issued upon completion of class. 5-hour Class / Class Limit: 30 / Class Fee: \$50

Useable Operator Math (Tad Blanton, City of Medford)

Useable Math" is designed to start the Operator at the very basic geometric concepts and methodically take them all the way to figuring out volumes, rates, and more. The class pace will be such that no student will be presented with new info until the previous concepts are understood. I like to think of it as "math as it should have been taught in school". 2-hour Class

Excavation Safety and the Role of the Competent Person (Eric Fullan, City of Hillsboro)

Recent trench collapses illustrate the importance of the proper use of protective systems. This class will focus on OSHA's Excavation Standard including proper safe work practices while working in and around excavations, proper soils analysis and classifications and protective systems with added emphasis on the role and responsibilities of the Competent Person requirements. Training Objectives include: Understanding key definitions and terms, Understanding soils classifications and compositions, Protective systems, OSHA's Tables and Charts and the use of Tabulated Data, Safe work practices in and around open excavations, and Understanding the role and responsibility as the Competent Person. 3-hour Class

RapidView IBAK - Pipeline Inspection Equipment (Kyle Secrist, RapidView IBAK)

This outdoor class will provide a walk-around of the RapidView IBAK pipeline inspection camera equipment. Attendees will have the opportunity to learn about High Definition (1080p) CCTV, Lateral Launch with Underground Mapping and 4K Resolution 3D Optical Scanning (mainline and manhole). The demo will showcase the latest technologies used in stormwater and sanitary sewer pipe inspection today.

Managing Vegetated Water Quality Facilities (Tony Gilbertson, Clean Water Services)

Maintenance of water quality facilities is essential to ensure they continue to treat stormwater. This session will review inspection and management of vegetated water quality facilities, highlighting the top 10 most common problems and the solutions to address them.

Top Ten Safety Hazards (Eric Fullan, City of Hillsboro)

This session will focus on common hazards that are getting Public Works Wastewater maintenance and Water workers injured and how to prevent those injuries. We will also be looking at OSHA requirements, Penalties and how this affects increased insurance costs. This class will help maintenance workers be aware of activities they perform, be alert on safety practices and adopt a safe work environment culture. 2-hour Class

811 Call Before You Dig (Jeff Simas, City of Medford)

As collection systems operators we need to be aware of "call before you dig" for any excavating or trenching. 811 is an awareness class for this concept. We will briefly go over the dig laws and the new changes. This interactive two-hour session will provide the opportunity for questions from attendees as they come up with them. 2-hour Class

How to Perform In-House Forcemain Locating (Noah Braukmann, Clean Water Services)

After years of relying on 3rd parties for locating our forcemains when 811 is called, CWS has taken on locating ourselves. The presentation will include designing the forcemain to be easily locatable prior to installation, CWS responsibilities during construction, tips/tricks/tools used for locating when 811 is called.