



New Jersey Water Environment Association

PRESENTS



THE 2023 Fall Technology Transfer Seminar

SEPTEMBER 11 - SEPTEMBER 14, 2023

Sheraton Eatontown Hotel

6 Industrial Way • Eatontown, NJ • 732-542-6500

NJWEA Officers

Jill Plesnarski President
Francis Bonaccorso President Elect
Michael J. Hope Vice President
Robert Fischer Treasurer
James De Block Executive Director
Richard Eustace Deputy Executive Director

MONDAY, SEPTEMBER 11, 2023

Monday, September 11, 2023

SESSION I - Utility Management – Operator Certification

Day 1 of 4

Course # 03-012201-30 Water & Wastewater

CPWM Course: NJWEA-DLGS-1208 5 Hr. Mgmt.

Moderators: **Frank Pestana**, Executive Director – North Bergen MUA
Carrie Ann Lyons, Lyons Environmental

- 8:30 am Session 1 Starts
- 9:30 am Coffee Break (Included)
- 11:45 am Lunch (Included)
- 1:30 pm Session Re-Starts
- 3:30 pm Session Ends

This is offered as a 4-day (20 hour) course which is modeled after the California State University Certificate Course for Utility Management. Participants can take individual days for TCH credit and not receive the course certificate. ALL 4 DAYS MUST BE ATTENDED TO COMPLETE THE COURSE.

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Read and construct an organizational chart identifying lines of authority and responsibility. Write a job description for a specific position within the utility. Write good interview questions. Conduct employee evaluations. Describe the steps necessary to provide equal and fair treatment to all employees. Prepare a written or oral report on the utility's operations. Communicate effectively within the organization, with media representatives, and with the community. Describe the financial strength of their utility. Calculate their utility's operating ratio, coverage ratio, and simple payback. Prepare a contingency plan for emergencies. Prepare a plan to strengthen the security of their utility facilities. Set up a safety program for their utility. Collect, organize, file, retrieve, use, and dispose of utility records.

MONDAY, SEPTEMBER 11, 2023

Monday, September 11, 2023

SESSION II – Unit Process – Fall 2023

Course # 03-072301-20 (5.0 TCH) WW
CPWM Course NJ WEA - DLGS - 1313, 5.0 Hr. Tech

Moderators: **Sean Sauder**, PMP, Project Manager, PS&S
Eric Reichert, RVRSA Package WWTP design and operation

Package WWTP design and operation

“While small “package” type wastewater treatment systems may seem less complicated due to flow and size, there are numerous site-specific factors that must be considered for both design and operation of these systems.

This session will review design considerations, effluent quality requirements, package treatment systems for contaminant removal, siting of facilities and footprint sizing, as well as operation and maintenance of some of these systems”.

A complete program for this session will be available online.

**NJWEA John J. (Jack) Lagrosa
109th Annual Conference & Exposition**

The NJWEA Conference and Exposition is the largest water environment exposition in the Northeast. The event draws participants from throughout the country for four days of training education and offers the opportunity to meet with manufacturers and their representatives in a relaxed, informal setting to learn about their latest products.

May 6, 2024 to May 9, 2024

Harrah's Resort, Atlantic City

Visit NJWEA.ORG for registration forms and information

Registration questions:

Debbie Cardena, Registrar NJWEA

P.O. Box 737, Woodland Park, NJ 07424

Phone: (973) 239-9200 • Fax: (973) 239-9239

E-Mail: dcardena@NJWEA.org

MONDAY, SEPTEMBER 11, 2023

Monday, September 11, 2023

SESSION III - Utility of the Future – WWRFs as Anchors of Decarbonization in the Community

Course # 03-072302-20 NYPE (5.0 TCH-WW) NYPE, NJPE & PAPE
CPWM Course NJWEA-DLGS-1314, 5.0 Hr. Tech

Moderators: **Jay Surti, P.E.**, Eastern Regional Biosolids Leader, GHD
Robert Fischer, Senior Director of Water Resources, PS&S
Brian Valliere, Lic. Op, Superintendent,
Borough of Mendham STP
Josh Ferguson, Civil Engineer, AECOM

- 8:30 am **Rahway Valley Sewerage Authority: Food Waste to Energy**
John Bonocore, P.E., Asst Director/Chief Engineer, RVSA
- 9:15 am **Energy Strategies from a Biosolids
Management Perspective**
Terry Goss, VP, Biosolids Practice Leader, AECOM
- 10:00 am Coffee Break (included)
- 10:15 am **RNG Opportunity to Advance Decarbonization -
Industry Update and Case Study**
Steven D. Wilsey, Project Director/Principal, GHD
- 11:00 am **Case Study: Challenging Heat Recovery
System Designs for CHP**
Jessica Chiu, Water Engineer, Arcadis U.S., Inc.
- 11:45 am Lunch (included)
- 1:30 pm **Design and Performance Evaluation of a Solar
Assisted Dryer with Decentralized Thermal Recovery
Gasification System**
Alexander K. Krämer, Founder & CEO, Harvest Technology, LLC
- 2:15 pm **Green Hydrogen and Innovative Energy Solutions**
Laurie Wiegand-Jackson, President & CEO, Utility Advantage
- 3:00 pm Panel Discussion
- 3:30 pm Session Ends

MONDAY, SEPTEMBER 11, 2023

Monday, September 11, 2023

SESSION IV - DPW-Municipal Workshop - Fall 2023

Course # 03-072303-20 (5.0 TCH-WW)

NJWEA-DLGS-1315 (5.0 Hr. Tech)

Moderators: **Dan Carey**, NJWEA Seminar Committee
Carl Bowles, Past President APWA-NJ
Brendan Tobin, Gabrielli Truck Sales

TYPES OF STORMWATER SYSTEMS, TECHNOLOGY, REPORTING & EQUIPMENT NEEDED FOR MAINTENANCE

8:30 am **Stormwater basics in terms of roadways, like types of treatments (swales/drainage structures, underground basins), advantages/disadvantages, maintenance and then also linking in something on traffic safety such as guardrail and other traffic safety issues associated with roadside drainage features.**

George A. Fallat, P.E. Middlesex County Supervising Engineer,
Office of Engineering Department of Transportation

9:30 am Coffee Break (Included)

9:45 am **Morning stormwater session continued**

11:45 am Lunch (Included)

1:30 pm **Technology in Stormwater Management at DPWs. I would discuss spill and leak reporting, stormwater plan tracking, GIS mapping, and filter management.**

Jennifer Duckworth, CFM, NGICP (she/her)
Senior Environmental Engineer | Tetra Tech

2:30 pm **Types of Equipment Needed To Maintain and Best Ways To Purchase**

Brendan Tobin, APWA-NJ VP & Gabriella Truck

3:30 pm Session Ends

MONDAY, SEPTEMBER 11, 2023

Monday Evening Session – September 11, 2023

SESSION V – Laboratory Knowledge, Understanding Roadway Design and Wastewater Topics

Course # 03-072304-20 NYPE (2.0 TCH WW) NYPE, NJPE & PAPE
CPWM Course NJWEA-DLGS-1316 (2 Hr. Tech)

Moderators: **Michael Roy, P.E.**, Old Bridge MUA
Danielle Farrell, P. E., Mott MacDonald

- 4:30 pm **Laboratory Knowledge That You Need to Know**
Emily Zidanic, Wastewater Program Engineer
Cape May County MUA
- 5:10 pm **Understanding Roadway Design**
Janine Smolinski, P.E., Project Engineer
Remington & Vernick Engineers
- 5:50 pm **Lessons from a Wastewater Project**
Paul Huggins, Engineer, Mott MacDonald
- 6:30 pm Session Ends

ATTENTION P.E.'S

The New Jersey Water Environment Association has been approved by The New Jersey State Board of Professional Engineers and Land Surveyors (the Board) as a Continuing Professional Competency Course Provider. Please check the individual course descriptions to see what courses will satisfy continuing education requirements for Professional Engineers. NJWEA will continue to maintain records of the courses offered and the names of attendees satisfactorily completing the courses. New York and Pennsylvania Credits for PE's are as indicated in the course description.

All issues that may arise regarding the acceptability of a course will be between the individual and the Board.

TUESDAY, SEPTEMBER 12, 2023

Tuesday, September 12, 2023

SESSION I - Utility Management – Operator Certification

Day 2 of 4

Water & Wastewater Course # 03-012205-30 (5.0 TCH-WWW)

CPWM Course: NJWEA-DLGS-1212

Moderators: **Frank Pestana**, Executive Director – North Bergen MUA
Carrie Ann Lyons, Lyons Environmental

- 8:30 am Session Starts
- 9:30 am Coffee Break (Included)
- 11:45 am Lunch (Included)
- 1:30 pm Session 2 Starts
- 3:30 pm Session Ends

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TUESDAY, SEPTEMBER 12, 2023

Tuesday, September 12, 2023

SESSION II - AEA/NJWEA Utility Issues - Fall 2023

Course #03-072305-30 (5.0 TCH) W&WW

CPWM Course NJWEA-DLGS-1317, 0.0 Hr.Tech, 1.0 Hr. Mgmt., 4.0 Hr. Gov

Moderators: **Peggy Gallos**, Executive Director, Assoc.
of Environmental Authorities

Richard Eustace, NJWEA Deputy Executive Director

(SCHEDULED TIMES SUBJECT TO CHANGE.)

8:30 am **Asset Management at Hanover Sewerage Authority**

Michael Wynne, Executive Director

A case history providing an in-depth look at the Hanover Sewerage Authority (HSA) asset management (AM) program. HSA's AM program has been conducted over many years, systematically and comprehensively.

9:30 am Coffee Break

9:45 am **Introduction to Pilot Water/Sewer Sector Workforce Development Program**

Paula Figueroa-Vega, Director of Jersey Water Works Collaborative, New Jersey Future
An overview of how the Jersey Water Works Water Workforce Task Force is building partnerships to bolster education and outreach to make water a career of choice. The Task Force has been instrumental in helping shape the New Jersey Water Workforce Development Initiative pilot program. It aims to introduce individuals to the water workforce via education and training and connect them to opportunities.

10:15 am **The Why's and How's of Voluntary Sampling of PFAS in Wastewater**

Joseph Pantalone, Vice President for Wastewater, Atlantic County UA

There are good reasons for NJ wastewater utilities to conduct PFAS sampling on a voluntary basis. This session will cover why such a program is useful. Presenters will also discuss an AEA monitoring work plan, developed with NJDEP input, available to any interested NJ utility. Attendees will come away with the information they need to initiate their own PFAS monitoring program.

11:15 am **Building a Defense Against Dissolution**

Dennis Palmer, Landis SA, Retired

The retired executive director of Landis Sewerage Authority, Dennis Palmer, learned many lessons during his career. Among them is the importance of laying groundwork to defend against the dissolving of the authority. Long before anyone thinks of dissolving an authority, it's important to think through strategies and make connections with the people you serve.

11:45 am Lunch (included)

1:30 pm **Securing a Local Government Efficiency Achievement Program Grant**

Greg Sehar, Director of Solid Waste Operation, Atlantic County Utilities Authority

Atlantic County UA (ACUA) was able to secure a \$250,000 grant from a Department of Community Affairs grant program known as LEAP that most water and sewer utilities may be unaware of. The Local Efficiency Achievement Program (LEAP) helps local governments streamline services and partner with one another. Attendees will learn how their municipality or authority can take advantage of this grant program, including what types of shared services qualify for LEAP and how the application process works.

2:00 pm **Smart Choices for Water and Sewer**

Peggy Gallos, Executive Director, AEA

Elected and appointed officials confronted with far-reaching decisions about their water and sewer systems need baseline information before they can proceed. What are the characteristics of a well-managed system? What are the range of future operations and ownership options they can choose from?

2:30 pm Speakers have been invited to discuss the State Revolving Fund, evolving state and federal biosolids policies, and bulk purchasing of drinking water.

3:30 pm Session Ends

TUESDAY, SEPTEMBER 12, 2023

Tuesday, September 12, 2023

SESSION III - Regulatory Updates, Compliance and Permitting - Fall 2023

Course # 03-072306-30 (5.0 TCH-WWW)

CPWM Course NJWEA-DLGS-1318, 1.5 Hr. Tech, 1.0 Hr. Mgmt., 2.5 Hr. Gov

Moderators: **Jim Wancho, PE**, Vice President, PS&S
Chris Hoffman, PE, Retired

8:30 am **Flood Hazard/Stormwater Rules - Project Design and Permitting Considerations**
Brian McPeak, Vice President, PS&S
Jason Schooling, PE Senior Project Engineer, PS&S

9:30 am Coffee Break (included)

9:45 am **NJDEP NJPDES & CSO Permitting Updates**
Susan Rosenwinkel, Chief, NJDEP DWQ Bureau of Surface Water and Pretreatment Permitting

10:15 am **PFAS Updates in the NJPDES Program**
TBD, NJDEP DWQ

10:45 am **The Role of the Comptroller in Public Contracting**
John A. Napolitano, Esq., Partner,
Cleary, Giacobbe, Alfieri, Jacobs, LLC

11:15 am **Air Permitting Compliance**
Marissa Magura, Senior Scientist, Roux Associates

11:45 am Lunch (included)

1:30 pm **PFAS in Wastewater Discharges: What we have Learned and Where are we heading?**
James Cosgrove, PE Principal, One Water Consulting

2:00 pm **De-Mystifying the ESIP-A new way to fund plant upgrades and process optimization through energy savings**
Brendan Marzano and Bryan McGair,
Account Executives, Schneider Electric

2:45 pm **PEOSH Updates: Safety in the Workplace**
James Gotay, President, Skyline Environmental Inc.

3:30 pm Session Ends

TUESDAY, SEPTEMBER 12, 2023

Tuesday September 12, 2023

SESSION IV - Industrial Wastewater Management - Fall 2023

Course # 03-072307-20 (5.0 TCH) WW

CPWM Course NJWEA-DLGS-1319, 5.0 Hr. Tech

Moderators: **Edward Majeski**, Environmental Compliance Manager/
IPP Coordinator, LRSA
Natalie Pisarcik, IPP Coordinator, RVRSA

- 8:30 am **Water Well Rehabilitation & Preventative Maintenance**
Stephen Fisher, P.G., Technical Director,
Subsurface Technologies, Inc.
- 9:15 am **Unintended Consequences: Is Food Safety Killing
Your Wastewater Treatment Plant?**
Tom Eckhoff, Principal, Arrigetch Environmental Consulting
- 10:00 am Coffee Break (included)
- 10:15 am **Preventing Fires and Explosions in Industrial Processes**
Jeff Sampson, Director of Sales,
Control Instruments Corporation
- 10:45 am **Dynamic Ceramics: Meeting Stringent Industrial Permit
Limits with Membrane Filtration**
David Silverman, P.E., Manager of Process Solutions,
PSI Process and Equipment, Pumping Services, Inc.
- 11:45 am Lunch (included)
- 1:30 pm **Power Resilience for Reliable Control Systems**
Kamau Brown, Project Sales Engineer, Phoenix Contact
- 2:30 pm **Recovery & Reuse**
Tom Doherty, President, Dynatec Systems
- 3:00 pm **Combating the Opioid Epidemic through
Wastewater Surveillance**
Adam J Gushgari, PhD, P.E., Wastewater Surveillance
Technical Expert, Eurofins Environmental Testing
- 3:30 pm Session Ends

TUESDAY, SEPTEMBER 12, 2023

Tuesday Evening Session, September 12, 2023

**SESSION V - Professional Engineering Ethics and Studies -
Fall 2023**

Course # 03-072308-30 NYPE (2.0 TCH WWW) NYPE, NJPE & PAPE
CPWM Course NJWEA-DLGS-1320 2 Hr.
Ethics CPS Credit PA/NY/NJ PE – 2 credit hours

Moderator: Michael Roy, P.E., Old Bridge MUA

Instructor: Renard E. Barnes, Esq., General Counsel PS&S

Session will begin at 4:30 pm and conclude at 6:30 pm

GUESS WHAT ENGINEERS!

YOU CAN STAY OVER AND JOIN US FOR AN ENGINEERING MARATHON!

**3 Evening workshops,
Wednesday P.E. Workshop, and an
“Energy/Biosolids Workshop” on Thursday**
That is 16 CPC Credit Hours for Professional Engineers

Licensed Operators Please Be Advised!!

- The Responsibility for obtaining adequate TCHs for license renewal rests with the licensee.
- The course registrant name must appear EXACTLY as it appears on your license.
- The license number must appear EXACTLY as it appears on the license (with all digits including all zeros).
- The license classification must appear EXACTLY as it appears on the license.
- Only ONE license needs to be entered.

WEDNESDAY, SEPTEMBER 13, 2023

Wednesday, September 13, 2023

SESSION I - Utility Management – Operator Certification

Day 3 of 4

Course # 03-012209-30 Water & Wastewater 5 TCH

CPWM Course: NJWEA-DLGS-1216 5.0 Hrs. MGMNT

Moderators: **Frank Pestana**, Executive Director – North Bergen MUA
Carrie Ann Lyons, Lyons Environmental

- 8:30 am Session Starts
- 9:30 am Coffee Break (Included)
- 11:45 am Lunch (Included)
- 1:30 pm Session 3 Starts
- 3:30 pm Session Ends

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WEDNESDAY, SEPTEMBER 13, 2023

Wednesday, September 13, 2023

SESSION II – Collection System O&M - Cleaning

Course # 03-072309-30 (5.0 TCH) Water & Wastewater
CPWM Course NJWEA-DLGS-1321, 5.0 Hr. Tech

Moderator: Louis C. Lambe, Passaic Valley Sewerage Commission
Joseph Polomene, P.E., Sherwood Logan & Associates
Jonathan Mannarino, Township of Middletown Sewer Auth.

- 8:30 am Introduction to Cleaning
Louis C. Lambe, Passaic Valley Sewerage Commission
- 8:45 am Pigging, Ice Pigging, Smart Pigging
Blake Murphey, VP, American Pipeline Solutions
- 9:30 am 8" CIP Sanitary Lateral Under the New Jersey Turnpike,
Years of Build Up Scoured Away
Glenn Barbagallo, Sr. Licensed Operator, Stantec
- 10:00 am Coffee Break (included)
- 10:15 am Cleaning the Right Pipe at the Right Time Using Acoustics
Alex Churchill, CEO, InfoSense, Inc.
- 11:00 am Cleaning With the Right Nozzle and Live Field Demo
Walter Jenness, Tri State Environmental Services
- 11:45 am Lunch (included)
- 1:30 pm Buying the Right Truck for the Job & Keeping It Working Right
Brendan Tobin, Gabrielli Truck Sales
- 2:30 pm PVSC Main Interceptor Sewer Cleaning, Contract B165A
Steve Sauser, Project Mgr. CDM Smith
James Lounsbery, Exec. VP, National Water Main Cleaning Co
Dan Nuzzie, Project Mgr. National Water Main Cleaning Co
- 3:30 pm Session Ends

WEDNESDAY, SEPTEMBER 13, 2023

Wednesday, September 13, 2023

SESSION III – Safety - Fall 2023

Course # 03-072310-31 (5.0 TCH) Safety
CPWM Course NJWEA-DLGS-1322, 5.0 Hr.Tech.

Moderators: **Harry E. Smith III, CSM**, NJWEA Safety Committee Co-Chair
Daren DiFonzo, NJWEA Safety Committee Co-Chair,
Certified Health and Services
Rick Stafford, NJWEA Safety Committee Vice Chair

8:15 am **Confined Space Entry – OSHA 29 CFR 1910-146**
Too many workers are fatally and/or seriously injured due to the misapplication or failure to follow Confined Space safety procedures. Attendees will learn how to enter Confined Spaces properly and safely.
Presented by: Daren DiFonzo and Rick Stafford, NJWEA Safety Committee Team

9:45 am Coffee Break (included)

10:00 am **Confined Space Entry** (continued)

11:15 am **Atmospheric Testing Training, Equipment and Procedures**
OSHA Requires all employees to be trained on and understand the Equipment they operate.
Presented by: Daren DiFonzo and Rick Stafford, NJWEA Safety Committee Team

11:45 am Lunch (included)

1:30 pm **Control of Hazardous Energy – 29 CFR 1910.147**
Knowing and following the proper procedures to ensure equipment and machines are safe to work is most important. We will explore and learn how to effectively apply Lockout Tagout.
Presented by: Daren DiFonzo and Rick Stafford, NJWEA Safety Committee Team

3:30 pm Session Ends

WEDNESDAY, SEPTEMBER 13, 2023

Wednesday, September 13, 2023

SESSION IV - Professional Engineer Continuing Education Training - Fall 2023

Professional Engineer Continuing Ed. Training – Bridge Replacement, Design-Build Concepts, Sequencing Batch Reactor Design, Critical Infrastructure Cybersecurity and Generator Sizing.

Course # 03-072311-30 NYPE (5.0 TCH WWW) NYPE, NJPE & PAPE
CPWM Course NJWEA-DLGS-1323 5.0 Hr. Tech

Moderators: **Michael Roy, P.E.**, Old Bridge MUA
Danielle Farrell, P.E., Mott MacDonald
Srinivas Gidugu, P.E., Atane Consulting, Inc.

- 8:30 am **Century Road Bridge Replacement**
Nelson Hernandez, P.E.,
Structural Engineering Department Manager,
CME Consulting & Municipal Engineers
- 9:30 am Coffee Break (included)
- 9:45 am **Design-Build Concepts, Contracts, and Implementation**
David Applegate, P.E., Sr. Vice President
Water Resources, KIELY Family of Companies
- 10:45 am **Sequencing Batch Reactor (SBR) Design and Operation**
Christopher Evans, P.E., Equipment Sales Engineer
David J. Silverman, P.E., Manager of Process Solutions,
PSI Process and Equipment, Pumping Services, Inc.
- 11:45 am Lunch (included)
- 1:30 pm **Critical Infrastructure Cybersecurity**
Daniel E. Capano, Senior Construction Manager
GANNETT FLEMING Engineers and Architects, P.C.
- 2:15 pm **Being Prepared for the Unexpected – Generator Sizing**
Eric Lavin, Vice President,
Power Systems Atlantic Detroit Diesel
- 3:30 pm Session Ends

WEDNESDAY, SEPTEMBER 13, 2023

Wednesday Evening Session – September 13, 2023

**SESSION V - Evening – Construction Contracts
Supplementary Conditions and Odor Control**

Course # 03-072312-30 NYPE (2.0 TCH WWW) NYPE, NJPE & PAPE
CPWM Course NJWEA-DLGS-1324 2.0 Hr. Tech

Moderators: **Michael Roy, P.E.**, Old Bridge MUA
Kevin Haney, P.E., HAZEN and SAWYER

4:30 pm **Supplementary Conditions on Construction Contracts**
Kevin Haney P.E., Senior Associate, HAZEN and SAWYER

5:30 pm **When Odor Control Technology Just Ain't Good Enough**
Richard Pope, P.E., Odor Control Group Leader,
HAZEN and SAWYER

6:30 pm Session Ends

STAY OVER WITH THE NJWEA!!

**THE SHERATON IN EATONTOWN, NJ AND THE NJWEA
ARE OFFERING A DISCOUNTED ROOM RATE**

Sunday September 10, 2023 ~ September 14, 2023
Traditional Guest Room

To make reservations to stay one, two, three or four nights
with the NJWEA the following information is necessary:

Name of Group: NJWEA Tech Transfer
BLOCK CODE: (NJWEA)

Date of Arrival: Sunday, September 10, 2023
Date of Departure: Thursday, September 14, 2023

A \$50 incidental hold will be applied to the
reservation credit card(s) at check-in.

Check-in is at 3:00 PM and check-out is at 12:00 PM.

The hotel will accommodate any early arrivals
on a space available basis only.

Call the Sheraton at 1-732-542-6500

THURSDAY, SEPTEMBER 14, 2023

Thursday, September 14, 2023

SESSION I - Utility Management – Operator Certification

Day 4 of 4

Course # 03-012212-30 Water & Wastewater (5.0 TCH WWW)

CPWM Course NJWEA-DLGS-1219 (5.0 Hr. Mgmt)

Moderators: **Frank Pestana**, Executive Director, North Bergen MUA
Carrie Ann Lyons, Lyons Environmental

- 8:30 am Session 4 Starts
- 9:30 am Coffee Break (Included)
- 11:45 am Lunch (Included)
- 1:30 pm Session 4 Starts
- 3:30 pm Session Ends

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THURSDAY, SEPTEMBER 14, 2023

Thursday, September 14, 2023

SESSION II — Lab Workshop - Fall 2023

Water & Wastewater

Course # 03-072313-30 (5.0 TCH)

CPWM Course NJWEA-DLGS-1325, 5.0 Hr. Tech

Moderators: **Jennifer Marques**, Laboratory Director, PVSC
Chris Nally, President, American Aquatic Testing, Inc.

- 8:30 am **Opening Remarks**
- 8:45 am **NJDEP Regulatory Update**
Staff Member, NJDEP Office of Quality Assurance
- 9:45 am Coffee Break (Included)
- 10:00 am **Easier Recordkeeping and Calculations**
Ryan Larum, Quality Assurance Officer, Trenton Water
- 10:45 am **Implementing a Laboratory Information Management System (LIMS)**
Taylor Makin, Senior Account Executive, Clinisys
- 11:45 pm Lunch (Included)
- 1:30 pm **Ultra-Low range Total Chlorine Analysis**
Paul Handke, Applications Manager, HACH
- 2:30 pm **To Be Announced**
- 3:30 pm Session Ends

DID YOU KNOW?

The NJWEA offers Thousands of Dollars worth of Scholarships and Awards annually, to Middle School Students, High School Students, Associates Degree Students, Bachelors Degree Students, Masters Degree Students and Doctorate Students.

Visit WWW.NJWEA.ORG for more info.

THURSDAY, SEPTEMBER 14, 2023

Thursday, September 14, 2023

SESSION III - Maintenance Workshop - Fall 2023

Course # 03-072314-30 (5.0 TCH) W&WW

CPWM Course NJWEA-DLGS-1326, 5.0 Hr.Tech

Moderators: **Roman Wisniewski**, JMEUC Maintenance Manager, Retired
Mike Maffia, JMEUC Asst. Maintenance Manager

- 8:30 am **The Selection and Maintenance of U.V. Disinfection Systems**
Romeo Velo, Director of Engineering, Glasco UV
- 9:05 am **Valve Automation Fundamentals, Applications & Performance**
Bill Richardson Jr., President, RVA
- 9:40 am **How to be Predictive in Your Maintenance Goals**
Heather Lovero, Senior Solutions Architect
John Schrober, Vice President,
Partnerships Asset Watch.com
- 10:15 am Coffee Break (included)
- 10:30 am **Lifting Equipment Inspection and Compliance**
Brian Karas, District Sales Manager, Lift-All Company Inc.
- 11:45 am Lunch (included)
- 1:30 pm **Compressed Air Best Practices**
Gary Symonds, Senior Account Manager,
Air and Gas Tech. Inc.
- 2:10 pm **Introduction of Automatic Self-Cleaning Strainers**
Yuval Schwartz, Orival Inc.
- 2:50 pm **Analytic Analysis in Waste Water Treatment Plants**
MBA Necmi Selimoglu, Product Business Manager,
Endress + Hauser USA
- 3:30 pm Session Ends

THURSDAY, SEPTEMBER 14, 2023

Thursday, September 14, 2023

Session IV – Biosolids/Energy - Fall 2023

Wastewater

Course # 03-072315-20 (5.0 TCH) WW

Course NJWEA-DLGS-1327, (5.0 Hr.Tech) NYPE, NJPE & PAPE

Moderators: **Dr. Phil Pedros**, Mott MacDonald
Rich Crane, PS&S

- 8:30 am **Fleet EV**
Michelle Stark, CDM Smith
- 9:00 am **RNG using Biogas**
Jay Surti, East Region Biosolids Leader, GHD
- 9:30 am **Intensification by Autothermal Pyrolysis**
Dr. Phil Pedros, MM
- 10:00 am Coffee Break (included)
- 10:15 am **PFAS Removal and Destruction in Biosolids**
Dr. Mohammad Abu-Orf and Micah Blate,
Hazen and Sawyer
- 10:45 am **The Power of CHP in the Microgrid Context**
Eric Lavin, Vice President of Power Systems,
Atlantic & Florida Detroit Diesel
- 11:15 am **Current Biosolids Topic**
Jon Orr, Veolia
- 11:45 am Lunch (included)
- 1:30 pm **Biosolids Incineration and PFAS**
Michael Hilton, IFCO
- 2:00 pm **CCMUA Energy Management**
Laurie Weigand-Jackson, Utility Advantage
- 2:30 pm **SMRSA Net Zero Energy**
Ryan Krause, SMRSA Executive Director
- 3:00 pm **Hydrothermal Liquefaction for Biofuel Production**
John Willis, Brown and Caldwell
- 3:30 pm Session Ends

REGISTRATION - PAGE 1 OF 2

MAIL TO: **NJ Water Environment Association Registrar**
 PO BOX 737, Woodland Park, NJ 07424
 Tel: (973) 239-9200 - Fax: (973) 239-9239
Debbie Cardena, Registrar
 Email: dcardena@njwea.org

Online Registration: <https://tinyurl.com/57ft8wvd>

Registrant Name: _____

NJWEA/WEF MEMBER ID # _____ REGISTRANT CERTIFIES HE OR SHE IS QUALIFIED FOR PWO MEMBERSHIP AND WORKS AS A HANDS ON OPERATOR or MAINTENANCE TECH or LAB TECH IN A SEWERAGE SYSTEM OR WATER TREATMENT PLANT SYSTEM OR COLLECTION/DISTRIBUTION SYSTEM: YES: NO:

NEW MEMBER or **MEMBERSHIP RENEWAL:** YES NO

NOTE: THESE ARE PRE-REGISTRATION FEES - ON-SITE REGISTRANTS ADD \$12.00

Monday, September 11, 2023	Tuesday, September 12, 2023
___ I Utility Management \$135.00	___ I Utility Management \$135.00
___ II Unit Process. \$135.00	___ II AEA/NJWEA Joint Session . \$135.00
___ III Utility of the Future \$135.00	___ III Regulatory Updates \$135.00
___ IV DPW. \$135.00	___ IV Industrial Management. . . \$135.00
___ V Engineering, Evening. \$135.00	___ V Engineering Ethics \$135.00
Wednesday, September 13, 2023	Thursday, September 14, 2023
___ I Utility Management \$135.00	___ I Utility Management \$135.00
___ II Collection O & M. \$135.00	___ II Lab Workshop \$135.00
___ III Safety \$135.00	___ III Maintenance Workshop .. \$135.00
___ IV NY/NJ/PA PE Training. \$135.00	___ IV BioSolids \$135.00
___ V Engineering, Evening. \$135.00	

•• REGISTRANT MUST CHECK ALL SESSIONS THEY PLAN TO ATTEND ••

IF YOU ARE NOT A CURRENT NJWEA MEMBER YOU MUST CIRCLE ONE MEMBERSHIP CHOICE →

New / Renewal PWO Membership: Add \$117.00
 New / Renewal Professional Membership: \$182.00
 Young Professional Renewal: Add \$57.00
 NJ Associate Member \$55.00

PAYMENT AMOUNT DUE: (SUM & ENTER ON PG2) _____
 SUBMIT BOTH PAGES FOR REGISTRATION • PG 1 OF 2

REGISTRATION - PAGE 2 OF 2

**Faxed Registrations Must Include Credit Card or
Purchase Order Information To Receive Pre-Registration Rate**

- **PRE-REGISTRATION BY MAIL MUST BE POSTMARKED BY September 8, 2023**
- **PRE-REGISTRATION BY FAX ENDS September 8, 2023**
- **NO CANCELLATIONS ACCEPTED AFTER September 8, 2023**
- **Online Registration Ends September 10, 2023**

Non-member Registrations will receive either a ONE YEAR ACTIVE OR
PWO MEMBERSHIP OR RENEWAL in the NJWEA and WEF if eligible

PLEASE PRINT CLEARLY OR TYPE NAME AS IS APPEARS ON YOUR WW LICENSE

REG. DATE: _____

Last Name: _____

First Name: _____

Middle Initial: _____ Social Security No: XXX / XX / _____ (LAST 4 ONLY)

Billing Address Is: HOME WORK (check one)

Company Name: _____

BILLING ADDRESS: _____

City _____

State: _____ Zip _____

Phone: _____ Cell: _____

Fax: _____ Email: _____

NJDEP Operator License No. _____ (one license only, include zeros)

Licensed Operator Classification (i.e. S1, T4, etc.) _____

PAYMENT METHOD/Check/PO/Credit Card

Please make enclosed check or voucher payable to: "NJWEA"

PAYMENT AMOUNT DUE: (From Page One) _____

Check Enclosed PO/Voucher • PO NUMBER: _____

CREDIT CARD INFORMATION:

VISA MasterCard

NAME AS IT APPEARS ON CC: _____

Card No: _____

Expiration Date: _____ CVV2 # _____ (Last 3-digits on the signature area of the card)

Signature: _____

Approval # (For Office Use): _____

SEMINAR AND TECHNOLOGY TRANSFER COMMITTEE

CHAIRPERSONS:

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Christopher Pabst, Projects Manager, JMEUC

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Practice Leader, Jacobs

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Julian Chinelli, Hazen and Sawyer

Scott Conklin, Sea Girt Environmental

Steve Dowhan, JMEUC Retired

Casey De Baun, Assistant Registrar, NJWEA

James De Block, Executive Director, NJWEA

Robert De Block, Executive VP,
De Block Environmental Services,
Past President, NJWEA

Rick Eustace, Project Manager,
De Block Environmental Services,
Deputy Executive Director, NJWEA

Robert Fischer, Sr. Project Director, PS&S,
Treasurer, Past President, NJWEA

Srinivas Gidugu, Project Manager, HAKS

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Operations, Greeley and Hansen,
Vice President, NJWEA

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Rick Stafford, Retired

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**New Jersey Water
Environment Association**

P.O. Box 737
Woodland Park, NJ 07424

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