Code:	MO01
Course Title:	NASSCO LACP Codes for Lateral Side and Building Sewer Condition Assessment
Date:	Monday, 5/3/2021
Time:	9:00am-10:00am

Speaker: Jerry Weimer

Jerry Weimer is the Owner of Jerry Weimer Consulting. He worked for the City of Cincinnati, Metropolitan Sewer District (MSDGC), for 30 years in Condition Assessment and Cleaning and created and managed MSDGC's Cross Bore Prevention Program. Jerry is a member of WEF and NASSCO and has been a PACP/LACP/MACP Trainer for 13 years. He leads the Large Diameter Cleaning Work Group for NASSCO's O&M Committee, led the Small Diameter Sewer Cleaning and CCTV Guideline Committees and also leads the Cross Bore Prevention Work Group for the Infrastructure Assessment Committee. In addition to being a member of NASSCO's Technical Advisory Council, Jerry serves on the Board of Directors of the Cross Bore Safety Association and holds a Class 2 State of Ohio Wastewater Collection License.

Code:	MO02
Course Title:	Introduction to Waste Treatment Facilities
Date:	Monday, 5/3/2021
Time:	9:00am-10:00am
Date:	Monday, 5/3/2021

Speaker: Tom Frank

Tom Frank has worked in the family full service onsite business his whole life and is now the owner of the business and responsible for all day to day operations. He has had an active role in helping build the wastewater treatment facility owned and operated by his business. He is the past president of the Ohio Waste Haulers Association and past director of the Ohio Onsite Wastewater Association.

Code:	MO03
Course Title:	Wastewater Disinfection During COVID
Date:	Monday, 5/3/2021
Time:	9:00am-10:00am

Speaker: Neil Carlson

Neil Carlson is the VP of Business Development at Norweco where he brings over 25 years of progressive sales leadership. Neil has spent 23 years in the environmental industry and 3 years in the construction industry with increasing levels of responsibility. Neil has extensive experience with growing new markets and expanding existing footprints. He has owned his own leadership consulting company while also working for private equity companies, Fortune 300 companies and family owned businesses before joining Norweco. Neil is a graduate of Bowling Green State University.

Speaker: Brett Wieber

Brett Wieber is Sales Manager fpr Norweco. He has many years of experience in governmental and private sector work. Brett has been instrumental in obtaining new technology approvals as well as training local and state health departments on various topics related to the wastewater treatment industry. Before joining Norweco, Brett practiced law for 17 years after receiving his JD from the University of Akron. Brett has an undergraduate degree from Bowling Green State University.

Code:MO04Course Title:Maintenance Hole, Pump & Lift Station Structure Rehabilitation TechnologiesDate:Monday, 5/3/2021Time:9:00am-10:00am

Speaker: Dave Badgley

Dave specializes in trenchless pipeline & maintenance hole rehabilitation, odor control & corrosion repair solutions & services. He has 40 years of experience in pipe inspection, maintenance, trenchless construction ranging from 4" to 216" in diameter.

He is a member of the CWEA So. Sections Collection System Committee, APWA GREENBOOK Standards Task Force on Pipeline Rehab. & the ASTM committees F17 on Plastic Piping Systems & F36 Technologies & Underground . Dave was also a member of the WEF Task Force that rewrote the Manual of practice # 6 Existing Sewer Evaluation and Rehab. He won the CWEA California Richard Pomeroy Collection System Person of the Year award in 2014

Code:MO05Course Title:Understanding the Differences and Proper Applications for Submersible Wastewater andEffluent PumpsMonday, 5/3/2021Date:Monday, 5/3/2021Time:9:00am-10:00amSpeaker:Zachary Cooper

Zachary Cooper ia National Sales Managee of Zoeller Pump Company. Starting in an entry level technical support position many years ago, Zach had the opportunity to get very intimate with the Zoeller Company's products. Growing his knowledge in applications, sizing, and troubleshooting the products helped propel him into his future career path in sales. In 2011, Zack became a regional sales manager for Zoeller Company cultivating new relationships with contractors, distributors, reps, and engineers. In January 2020, he took on the role of National Sales Manager and looks forward to continuing to grow and build relationships across the county with all of Zoeller's current and potential customers. Zack has his bachelor of science degree from Indiana Wesleyan University.

Code:	MO06
Course Title:	Equipment Financing Tips for Business Owners
Date:	Monday, 5/3/2021
Time:	9:00am-10:00am

Speaker: Bob Dubow

Bob Dubow has been Vice President, Business Development at Beacon Funding for the past thirteen years. He is a CPA and started his career auditing equipment leasing and financing companies. Over the past 30 plus years, Bob has built a broad range of experience in the equipment financing industry from Accounting to Operations to Business Development. Before joining Beacon Funding, Bob was an entrepreneur for nine years; helping fellow CPAs with their client's equipment leasing and financing needs. He uses a no surprises, fine print or double talk approach in helping business owners understand the benefits of equipment financing as a prudent source of funds to successfully grow their business profit.

Code:	MO07
Course Title:	Access Riser and Lid Safety: Standards and Practice
Date:	Monday, 5/3/2021
Time:	9:00am-10:00am

Speaker: Cory Lyon

Cory Lyon is the East Region Sales Manager at Orenco Systems®, Inc., a wastewater equipment manufacturing firm based in Sutherlin, Oregon. In this role, he oversees sales, product training, and support for engineers, regulators, and contractors in the eastern United States and eastern Canada. A skilled presenter, Cory regularly gives trainings to diverse groups, including regulators, engineers, installers, service providers, electricians, and distributors. Cory holds an Associate of Applied Science degree in civil engineering technology from Umpqua Community College.

Code:	MO08
Course Title:	UV Light- A Valuable Weapon in the Battle Against Pathogens
Date:	Monday, 5/3/2021
Time:	9:00am-10:00am

Speaker: James Cruver

Dr James E. Cruver is the Founder/President of SALCOR Inc., and is the inventor of the widely-used 3G UV unit. Founded in 1978, SALCOR has developed specialized equipment and processes for wastewater disinfection, toxic chemical destruction, and a FDA approved UV system for treating fresh liquid food (juice) products. Dr Cruver has a PhD in Chemical Engineering from the University of Washington, and has over 55 years of experience in water and wastewater treatment, including reverse osmosis, filtration, adsorption, and disinfection. He is the author of 80 technical papers and co-author of a graduate-level textbook on water treatment.

Code:	MO09
Course Title:	Lateral and Building Repair Technologies
Date:	Monday, 5/3/2021
Time:	10:30am-12:00pm

Speaker: Jason Walborn

Jason Walborn has more than 25 years' experience with infrastructure analysis, development and renewal and is currently serving as Granite Inliner's Director of Business Development, covering North America. Prior to Granite Inliner, Jason was the Director of Business Development for a national infrastructure condition assessment and rehabilitation company, and formerly held sales and operational management positions with infrastructure renewal, engineering and land-surveying companies. Jason successfully launched numerous, innovative programs for infrastructure projects utilizing advanced inspection technologies to augment condition assessment programs. Jason is currently the Chair of NASSCO's Lateral Committee, holding NASSCO certifications in PACP, MACP and LACP. Jason is also a qualifier for contractor's licenses in six states ranging from A-general engineering to pipeline and wastewater systems.

Code:	MO09
Course Title:	Lateral and Building Repair Technologies
Date:	Monday, 5/3/2021
Time:	10:30am-12:00pm

Speaker: Carl-Marc-Aurèle

Carl is a Chemical Engineer and Vice-President at Formadrain Inc. He is involved in all aspects of the business such as field operations, R&D and sales and has been in the Trenchless and No-Dig technologies field for over 10 years and has vast hands-on experience. He is also co-chair of the Lateral Committee at the National Association of Sewer Service Companies (NASSCO) and will be presenting on behalf of the committee.

Speaker: Tom Ferrero

Tom grew up in a family owned full service septic system company which eventually empeding about 40 people who designed, built, pumped, and repaired onsite wastewater treatment systems. He developed, and continues to use daily, a technical process which pretreats septage prior to introduction of the liquid faction into a municipal sewage collection system and landfills the solids. He is working on beneficial uses of the solids on farmland, reclamation sites, landscaping applications, etc. He has held positions in the septage industry Associations on a National, State, and local level, with NOWRA, the National Association of Wastewater Technicians, Inc.(NAWT) and the Pennsylvania Septage Management Association (PSMA).

Code:MO10Course Title:Necessary Products to Start a Wastewater Treatment FacilityDate:Monday, 5/3/2021

Time: 10:30am-12:00pm

Speaker: James Penner Bio forthcoming

Code:	MO11
Course Title:	Biological Treatment: Overview, Design and Maintenance
Date:	Monday, 5/3/2021
Time:	10:30am-12:00pm

Speaker: James Bell

James 'Jim' Bell, Executive Vice President (retired) of BioMicrobics, holds an M.S. in Sanitary Engineering from the University of Missouri and a Master of Business Administration (MBA) from the University of Kansas, and a B.S. in Civil Engineering from the University of Missouri in Rolla, Missouri. Jim has worked for 35 years as a Process Engineer for Smith & Loveless, Inc. designing wastewater treatment systems. In 2008, he joined BioMicrobics as Executive Vice-President to provide process engineering and regulatory expertise. Jim is currently the Past President of NOWRA (National OnSite Wastewater Recycling Association) and the Vice-Chairman of the Joint Committee on Wastewater for the NSF, which develops the NSF standards for small onsite wastewater treatment systems. He is also an active member of the Small Community Committee for WEF (Water Environment Federation) and is an active member of the Captains of Industry (COI) - an affiliate organization of the State Onsite Regulators Alliance (SORA).

Code:	MO12
Course Title:	Portable Sanitation and Special Events
Date:	Monday, 5/3/2021
Time:	10:30am-12:00pm

Speaker: Karleen Kos

Karleen Kos has been the Executive Director of the Portable Sanitation Association International (PSAI) since 2014. Under her leadership the organization has introduced a Code of Excellence for the portable sanitation industry, developed a series of training courses on portable sanitation-specific topics, updated industry standards and participated in global standard-setting activities, modernized the Association's certification programs for portable sanitation professionals, and oversaw the Association's efforts to evolve the industry. Karleen writes articles on industry-specific topics for Association Insight, the PSAI's newsletter for Members, and she is a regular contributor to PRO Magazine. Her long career in nonprofit organizational leadership has provided Karleen many opportunities to develop conference content and to serve as a trainer. She holds masters degrees in counseling and business administration, and she is a certified association executive. She will be joined during this training by one or more portable sanitation operators who routinely implement the topics we will cover into their business practices.

Code:	MO13
Course Title:	Recycling Machines and Combination Unit Applications
Date:	Monday, 5/3/2021
Time:	10:30am-12:00pm

Speaker: Matt Pyland Bio forthcoming

Speaker: Dan Weber Bio forthcoming

Code:	MO14
Course Title:	Submersible Pump Designs, Applications, Pump Sizing, and Best Practices
Date:	Monday, 5/3/2021
Time:	10:30am-12:00pm

Speaker: Zachary Cooper

Zachary Cooper ia National Sales Manager of Zoeller Pump Company. Starting in an entry level technical support position many years ago, Zach had the opportunity to get very intimate with the Zoeller Company's products. Growing his knowledge in applications, sizing, and troubleshooting the products helped propel him into his future career path in sales. In 2011, Zack became a regional sales manager for Zoeller Company cultivating new relationships with contractors, distributors, reps, and engineers. In January 2020, he took on the role of National Sales Manager and looks forward to continuing to grow and build relationships across the county with all of Zoeller's current and potential customers. Zack has his bachelor of science degree from Indiana Wesleyan University.

Code:	MO15
Course Title:	Asset Protection, Tax Reduction and Estate Planning
Date:	Monday, 5/3/2021
Time:	10:30am-12:00pm

Speaker: Larry Oxenham

Larry Oxenham is one of America's top asset protection experts, having helped thousands of professionals achieve financial peace of mind by teaching them how to properly structure their assets for lawsuit protection and tax reduction. He has authored and co-authored several articles and books on the subject including The Asset Protection Bible. His career has been credited with helping thousands of people save millions of dollars. Larry Oxenham is a nationally recognized speaker who has trained thousands of professionals at hundreds of conventions, conferences and seminars across the country.

Code:	MO16
Course Title:	How Hydro-Jetters Really Work to Clean Service Lines
Date:	Monday, 5/3/2021
Time:	10:30am-12:30pm

Speaker: Steve "Jonesie" Jones

Steve "Jonesie" Jones of JETTERS NORTHWEST has over 30 years in the industry, working with Hydro-Jetters & all types of High-Pressure Cleaning systems since 1989, when he first joined JNW's parent company Seattle Pump & Equipment. With experience as a Repair-Service Tech, Custom-Equipment Design/Sales, Field-Sales, and the last 15+ years in design & sales of the JETTERS NORTHWEST line of equipment, Jonesie is uniquely qualified to talk about Hydro-Jetters as a High-Pressure Pumping System and how to get the most out of the investment in the "Service Jetting" industry.

Code:	MO17
Course Title:	Laterals and Grouting
Date:	Monday, 5/3/2021
Time:	1:00pm-2:30pm

Speaker: Marc Anctil

Marc has been with Logiball (inflatable pipe plug & injection packer manufacturer) since 1994 and currently serves as president. Marc has been involved with the development of ASTM standard practices for application of chemical grouts for infiltration control in sewers, has given numerous presentations on the subject, has participated actively in NASSCO (National Association of Sewer Service Companies) as committee, chair,

Board member, past President, and currently serves as committee chair for the Infiltration Control Grouting Committee. Marc has been actively involved in training at the Municipal Sewer Grout Schools since 2005, training over 500 participants.

Speaker: John Manijak

John is based in Chicago, IL and is currently Director of Training and Technical Services for the Pipe Services division of Michels Corporation. He has 27 years of experience in the Water/Wastewater Industry and received the Illinois Golden Manhole Award in 2015. John serves on many industry committees including the NASSCO Manhole Committee and the Infrastructure Assessment Committee. He also is the Co-Chair for NASSCO's Infiltration Control Grouting Committee.

Code:	MO18
Course Title:	Federal DOT Regulations and the Wastewater Industry
Date:	Monday, 5/3/2021
Time:	1:00pm-2:30pm

Speaker: Sgt. Roger Dickison Bio forthcoming

Code:	MO19
Course Title:	Non-Concrete Tank Installation and Buoyancy Control 101
Date:	Monday, 5/3/2021
Time:	1:00pm-2:30pm

Speaker: David Lentz

Dave Lentz manages Infiltrator Water Technologies' government affairs department, with responsibility for regulation of the company's effluent dispersal, tank, and treatment product lines. Nationally, Infiltrator is involved in rulemaking, legislation, and industry standards development supporting the onsite wastewater treatment system industry. Dave has over 25 years of experience related to soil and groundwater systems. He holds a Bachelor's degree in structural engineering and a Master's degree in geotechnical engineering, and is a licensed professional engineer.

Speaker: Bruce Stowe

Bruce Stowe manages Roth's Technical Department and is responsible for Roth's technical sales support, product documentation development and revision, product approvals and listings. Bruce also participates in National Standards and Codes development. Roth Global Plastics manufactures blow-molded HDPE waste and fresh water tanks and accessories, fuel and lube storage tanks and hydronic radiant and snowmelt systems. Bruce holds a Bachelor's degree in Business and Public Management.

Code:	MO20
Course Title:	Evolving an Industry: The Opportunities Presented by COVID-19
Date:	Monday, 5/3/2021
Time:	1:00pm-2:30pm

Speaker: Karleen Kos

Karleen Kos has been the Executive Director of the Portable Sanitation Association International (PSAI) since 2014. Under her leadership the organization has introduced a Code of Excellence for the portable sanitation industry, developed a series of training courses on portable sanitation-specific topics, updated industry standards and participated in global standard-setting activities, modernized the Association's certification programs for portable sanitation professionals, and oversaw the Association's efforts to evolve the industry. Karleen writes articles on industry-specific topics for Association Insight, the PSAI's newsletter for Members,

and she is a regular contributor to PRO Magazine. Her long career in nonprofit organizational leadership has provided Karleen many opportunities to develop conference content and to serve as a trainer. She holds masters degrees in counseling and business administration, and she is a certified association executive.

Code:	MO21
Course Title:	Trenchless Pipeline Rehabilitation Overview
Date:	Monday, 5/3/2021
Time:	1:00pm-2:30pm

Speaker: Dave Badgley

Dave specializes in trenchless pipeline & maintenance hole rehabilitation, odor control & corrosion repair solutions & services. He has 40 years of experience in pipe inspection, maintenance, trenchless construction ranging from 4" to 216" in diameter.

He is a member of the CWEA So. Sections Collection System Committee, APWA GREENBOOK Standards Task Force on Pipeline Rehab. & the ASTM committees F17 on Plastic Piping Systems & F36 Technologies & Underground . Dave was also a member of the WEF Task Force that rewrote the Manual of practice # 6 Existing Sewer Evaluation and Rehab. He won the CWEA California Richard Pomeroy Collection System Person of the Year award in 2014

Code:	MO22
Course Title:	Basic Electrical Theory/Troubleshooting Floats & Controls
Date:	Monday, 5/3/2021
Time:	1:00pm-2:30pm

Speaker: Mark McCollum

Mark McCollum has been with SJE-Rhombus for over 25 years, including the last four years as Regional Sales Manager for Western United States where he is responsible for planning, developing and implementing marketing and sales strategies throughout his territory by attending regional trade shows, conducting sales calls and product and technical training. Mark has a long history with SJE-Rhombus starting in production building control panels. He moved into customer service where he was responsible for assisting customers with ordering, servicing and troubleshooting control panels prior to moving into sales. Mark is an active member in the Oregon Onsite Wastewater Association and volunteers on multiple committees.

Code:	MO23
Course Title:	Winning the Fight Against FOG
Date:	Monday, 5/3/2021
Time:	1:00pm-2:30pm

Speaker: Seth Markwood

Seth Markwood is a Sales & Marketing Director who works with sewer districts, restaurant owners, engineers, architects, and plumbing contractors to develop better FOG programs using engineered FOG removal devices for all kitchens. After spending more than a decade in public education and plumbing service management, Seth believes education and training are keys to fighting FOG and protecting local sewer infrastructure. Seth is working internationally to incorporate new technology, practices, and strategic partnerships for a FOG-free future.

Code:	MO24
Course Title:	Successful Marketing & Selling Strategies in the New Virtual Business World
Date:	Monday, 5/3/2021
Time:	1:00pm-2:30pm

Speaker: Suzan Chin-Taylor

Suzan Marie Chin-Taylor is the founder of The TUIT Group, CEO of Creative Raven and Owner/Director of TUIT Infratech Pvt Ltd. Ms.Chin has over 25 years' experience in creating cost-effective, innovative marketing communications solutions to help clients better understand their market, strategically position their organizations, build brand awareness, generate opportunities and develop business alliances. Suzan is an Everything DiSC Authorized Partner, delivering best-selling Everything DiSC tools that unlock the potential of an organization's people, improve working relationships and communication, strengthen management skills, elevate leadership, tackle conflict and create lasting productive and empowering workplace cultures. Some of her current and past clients include manufacturing firms serving the water, wastewater and municipal infrastructure industry as well as plumbing, septic, portable restroom, trenchless technology, and sewer service contractors. Her firms attract a wide range of clients—from fast-track firms that engage her team as an outsourced marketing department to midsize firms that need to improve management skills to international firms that need help with a specific project. Ms. Chin holds a BS Degree in Marketing and an MS Degree in Marketing & International Business. She is a frequent keynote speaker on the subjects of branding, company positioning, content marketing and publicity strategy.

Code:	MO25
Course little:	How Do You Know if a House Service Lateral Passes Inspection?
Date:	Monday, 5/3/2021
Time:	3:00pm-4:00pm

Speaker: Brendan Doyle

Brendan Doyle has over 21 years of experience in sewer evaluation/rehabilitation projects, including the use of trenchless technologies throughout the United States. He serves as BLD's Project Manager for CIPP lateral lining projects in the Northeast Area, as well as overseeing and coordinating the operations of BLD's lateral rehabilitation crews. Prior to joining BLD, Brendan was deeply involved in the rehabilitation industry, involved in the construction, planning, and management of individual projects of various sizes, with total footage evaluated and rehabilitated approaching 4 million feet. Brendan is the Chair of NASSCO's Pipe Rehab Committee leading a number of initiatives, including a revised CIPP specification standard.

Code: Course Title:	MO26 Improving the Logging Process
Date:	Monday, 5/3/2021
Time:	3:00pm-4:00pm

Speaker: Sgt. Roger Dickison Bio forthcomin

Code:	MO27
Course Title:	High Strength Wastewater
Date:	Monday, 5/3/2021
Time:	3:00pm-4:00pm

Speaker: Kevin Sherman

Kevin Sherman has bachelor's degrees in biology and civil engineering, masters degrees in biology and public health and a doctorate degree in oceanography. He has been working in the onsite wastewater field for 33 years. Dr. Sherman has published over 25 papers on various aspects of onsite wastewater systems. Kevin is a past president of the Florida Environmental Health Association and the National Onsite Wastewater Recycling Association. Over his career Dr. Sherman has worked as a regulator, a researcher, an onsite association leader, as a designer, and for multiple onsite product manufacturers. He is currently Director of Engineering and Regulatory Affairs for SeptiTech, Inc. Kevin holds Professional Engineering licenses in seventeen states and is a Diplomate of Water Resource Engineering through ASCE.

Code:	MO28
Course Title:	Safety Leadership: Building an Adaptive Culture
Date:	Monday, 5/3/2021
Time:	3:00pm-4:00pm

Speaker: Christopher Pendergrass

Christopher Pendergrass, CSP, OHST, is a Certified Safety Professional with over 18 years' experience in safety/industrial hygiene, water/wastewater/energy operations, training, emergency operations, hazardous materials response, critical infrastructure protection, and incident investigation/event analysis. Mr. Pendergrass provides practical strategies for deploying effective workplace safety training and safety management systems. As an operationally minded safety professional, Mr. Pendergrass can bridge the oft-perceived gaps between safety policies/procedures and field implementation in a manner that translates into practical solutions and understanding. Mr. Pendergrass' experience in the Cal/VPP STAR program has translated into implementation of successful safety management system solutions throughout both the municipal/government and private sectors.

Code:	MO29
Course Title:	Alternative Pump Controls and Remote Monitoring
Date:	Monday, 5/3/2021
Time:	3:00pm-4:00pm

Speaker: Joe Zimmerman

Joe Zimmerman is OEM Sales Manager for SJE-Rhombus, a leading global supplier of water, wastewater and embedded controls located in Detroit Lakes, MN. Joe's responsibilities include working with OEMs, reps, wholesalers and contractors throughout the United States and Canada. Joe holds a B.S. degree from Bemidji State University (MN) and has over 20 years of sales experience in the water/wastewater industry. In addition to sales, Joe specializes in helping customers find solutions to their needs and product training

Speaker: Jeremy Drinkwine

Jeremy is a Business Development Manager for Primex, a leading global supplier of pump control solutions for residential, commercial, municipal and industrial applications. Jeremy's responsibilities include quoting and designing custom control panels and providing technical assistance to customers. Jeremy has 11 years of experience working with custom control panels for the water/wastewater industry and is currently attending the University of North Dakota to earn his Electrical Engineering and Mechanical Engineering degrees.

Code:	MO30
Course Title:	Don't Miss Those Sales! Hit Post!
Date:	Monday, 5/3/2021
Time:	3:00pm-4:00pm

Speaker: Andrea Booker

Andrea has always worn many hats (many at the same time) but she's always taken pride in having the 'get it done' reputation and can get easily fired up to help out! She is a passionate, committed, servant driven leader who takes pride in leading by example through integrity, encouragement and setting goals with creative plans to achieve those goals. She has two college degrees, various other professional certifications, over 20 years of sales and financial experience combined with an entrepreneurial spirit. Her passion is helping the little guys stand out in a meaningful way. She always says: "Doing business differently means thinking differently and not being afraid to act differently." Based out of her small hometown of Belding, Michigan, her family owned and operated Crossroads Portables, for five years. She recently sold the business to have more time to spend with her family, but she still has the passion to share her knowledge with other portable sanitation owners.

Code:	MO31
Course Title:	How To Burnout Proof Your Organization
Date:	Monday, 5/3/2021
Time:	3:00pm-4:00pm

Speaker: Michael Levitt

Michael Levitt is the founder & Chief Burnout Officer of The Breakfast Leadership Network, a San Diego and Toronto-based burnout media firm. He is an in-person and Certified Virtual Speaker, a Certified NLP and CBT Therapist, and is one of the world's leading authorities in burnout recovery and prevention. He is a Fortune 500 consultant, #1 bestselling author, and host of the Breakfast Leadership Show, a top 200 podcast on iTunes. He is a 2x Top 20 Global Thought Leader on Culture with Thinkers360. Michael is a former Healthcare executive, CIO, and CFO overseeing \$ 2 Billion budgets, so he's seen and done it all.

Code:MO32Course Title:A Systematic Analysis of Siphon Operations and MaintenanceDate:Monday, 5/3/2021Time:3:00pm-4:00pm

Speaker: Veronica Alvarez Bio Forthcoming

Code:	MO33
Course Title:	Health and Safety and Emissions for Laterals and Building Sewers
Date:	Monday, 5/3/2021
Time:	4:30pm-5:30pm

Speaker: Tad Powell

Tad Powell serves as a Senior Associate for Hazen and Sawyer in their Birmingham, Alabama office. He currently serves as a Construction Manager for the Jefferson County Asset Management Program. Mr. Powell earned a BS in Civil Engineering from the University of Alabama at Birmingham. He is a registered professional engineer in Alabama and Georgia. He is NASSCO PACP and ITCP Certified and serves as Chair for the NASSCO Health and Safety Committee. Throughout his twenty-four years of experience, Tad has provided professional engineering services and construction management for numerous municipalities. Tad has also been a Project Manager for a large pipeline rehabilitation construction company.

Speaker: Dennis Pivin

Mr. Pivin has over 25 years of professional experience in safety, health and environmental program development, implementation and management. After his earlier career in the chemical processing industry, he has spent the past 16 years working for Aegion LLC, currently as Vice President for Environmental, Health, Safety and Security (EHS). In this role, he has developed industry leading safety and health programs and management systems that have put Aegion as a global leader in EHS.

Mr. Pivin earned a BS in Biology/Chemistry from MacMurray College. He is a Certified Safety Professional (CSP), an Associate Safety Professional (ASP), a Certified Health and Safety Technician (CHST) as well as a Certified Instructional Trainer (CIT) with the Board of Certified Safety Professionals. He is a Licensed Safety Professional with National Association of Safety Professionals and holds advanced ASSP certificates in Global Safety Management and Risk Assessment. He currently serves on the advisory panel for SIRC (Styrene Information & Research Center), is the Vice President of the St. Louis Chapter of the American Society of Safety Professionals, is a member of the Health and Safety Committee for NASSCO, is an SGE (Special Government Employee) for the OSHA VPP Program, serves on the National Safety Counsel's construction advisory panel, and has recently presented a Symposium on "Styrene exposures in the CIPP Industry" with Waterloo University and The Centre for Advancement of Trenchless Technology.

Code:MO34Course Title:Pre and Post Trip Truck InspectionDate:Monday, 5/3/2021Time:4:30pm-5:30pm

Speaker: Fred Yuhasz Bio forthcoming

Code:	MO35
Course Title:	Basic Principles of Nitrogen Treatment in Wastewater Systems
Date:	Monday, 5/3/2021
Time:	4:30pm-5:30pm

Speaker: David Lentz

Dave Lentz manages Infiltrator Water Technologies' government affairs department, with responsibility for regulation of the company's effluent dispersal, tank, and treatment product lines. Nationally, Infiltrator is involved in rulemaking, legislation, and industry standards development supporting the onsite wastewater treatment system industry. Dave has over 25 years of experience related to soil and groundwater systems. He holds a Bachelor's degree in structural engineering and a Master's degree in geotechnical engineering, and is a licensed professional engineer.

Code:	MO36
Course Title:	Drones: Endless Opportunities
Date:	Monday, 5/3/2021
Time:	4:30pm-5:30pm

Speaker: Jim Aanderud

Jim Aanderud is the former President and owner of Innerline Engineering, a pipeline inspection and cleaning company in Southern California. Mr. Aanderud built Innerline Engineering into a successful business with an excellent reputation in the industry. He is currently a coach and consultant with The TUIT Group, a specialty consulting, educational and training firm that serves the needs of wastewater and trenchless technolgy contractors, manufacturers and municipalities seeking to improve processes, productivity, profitability, client acquisition, employee development and leadership skills. Jim currently holds an FAA Pilots License. Aanderud is regularly published in trade magazines relating to the pipeline inspection and cleaning industry. He has been associated with CWEA and SSCSC since 1999.

Speaker: Dennis Hamon

Dennis Hamon is co-owner of Gene Johnson Plumbing and Heating and a Zoom Drain Franchise in Seattle Washington. He gives daily tips on instagram as #dennistheapprentice and more indepth conversations and interviews of technicians on his Youtube channel "Behind The Windshield." He has been in the contracting world for 20 years. Coming from outside the industry he has a unique perspective and appreciation for plumbers and drain technicians. Rather than continuing to complain about the lack of qualified techs he has devoted himself to attracting and training the techs he needs and created a culture of learning, training and continuous improvement that has actually attracted techs and insured sustained double digit profitable growth year after year.

Code:	MO39
Course Title:	Wastewater Recycling Pros and Cons and Economics
Date:	Monday, 5/3/2021
Time:	4:30pm-5:30pm

Speaker: Michael Drott

Michael Drott has been in the industry for over 30 years. Michael started with Super Products in 1988 as service and warranty manager. Worked in sales both municipal and industrial. In 2005 was made VP of Municipal and International sale for Super Products. In 2008 Michael excepted a position at Tierra Environmental Services as President. During that time he over saw sewer cleaning, steel mill cleaning and disposal operations. In 2012 Michael rejoined Super Product LLC.

Code:	TU01
Course Title:	"Stop Thief!Protect your Service Company from 5 types of Cybercrime"
Date:	Tuesday, 5/4/2021
Time:	7:30am-8:30am

Speaker: Susan Frew

As the woman behind the success of Sunshine Plumbing Heating Air in Denver, Colorado, Susan Frew has found her audience with Construction Trade Organizations. Prior to leading Sunshine Plumbing Heating Air as Co-owner and CEO, Susan was an International General Manager with AT&T Wireless and an accomplished Business Coach who has proudly coached over 150 different companies and 17 different trades to great triumph. Susan is also an instructor for the National Emerging Leaders program of SBA and a radio host of the program "Coaching Not Just for Sports" for ESPN Denver. Her accomplishments have inspired her to spread her knowledge and insight into the industry and professionals within them. From helping companies increase revenues through laser-focused strategy and marketing plans to empowering women in the workforce. Susan speaks in a broad range of subject matters that can take small to medium businesses around the globe to a level of success.

Code:	TU02
Course Title:	How to Write a Cleaning RFP Based on NASSCO Cleaning Specification Guideline
Date:	Tuesday, 5/4/2021
Time:	7:30am-8:30am

Speaker: Jerry Weimer

Jerry Weimer is the Owner of Jerry Weimer Consulting. He worked for the City of Cincinnati, Metropolitan Sewer District (MSDGC), for 30 years in Condition Assessment and Cleaning and created and managed MSDGC's Cross Bore Prevention Program. Jerry is a member of WEF and NASSCO and has been a PACP/LACP/MACP Trainer for 13 years. He leads the Large Diameter Cleaning Work Group for NASSCO's O&M Committee, led the Small Diameter Sewer Cleaning and CCTV Guideline Committees and also leads the Cross Bore Prevention Work Group for the Infrastructure Assessment Committee. Jerry serves on the Board of Directors of the Cross Bore Safety Association and holds a Class 2 State of Ohio Wastewater Collection License.

Code:	TU03
Course Title:	Service Plumbing Technician Training
Date:	Tuesday, 5/4/2021
Time:	7:30am-8:30am

Speaker: Nate Agentis

Nate grew up in the Lehigh Valley and has a deep passion for promoting the well-being of individuals, families, and organizations. For 12 years, he's grown in leadership and management experience at a thriving, multimillion dollar plumbing service company. This personal growth helped him establish a second business in the personal and behavioral development sector in 2017 and a missional nonprofit organization in 2010. With several business degrees and certifications in Management, Marketing, Seminary, and Hague Training, Nate holds a strong commitment to continued learning on the crucial elements for bettering organizational health and running a business with the highest standards of integrity and ethics. For the last 10 years, he has planted and co-pastored a church in the Lehigh Valley, which has allowed him to become well-versed in the organizational structure of a non-profit and moving groups of people toward a common goal. Nate has personally walked with families and individuals seeking wholeness in heart, soul and mind. He is committed to a healthy balance of family and work-life, while helping others seek deeper meaning and purpose.

Code:	TU04
Course Title:	Don't Buy A Solution That Looks Good, Buy One That Makes You Look Good
Date:	Tuesday, 5/4/2021
Time:	7:30am-8:30am

Speaker: Lee Moore

The Director of Operations with AllyPro, Lee Moore, has been doing systems engineering for over 3 decades. Initially involved in transportation during the late 1970s and 1980s as an Over-the-Road Trucker, eventually owning a fleet, he sold out to return to school, earning a degree in Electrical Engineering. His focus has always been fitting technology to the way we do business as opposed to rearranging business to use technology. His goals were to design more relevant, cost-effective hardware solutions for mobile applications. With the emergence of Smartphone technology, his focus shifted from hardware-based solutions to mobile applications that fit industry verticals. His extensive experience from the "hands-on" aspect of service-centric transportation, education and focus on solutions that fit industry as opposed to shoe-horning industry into solutions gives him a unique perspective on making technology work for you.

Code:	TU05
Course Title:	It's Getting Hot in Here: Heat Illness Prevention and OSHA Requirements
Date:	Tuesday, 5/4/2021
Time:	7:30am-8:30am

Speaker: Travis Vance

Mr. Vance has tried matters across several industries and various subject matters, including employment litigation, business disputes and matters prosecuted by the Mine Safety and Health Administration (MSHA) and Occupational Safety and Health Administration (OSHA). He uses unique or outside-the-box approaches to counsel employers and owners on all aspects of employment law and the development of preventive policies and procedures to avoid employment and workplace safety-related claims. He handles litigation in both federal and state courts as well as claims pending with state and federal agencies including the Equal Employment Opportunity Commission (EEOC), MSHA, OSHA, and the U.S. Department of Labor (USDOL).

Code:	TU06
Course Title:	Troubleshooting Control Panels with Analog Timers and Digital Controllers
Date:	Tuesday, 5/4/2021
Time:	7:30am-8:30am

Speaker: Cory Lyon

Cory Lyon is the East Region Sales Manager at Orenco Systems®, Inc., a wastewater equipment manufacturing firm based in Sutherlin, Oregon. In this role, he oversees sales, product training, and support for engineers, regulators, and contractors in the eastern United States and eastern Canada. A skilled presenter, Cory regularly gives trainings to diverse groups, including regulators, engineers, installers, service providers, electricians, and

distributors. Cory holds an Associate of Applied Science degree in civil engineering technology from Umpqua Community College.

Code:	TU07
Course Title:	Enlightened CIPP: Deciding When to Use Light-Based Cure Versus Thermal
Date:	Tuesday, 5/4/2021
Time:	7:30am-8:30am

Speaker: Steve Webster

Steve Webster is the Business Unit Manager at Pipeline Renewal Technologies, an Envirosight company, where oversees day-to-day sales, support and operations, and where he is actively involved in developing and bringing to market innovative technologies for sewer infrastructure repair. Steve has been with the Envirosight group of companies for 4 years, previously holding the position of service manager at Envirosight. He has worked in the municipal wastewater industry for 35 years, including as director of the two branches comprising Joe Johnson Equipment's New York operations.

Code:	TU08
Course Title:	Reliability, Performance, and Safety Benefits of CANbus Controlled Hydraulic Systems
Date:	Tuesday, 5/4/2021
Time:	7:30am-8:30am

Speaker: Jon Beck

Jon has been a part of the hydraulics industry for the past 10+ years working in various capacities. He spent the first half of his career as a hydraulic engineer developing, testing, and validating hydraulic systems used in Caterpillar equipment. The past five years has been spent as a technical product rep working with many of the OEMs in North America to develop smart, efficient, and productive hydraulic systems for their equipment. Beck is currently with HAWE Hydraulik, a premier manufacturer of proportional directional valves that are manufactured in Munich, Germany. Jon has collaborated very closely with Vactor in the development of their next generation hydraulic systems over the past two years, thru which he has gained much experience and insight into the performance requirements of the sewer and hydro truck markets.

Speaker: Josh Malmassari

Josh is the product manager for Vactor Manufacturing. As a former Engineer and Production Supervisor he has first-hand experience of the design, fabrication, assembly, and operation of the product over his 10+ years of experience in the industry.

Code:	TU09
Course Title:	Media Coverage - Create a Plan of Action
Date:	Tuesday, 5/4/2021
Time:	9:00am-10:00am

Speaker: Kerry Heaps

A seasoned Entrepreneur of 14 years, Kerry Heaps is the Publisher of Pageant Platform Magazine and the Host of Pageant Platform Podcast. She is also the Founder of Pitch like a B*tch Media, an online resource for Entrepreneurs and Business Owners that want to gain more media exposure and Book.Speak.Repeat. a speaker submission service. She is the Author of the Create your own Media series for Podcasting, Publishing and Publicity. She is a sought-after guest for many media outlets.

TU10
Sewer Cleaning and CCTV Panel Discussion
Tuesday, 5/4/2021
9:00am-10:30am

Speaker: David Hamberlin

Mr. Hamberlin is an Industry Specialist and Project Manager that specializes in sewer Clean and CCTV projects. David provides oversight for cleaning and CCTV for the Kansas City and Memphis offices. While his specialty is Clean and CCTV, David has experience in all aspects of field work when it comes to SSES or CSO projects. He worked in the field for over a decade before moving into the office. He has provided oversight or field services on over 425 sewer projects throughout the U.S. David is also a certified NASSCO trainer for PACP, MACP and LACP, as well as a member of multiple committees through NASSCO. David has also been on the WWETT Advisory Board for 4 years.

Code:	TU11
Course Title:	Small Diameter Pipe Lining – What you need to know to start lining inside the building
Date:	Tuesday, 5/4/2021
Time:	9:00am-10:00am

Speaker: Craig Underwood

For the past three years, Craig has been a Managing Partner of Apex CIPP Solutions. Apex CIPP Solutions is a distributor of Dancutter, Brawoliner, Repiper, Maxliner, Camtronics, Renssi and other products used in small diameter pipe lining. Prior to that he was General Manager of Pipelining Technologies, Inc. for five years. Craig was a pipe lining contractor serving south Florida small diameter market with emphasis on vertical stack and under slab pipe lining of homes, condominium, and commercial buildings. He spent the last fourteen years in the small diameter pipe lining industry. Craig holds a Master of Business Administration (MBA) from the University of South Florida. He also has a Florida State Plumbing License and Residential Contractor License.

Speaker: James Kicklighter

James spent nearly 15 years as a small diameter CIPP installer with Pipelining Technologies, Inc. in South Florida. During that time, he advanced from an entry level technician to Operations Manager. As a Field Supervisor, he specialized in high-rise vertical stack lining, using continuous inversion and robotic reinstatements. For the past three years he has been the North American Training Manager for Dancutter USA. In 2020, James was promoted to Technical Director of Apex CIPP Solutions, DCUSA's parent company, where he is responsible for product testing, training, project consultation, and customer relations.

Code: Course Title:	TU12 The Laws and Regulations Surrounding PPE and Coronavirus
Date:	Tuesday, 5/4/2021
Time:	9:00am-10:30am

Speaker: Travis Vance

Mr. Vance has tried matters across several industries and various subject matters, including employment litigation, business disputes and matters prosecuted by the Mine Safety and Health Administration (MSHA) and Occupational Safety and Health Administration (OSHA). He uses unique or outside-the-box approaches to counsel employers and owners on all aspects of employment law and the development of preventive policies and procedures to avoid employment and workplace safety-related claims. He handles litigation in both federal and state courts as well as claims pending with state and federal agencies including the Equal Employment Opportunity Commission (EEOC), MSHA, OSHA, and the U.S. Department of Labor (USDOL).

Code:	TU13
Course Title:	Overcoming the Challenges of High Strength Waste in OSTDS - Panel Discussion
Date:	Tuesday, 5/4/2021
Time:	9:00am-10:30am

Speaker: Larry Stephens

Larry has spent over 50 years now in the onsite wastewater treatment industry, first as a state regulator for 12 years and then as the owner of Stephens Consulting Services, PC for the last 40 years. Stephens Consulting Services is a design engineering company located in Haslett, MI. Onsite wastewater treatment systems, both large and small, have become his focus and specialty. Larry is also a partner in a second company, SCS Systems, LLC which was formed 20 years ago to provide contract operations and maintenance services for onsite systems. Larry holds a B.S. in Civil Engineering from Michigan State University and a Masters of Engineering from the University of Florida. He is a registered professional engineer in Michigan and Ohio. Larry is active and has held leadership positions in both MOWRA (Michigan Onsite Wastewater Recycling Association) and NOWRA (the National Onsite Wastewater Recycling Association).

Speaker: Roxanne Groover

Roxanne Groover is currently the Executive Director of the Florida Onsite Wastewater Association (FOWA). She holds an Engineering degree from ODU and in her spare time is attempting to work on her graduate degrees. She wears various hats for FOWA by coordinating and teaching continuing education, outreach to the community regarding onsite wastewater treatment systems, running a not for profit association, and staying extremely active in the politics that affect the Industry. Prior to FOWA she worked for Bord na Mona as an Environmental Engineer. She belongs to various organizations including ASAE, NOWRA, and NAWT, which assist her in the different aspects of her career.

Code:	TU14
Course Title:	PVC Spiral Liner for Rehabilitation of Gravity and Storm Sewers
Date:	Tuesday, 5/4/2021
Time:	9:00am-10:30am

Speaker: Ian Bateman

Ian Bateman has been involved in the pipeline rehabilitation industry for over 20 years and is the co-founder of ijtechUSA – a developer of innovation products and services for the trenchless technology industry. Ian's has played a key role in the development and commercialization of many innovative trenchless technologies, these including spiral lining products, lateral sealing, patching, lateral lining and coating products. Over the last 20 years he has contributed to many award-winning products and projects and authored many papers and conference articles.

Code:	TU15
Course Title:	Multiple Municipal Applications for Vacuum Excavators
Date:	Tuesday, 5/4/2021
Time:	9:00am-10:00am

Speaker: Adam Bates

Adam Bates graduated from the University of Northern Iowa and received a B.S. in Manufacturing Technology with double majors in design and production and automation. He joined Vermeer Corporation in 2007 and has held positions in product enhancement, continuous improvement, and product management across numerous business segments while at Vermeer. He has spent the last 9 years focusing on developing new products that improve productivity for equipment owners and operators in the utility and pipeline markets.

Code:	TU24
Course Title:	When to Sell and How to Do It Well
Date:	Tuesday, 5/4/2021
Time:	9:00am-10:00am

Speaker: J. Kelly Newcomb

Kelly Newcomb is an educational seminar instructor, workshop leader and keynote speaker for Portable Sanitation since 2000. He is an accomplished entreprenuer and business owner for the past 34 years. Education includes degrees from major universities in Engineering, Operations Management, Direct Marketing, Leadership and Strategic Communications. Certifications and professionally trained in Strategic Planning, Human Resource Management, Emotional Intelligence, Succession Planning, Facilitation and Conflict Resolution, Human Behavor and Communications. Kelly has helped hundreds of small and mid-sized family businesses.

Code:	TU16
Course Title:	Google My Business: Driving Revenue to Your Bottom Line
Date:	Tuesday, 5/4/2021
Time:	10:30am-11:30am

Speaker: Mick Credere

Mick leads a team comprised of amazing and talented people with over 50 years of combined digital marketing experience. He passionately works to bring clarity and truth to the pitfalls and traps that face business owners in the wastewater industry with digital marketing. By working to maintain high standards and transparency, Mick's companies maintain Google Partner badges and Google My Business Partner statuses. With these partner badges, Mick and AWP work to answer questions and address concerns in a real way that help business owners navigate issues frustrating them with how their business shows up on Google!

Code:	TU18
Course Title:	Navigating the Business of Camera Inspections
Date:	Tuesday, 5/4/2021
Time:	10:30am-11:30am

Speaker: Frank Taciak

Frank speaks about the wastewater industry from experience. For the past 30 years, he has consistently grown and prospered his own family excavating, and contracting company as both a sole owner and lead salesman. Frank talks the talk and walks the walk, implementing his methods with real world customers on a daily basis. Now in his third decade of business mastery, Frank helps other small businesses discover the keys to their own success.

Code:	TU19
Course Title:	Sanitary Sewer Overflow Reduction Through Aggressive Cleaning Methods
Date:	Tuesday, 5/4/2021
Time:	11:00am-12:00pm

Speaker: Kent Carlson

After serving his country in the United States Navy, Kent retired after a successful career of more than 30-years with the city of Los Angeles. He started working for the city as a machinist and worked his way up to Sewer Operations Manager. While at the city, Kent invented several tools for cleaning sanitary sewer pipes, including a reverse three-bladed root saw, a high rpm / low-torque hydro-mechanical can cutter, and a tailpiece nozzle for hydraulic root saws. These tools coupled with the adoption of a Standard Operational Procedure for cleaning sewer pipe, led by Kent, resulted in a significant reduction in sewer spills in the city. Kent has collaborated and

authored several research papers, tech manuals, and articles while serving as Vice President of the National Clay Pipe Institute.

Code:	TU20
Course Title:	Opioids/Cannabis Workplace Drug Testing: What Should Employers Know?
Date:	Tuesday, 5/4/2021
Time:	11:00am-12:00pm

Speaker: Travis Vance

Mr. Vance has tried matters across several industries and various subject matters, including employment litigation, business disputes and matters prosecuted by the Mine Safety and Health Administration (MSHA) and Occupational Safety and Health Administration (OSHA). He uses unique or outside-the-box approaches to counsel employers and owners on all aspects of employment law and the development of preventive policies and procedures to avoid employment and workplace safety-related claims. He handles litigation in both federal and state courts as well as claims pending with state and federal agencies including the Equal Employment Opportunity Commission (EEOC), MSHA, OSHA, and the U.S. Department of Labor (USDOL).

Code:	TU21
Course Title:	Optimizing Grease Interceptor Performance
Date:	Tuesday, 5/4/2021
Time:	11:00am-12:00pm

Speaker: Kevin Sherman

Kevin Sherman has bachelor's degrees in biology and civil engineering, masters degrees in biology and public health and a doctorate degree in oceanography. He has been working in the onsite wastewater field for 33 years. Dr. Sherman has published over 25 papers on various aspects of onsite wastewater systems. Kevin is a past president of the Florida Environmental Health Association and the National Onsite Wastewater Recycling Association. Over his career Dr. Sherman has worked as a regulator, a researcher, an onsite association leader, as a designer, and for multiple onsite product manufacturers. He is currently Director of Engineering and Regulatory Affairs for SeptiTech, Inc. Kevin holds Professional Engineering licenses in seventeen states and is a Diplomate of Water Resource Engineering through ASCE.

Code:	TU22
Course Title:	Learn How to Grow Your Business with Trenchless Technology
Date:	Tuesday, 5/4/2021
Time:	11:00am-12:00pm

Speaker: Joanne Carroll

Joanne has 28 years of experience working with the rehabilitation and protection of buried infrastructure using trenchless technologies. She is an active member of ASPE, IAPMO and ICC and serving on committees at NASSCO, ASCE, UESI, AWWA, and ASTM. Past Chair, Board member and Conference Chair of NASTT. Past Conference Chair of the ASCE Pipelines Conference (2002) chair of the ASCE committee publishing the update to MOP 92 Manhole Rehabilitation (2009). Current Chair of the UESI committee preparing a Manual of Practice for Lateral Rehabilitation for joint publication with ASCE and NASSCO. Author/Co-Author of several white papers, manuals, guidelines and presentations to educate and improve trenchless technologies applications in maintaining and rehabilitating infrastructure.

Speaker: Mike Moore

Mike Moore is the Market Development Manager for HammerHead Trenchless and has been in the trenchless industry for 15 years. During that time, Mike has collaborated with many utility owners (both domestic and abroad) in an effort to drive the acceptance of various types of trenchless technologies and assist with

implementing these technologies into their replacement and rehabilitation budgets. Mike is an active member with committee involvement at NASSCO, WEF, and AWWA.

Code:	TU23
Course Title:	Five Things You Must Know BEFORE Purchasing a Sewer Cleaning Truck
Date:	Tuesday, 5/4/2021
Time:	10:30am-11:30am

Speaker: Matt Starnes

Matt Starnes is the Bucher Municipal North America Product Marketing Manager, based out of Mooresville, NC. Matt is passionate about building and marketing products that customers love. Matt is the creator and host of the Sweepers and Tankers podcast, which focuses on all topics related to the street sweeping and sewer cleaning truck industry. Matt began his career in radio as a writer, producer, DJ, host and promotions guru; all skills he still uses to some capacity today. "I'm excited to provide strategy and deliverables to our sales and marketing department benefiting our clients and the Dealer Network," says Matt. When Matt isn't working, he also enjoys podcasting, volunteering, and spending time with his wife and family. Bucher Municipal is the world's leading supplier of municipal vehicles. Bucher Municipal North America's product range includes sewer cleaning trucks, street sweepers, and winter maintenance equipment. When it comes to technology and equipment that can clean sustainably and efficiently, Bucher Municipal leads the way.

Code:	WE01
Course Title:	Route Optimization and Management
Date:	Wednesday, 5/5/2021
Time:	8:00am-9:00am

Speaker: Ori Staub

Ori Staub has been helping business owners market themselves online for well over 15 years. His value-driven marketing approach emphasizes quality over quantity, speed over perfection, and measuring what's important. As a confident, experienced public speaker, he knows how to keep an audience engaged with personal anecdotes, classy jokes, and helpful analogies. Raised in England, Mr. Staub received an Engineering degree from the University of Manchester in 2000. Just a year after graduating, he moved to the United States to establish himself as a respected entrepreneur, marketer, technologist, and trainer. 1bg, is a marketing and technology company that serves industrial clients ranging from small startups to large organizations. 1bg launched in 2015 and already has nearly 20 full time employees. ServiceCore is 1bg's software platform built exclusively for the septic and portables companies to help them save time and money. It includes route management, job scheduling, invoicing and accounting, and business intelligence.

Code: Course Title:	WE02 Inspection Technologies to Assess (and Prioritize) Pressurized Pipelines
Date:	Wednesday, 5/5/2021
Time:	8:00am-9:00am

Speaker: Mark Wade

Mark is President and a Senior Pipeline Technologist for BlueWater Solutions Group. Throughout his 43 years of experience in consulting engineering he has accumulated a broad range of experience for the improvement and management of water, wastewater, and stormwater conveyance systems. This includes planning, modeling, design, and asset management services. He has managed more than 900 programs related to buried pipeline systems in North America, Southeast Asia, New Zealand, and Europe. Mark has also authored and presented more than 100 technical papers related to conveyance system evaluation and rehabilitation. Several have been published in trade magazines, journals, manuals-of-practice, and books. He currently provides senior-level technology and project management oversight for several water, wastewater, and storm water assessment and rehabilitation projects, particularly large-diameter systems.

Code:	WE03
Course Title:	Safety in Excavation - OSHA Requirements and Solutions for Compliance
Date:	Wednesday, 5/5/2021
Time:	8:00am-9:00am

Speaker: Gary Hooks

Gary Hooks has been continuously involved with shoring manufacturers since 1995. He is a Graduate of Safety Products Engineering Group's "Train the Trainer" program and a Graduate of Safety Products Engineering Group's 120 hour comprehensive Trenching & Shoring Course. Gary has taught over 1,000 Competent Person Training classes to over 15,000 people. Gary is also a Graduate of OSHA CPT Training course.

Code:	WE04
Course Title:	Municipal Fats, Oils, & Grease Onsite Inspections and Grease Interceptors 101
Date:	Wednesday, 5/5/2021
Time:	8:00am-9:00am

Speaker: Samuel Mcleod

Sam Mcleod is the Director of Compliance for FOG BMP Software. Sam focuses on working with municipalities and utility companies by offering expertise in the area of fats, oils and grease (FOG) management. He collaborates with clients throughout the country who are either creating a FOG program or enhancing their current FOG program by utilizing FOG BMP software. Before joining FOG BMP, Sam served as Vice President of EPAS and Plumbing Division Business Unit Manager at NSF International. He has experience in the fields of grease trap testing/certification, grease trap research/development, wastewater consulting, plumbing codes/standards, and environmental compliance. Sam holds both a Bachelor of Science degree and a Master of Science degree concentrated on the fields of Engineering and Environmental Studies.

Code:	WE05
Course Title:	When Good Enough Might Not Be As Good As You Think
Date:	Wednesday, 5/5/2021
Time:	8:00am-9:00am

Speaker: J.R. Inman

J.R. has worked with Northwest Cascade Inc / FloHawks Plumbing & Septic / Honey Buckets for over 40 years. He is Vice President / General Manager of the FloHawks division. He has performed work and managed the service plumbing, septic pumping group for over 29 years. JR is licensed in a dozen counties in Washington State as a Pumper, Operation and Maintenance Specialist and Septic Installer, also Manages a Septic / Wastewater treatment plant and concrete batch plant. JR's specialty is Industrial Cleaning of Waste Water Treatment Plants. He has served on many different boards including National On-Site Wastewater Recycling Association & Northwest Bio-Solids Management Association. JR is Past President of Washington On-Site Sewage Association. (WOSSA) and currently serves on several committees with in the associations. Along with many different operational certifications, JR is one of the certified instructors for WOSSA. He has helped in the development of several of the current courses along with continual updates of existing curriculum. JR has been a keynote speaker and is continually asked to speak at many different events, locally, nationally & internationally specifically about wastewater, bio-solids & service. JR has worked with the Bill & Melinda Gates Foundation since about 2013 on several projects to include testing of new technology for sewage waste removal for developing countries. He has also visited several locations in Africa & India with the Omnivore workshop to understand challenges first hand in waste removal in lower income areas. JR attended FSM4 in India and FSM5 in South Africa as a speaker and participant, along with other National and International events.

Code:WE06Course Title:Utilizing Cloud Based Services in Wastewater OperationsDate:Wednesday, 5/5/2021

Time: 8:00am-9:00am

Speaker: Michael Thompson

Michael Thompson is t4 Spatial's Executive Vice President tasked with growing the t4 install base while increasing customer service features. He has over 10 years' experience within the water/wastewater sector, specifically focused in municipality, contractor and engineering firm relationships that build and maintain infrastructure. For nearly 20 years his career has spanned several industries focused on business operations.

Code:WE07Course Title:Everything You Know About Generating Leads, Closing Sales And Making Money With YourSmall BusinessIs WRONG!Date:Wednesday, 5/5/2021Time:9:30am-10:30am

Speaker: Rebecca Gold

Rebecca's goal is straight forward. She has a relentless passion to help serious business owners generate more clients, close more sales and increase their overall revenue and profits – quickly and inexpensively, and get what they really want. If you're interested in adding extra to your bottom-line revenue over the next 12 months, without selling more time for money,then she can help you. Rebecca specializes in sales, marketing, and taking your business from where it is now to where you dream it could be. Over the years, she's developed a keen understanding of the complex issues facing small business owners in every type of economy. Her experience has helped her develop the skills to quickly and effectively teach business owners how to successfully apply the right strategies in the right order that allows them to grow their business to its maximum capacity. Her team has spent more than 10 years and \$2 million dollars developing the world's first E-Learning Marketing System – currently being used by more than 5,000 small business clients in 50 countries around the world to grow their business to multi-million-dollar status and beyond. It's considered by many of the world's top business professionals to be the most powerful client attraction program available anywhere today. She has a special talent for helping business owners create competition-crushing marketing. Rebecca began this process by exposing the flaws in marketing that almost all small business owners fall prey to and explained why these flaws are stifling the growth of all business owners today.

Code:	WE08
Course Title:	Asset Management, from the Engineering and Municipal Point of Views
Date:	Wednesday, 5/5/2021
Time:	9:30am-10:30am

Speaker: Jerry Weimer

Jerry Weimer is the Owner of Jerry Weimer Consulting. He worked for the City of Cincinnati, Metropolitan Sewer District (MSDGC), for 30 years in Condition Assessment and Cleaning and created and managed MSDGC's Cross Bore Prevention Program. Jerry is a member of WEF and NASSCO and has been a PACP/LACP/MACP Trainer for 13 years. He leads the Large Diameter Cleaning Work Group for NASSCO's O&M Committee, led the Small Diameter Sewer Cleaning and CCTV Guideline Committees and also leads the Cross Bore Prevention Work Group for the Infrastructure Assessment Committee. Jerry serves on the Board of Directors of the Cross Bore Safety Association and holds a Class 2 State of Ohio Wastewater Collection License.

Code:	WE09
Course Title:	Flushable Wipes vs Grease, How Can We Problem Solve Them?
Date:	Wednesday, 5/5/2021
Time:	9:30am-10:30am

Speaker: Jerard Nighorn

Jerard Nighorn is Vice President of Lenzyme / Trap-Cleer and oversees the operations and sales. He has over 35 years of business management experience. He attained his certification in business management from the University of Notre Dame. A major part of his experience has been in operations management (which included a 1 million gallon waste water treatment facility), corporate training and sales and marketing. For the past 20 plus years, Jerard devoted his knowledge and experience in the wastewater industry with Lenzyme, Inc. He also presented educational seminars at the State level and at WWETT (formerly known as the International Pumper and Cleaner Convention).

Code:	WE10
Course Title:	OSHA Electrical Safety
Date:	Wednesday, 5/5/2021
Time:	9:30am-10:30am

Speaker: Michael Serpe

Michael Serpe, CSP, BSEM is President and founder of SafetyFirstna, Inc. a Chicago-based Environmental, Health and Safety and health consultancy firm. Mr. Serpe received his Bachelor of Science from the University of Illinois, Department of Mechanical Engineering. Michael is a Certified Safety Professional. Formerly, Mr. Serpe was the Corporate Director of Environmental, Health and Safety at Klein Tools, Incorporated. He is a member of the American Society of Safety Engineers and the American Society of Testing and Materials. Mr. Serpe is the Chairperson for ANSI, the American National Standards Institute Standard A10.44 – Lockout/Tagout for the Construction Industry. Mr. Serpe provides consulting and training to and for municipalities, government agencies, educational institutions, and private and public companies. SafetyFirstna, Inc. provides companies help with OSHA, DOT and EPA compliance, by providing customized OSHA & EHS training including specializing in company-customized training which includes specific companies policies, procedures, equipment and personnel; in addition to OSHA-Style Audits, customized written Company EHS policies, procedures and program implementation. Mr. Serpe has studied COVID-19 hazards and provides training and guidance on virus transmission hazard recognition, prevention and control including bloodborne pathogens.

Code:	WE11
Course Title:	Installing and Mapping Underground Infrastructure While Capturing GPS
Date:	Wednesday, 5/5/2021
Time:	9:30am-10:30am

Speaker: Chris Thompson

Chris Thompson is a Senior Product Manager at Subsite Electronics with responsibility over the Utility Locating and Data Solutions product lines. He holds a Bachelor of Arts in Organizational Leadership from the University of Central Oklahoma and a Master of Business Administration from Oklahoma Christian University. After 14 years in the financial services industry, he joined the underground construction industry by accepting a position at Ditch Witch. He held various positions in Sales and Management at Ditch Witch for six years before joining the Subsite Electronics business in 2019. Chris is focused on providing the Subsite Electronics customers with innovative, customer-driven products and solutions with the goal of damage prevention and increased data solutions.

Code:	WE16
Course Title:	Profit OR Pride?
Date: Time:	Wednesday, 5/5/2021 9:30am-10:30am
Speaker:	Jeremiah Gunia

Raised in the dirt, growing up in the trenches, learning from the generation before, Jeremiah Gunia has garnered the knowledge necessary to support others in their Waste Water Education. With 15 years of industry specific work as a specialist, director of education at a successful septic and construction company, state instructor, and community speaker, Jeremiah provides a refreshing take on Onsite Waste Water Management. His focus on a real life, energetic, and relevant experience for those learning, ensures that all that participate are more effective in their industry roles.

Code:	WE12
Course Title:	Rock Solid Leadership
Date:	Wednesday, 5/5/2021
Time:	11:00am-12:00pm

Speaker: Rebecca Gold

Rebecca's goal is straight forward. She has a relentless passion to help serious business owners generate more clients, close more sales and increase their overall revenue and profits – quickly and inexpensively, and get what they really want. If you're interested in adding extra to your bottom-line revenue over the next 12 months, without selling more time for money,then she can help you. Rebecca specializes in sales, marketing, and taking your business from where it is now to where you dream it could be. Over the years, she's developed a keen understanding of the complex issues facing small business owners in every type of economy. Her experience has helped her develop the skills to quickly and effectively teach business to its maximum capacity. Her team has spent more than 10 years and \$2 million dollars developing the world's first E-Learning Marketing System – currently being used by more than 5,000 small business clients in 50 countries around the world to grow their business to multi-million-dollar status and beyond. It's considered by many of the world's top business professionals to be the most powerful client attraction program available anywhere today. She has a special talent for helping business owners create competition-crushing marketing. Rebecca began this process by exposing the flaws in marketing that almost all small business owners fall prey to and explained why these flaws are stifling the growth of all business owners today.

Code:	WE13
Course Title:	Sanitary Sewer Inspection and Acceptance Testing
Date:	Wednesday, 5/5/2021
Time:	11:00am-12:00pm

Speaker: Kent Carlson

After serving his country in the United States Navy, Kent retired after a successful career of more than 30-years with the city of Los Angeles. He started working for the city as a machinist and worked his way up to Sewer Operations Manager. While at the city, Kent invented several tools for cleaning sanitary sewer pipes, including a reverse three-bladed root saw, a high rpm / low-torque hydro-mechanical can cutter, and a tailpiece nozzle for hydraulic root saws. These tools coupled with the adoption of a Standard Operational Procedure for cleaning sewer pipe, led by Kent, resulted in a significant reduction in sewer spills in the city. Kent has collaborated and authored several research papers, tech manuals, and articles while serving as Vice President of the National Clay Pipe Institute.

WE14
Wastewater Operator Pathogen Safety & Health
Wednesday, 5/5/2021
11:00am-12:00pm

Speaker: Michael Serpe

Michael Serpe, CSP, BSEM is President and founder of SafetyFirstna, Inc. a Chicago-based Environmental, Health and Safety and health consultancy firm. Mr. Serpe received his Bachelor of Science from the University

of Illinois, Department of Mechanical Engineering. Michael is a Certified Safety Professional. Formerly, Mr. Serpe was the Corporate Director of Environmental, Health and Safety at Klein Tools, Incorporated. He is a member of the American Society of Safety Engineers and the American Society of Testing and Materials. Mr. Serpe is the Chairperson for ANSI, the American National Standards Institute Standard A10.44 – Lockout/Tagout for the Construction Industry. Mr. Serpe provides consulting and training to and for municipalities, government agencies, educational institutions, and private and public companies. SafetyFirstna, Inc. provides companies help with OSHA, DOT and EPA compliance, by providing customized OSHA & EHS training including specializing in company-customized training which includes specific companies policies, procedures, equipment and personnel; in addition to OSHA-Style Audits, customized written Company EHS policies, procedures and program implementation. Mr. Serpe has studied COVID-19 hazards and provides training and guidance on virus transmission hazard recognition, prevention and control including bloodborne pathogens.

Code:	WE15
Course Title:	Rethinking Manhole Inspection: A New Way to Reduce I&I Quickly and Cost Effectively
Date:	Wednesday, 5/5/2021
Time:	11:00am-12:00pm

Speaker: Steve Sebastian

Steve Sebastian is the channel development manager at Envirosight, where he trains the sales team on product operation and selling techniques. He has been with Envirosight for 14 years, serving as a regional sales manager prior to becoming channel development manager. He specializes in providing solutions tailored to the challenges that municipalities face, and brings more than 15 years of experience in the municipal world to his role. He looks forward to introducing the audience to manhole inspection best practices and technology while sharing real-life examples.

Code:	WE17
Course Title:	Science and Opportunity with Failing Septic Systems
Date:	Wednesday, 5/5/2021
Time:	11:00am-12:00pm

Speaker: Jerard Nighorn

Jerard Nighorn is Vice President of Lenzyme / Trap-Cleer and oversees the operations and sales. He has over 35 years of business management experience. He attained his certification in business management from the University of Notre Dame. A major part of his experience has been in operations management (which included a 1 million gallon waste water treatment facility), corporate training and sales and marketing. For the past 20 plus years, Jerard devoted his knowledge and experience in the wastewater industry with Lenzyme, Inc. He also presented educational seminars at the State level and at WWETT (formerly known as the International Pumper and Cleaner Convention).

Code:	WE18
Course Title:	Finding True ROI With Your Telematics Solution
Date:	Wednesday, 5/5/2021
Time:	11:00am-12:00pm

Speaker: CJ Jackson

CJ Jackson is Director of Channel Sales US & Canada at Webfleet Solutions (formerly TomTom Telematics). CJ has over 15 years in the Telematics industry working with many different industries and with fleets from 1 to 1000+ vehicles. Mr. Jackson has helped hundreds of fleet owners to achieve significant ROI through the use of GPS telematics and driver behavior data.

Code:	WKSH
Course Title:	Revenue and Profit Accelerator Playbook
Date:	Wednesday, 5/5/2021
Time:	1:00pm-4:00pm

Speaker: Jim Aanderud

Jim Aanderud is the former President and owner of Innerline Engineering, a pipeline inspection and cleaning company in Southern California. Mr. Aanderud built Innerline Engineering into a successful business with an excellent reputation in the industry. He is currently a coach and consultant with The TUIT Group, a specialty consulting, educational and training firm that serves the needs of wastewater and trenchless technolgy contractors, manufacturers and municipalities seeking to improve processes, productivity, profitability, client acquisition, employee development and leadership skills. Jim currently holds an FAA Pilots License. Aanderud is regularly published in trade magazines relating to the pipeline inspection and cleaning industry. He has been associated with CWEA and SSCSC since 1999.

Code:NAWTCourse Title:NAWT Vacuum Truck Technician Training CourseDate:Wednesday, 5/5/2021Time:8:00am-4:00pm

Speaker: Bruce Fox Bio forthcoming

Code:	NOWR
Course Title:	NOWRA One-Day Installer Class
Date:	Wednesday, 5/5/2021
Time:	8:00am-5:00pm

Speaker: Dennis Hallahan

Dennis has thirty years of experience with the design and construction of on-site wastewater treatment systems. He has authored several articles for on-site industry magazines and has given numerous presentations nationally on the science and fundamentals of on-site wastewater treatment systems. Dennis also is responsible for product research and testing at Universities, test centers and private consultants. His department develops system sizing charts for national and international approvals and assists customers and field representatives in the planning and review of large commercial decentralized systems. Many of these systems are in excess of a million gallons per day. He received his MS in civil engineering from the University of Connecticut and his BS in civil engineering from the University of Vermont. Dennis is a registered professional engineer in Connecticut. He has been with Infiltrator Water Technologies for 19 years and holds the current position as Technical Director. Dennis also holds patents for on-site wastewater products and is a member of the Water Environment Federation and of the National Onsite Wastewater Recycling Association and currently serves as Chairman for the NOWRA Technical Practices Committee.

Speaker: Kevin Sherman

Kevin Sherman has bachelor's degrees in biology and civil engineering, masters degrees in biology and public health and a doctorate degree in oceanography. He has been working in the onsite wastewater field for 33 years. Dr. Sherman has published over 25 papers on various aspects of onsite wastewater systems. Kevin is a past president of the Florida Environmental Health Association and the National Onsite Wastewater Recycling Association. Over his career Dr. Sherman has worked as a regulator, a researcher, an onsite association leader, as a designer, and for multiple onsite product manufacturers. He is currently Director of Engineering and Regulatory Affairs for SeptiTech, Inc. Kevin holds Professional Engineering licenses in seventeen states and is a Diplomate of Water Resource Engineering through ASCE.

Code:	CERT
Course Title:	OSHA Wastewater Operator Confined Space Safety and Health - Certification
Date:	Wednesday, 5/5/2021
Time:	1:00pm-4:00pm

Speaker: Michael Serpe

Michael Serpe, CSP, BSEM is President and founder of SafetyFirstna, Inc. a Chicago-based Environmental, Health and Safety and health consultancy firm. Mr. Serpe received his Bachelor of Science from the University of Illinois, Department of Mechanical Engineering. Michael is a Certified Safety Professional. Formerly, Mr. Serpe was the Corporate Director of Environmental, Health and Safety at Klein Tools, Incorporated. He is a member of the American Society of Safety Engineers and the American Society of Testing and Materials. Mr. Serpe is the Chairperson for ANSI, the American National Standards Institute Standard A10.44 – Lockout/Tagout for the Construction Industry. Mr. Serpe provides consulting and training to and for municipalities, government agencies, educational institutions, and private and public companies. SafetyFirstna, Inc. provides companies help with OSHA, DOT and EPA compliance, by providing customized OSHA & EHS training including specializing in company-customized training which includes specific companies policies, procedures, equipment and personnel; in addition to OSHA-Style Audits, customized written Company EHS policies, procedures and program implementation. Mr. Serpe has studied COVID-19 hazards and provides training and guidance on virus transmission hazard recognition, prevention and control including bloodborne pathogens.