

New York Rural Water Association's Web-Based Workshop

Tuesday, May 18, 2021 / Wednesday, May 19, 2021

AGENDA

One (1) hour credit will be issued per one (1) hour of instruction – Each one (1) hour block has been approved for Water & Wastewater Credit. Certificate of Attendance will be mailed after verification of attendance.

Tuesday - May 18th

8:00 - 8:45 am - OPENING CEREMONIES Followed by the Annual Business Meeting (NO CREDIT GIVEN)
\$100 cash drawing immediately following the Annual Business Meeting

9:15 - 10:15 am - Excavation Safety - Bob Moody, EJ Prescott - Discussion of Excavation Standards and safety of the workers that work in excavations.

10:45 - 11:45 am - Ethics & Records Management for Water and Wastewater Professionals – John Mancini, NYCOM - This session highlights the more frequently asked questions pertaining to government ethics. Also, the presentation will cover what is public record and the importance of record management.

12:45 - 1:45 pm - Fundamentals of Underground Utility Locating - Jim Flint, Eastcom Associates Inc. This course is to teach the basic theory behind electromagnetic locating, understanding the different functions offered by today's instruments, and how to maximize its use.

2:15 - 3:15 pm - Safe Handling of Chemicals for Water and Wastewater Treatment Personnel - Loren Swears, Slack Chemical Co. Inc. - Discussion will include first-hand knowledge, including mistakes made over the years, to the most common chemicals we encounter.

Wednesday - May 19th

9:00 - 10:00 am - HDPE Pipe Applications with Fusion Procedures - Tracy Guhin, VARI-TECH, LLC The uses of HDPE pipe for water/wastewater and other applications. Discussion entails fusion, applications, various connections. Photo of applications as well as technical information on sizes, wall thickness, pressures and flows. Further discussions on new technologies and new applications combined with advancements in materials.

10:45 - 11:45 am - Chemical Feed Equipment - James Dwyer, ESC Environmental Inc. - We will take a detailed look at chemical feed pumps and discuss how to service and repair them.

12:45 - 1:45 pm - Case Study: City of Waukegan Filtration Plant Improvements - Peter Levorson, Richard Ross, Matt Williams of WesTech Engineering, Inc. - Discussion of water production efficiency before and after the upgrade. Efficiency data will include filter run time, backwash volume per day, rates, duration, and effluent water quality. This presentation will include information on low profile underdrain and air wash systems used in water and wastewater treatment.

2:15 - 3:15 pm - UV Disinfection Class – UV for Water and Wastewater- Mark Koester, Koester Associates, Inc. - The presentation will begin with a general introduction to the use of ultraviolet light for the purpose of disinfection of wastewater and drinking water. A review of the broader experience in applications, the mechanism of UV disinfection, and the issues that affect sizing of UV disinfection systems will be discussed. Characterization of UV system performance in terms of UV light behavior in water, hydraulic considerations, equipment design features and how these features relate to operational issues for both small and large-scale installations will be presented.

3:15 - 3:30 pm - Closing Comments and \$100 cash drawing.