



# New Jersey Water Environment Association

PRESENTS



## THE 2025 Winter Technology Transfer Seminar

MARCH 10 - MARCH 13, 2025

Sheraton Eatontown Hotel

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

### NJWEA Officers

Francis Bonaccorso ..... President  
Michael J. Hope, P.E. .... President Elect  
Brian J. Brach, P.E. .... Vice President  
Robert Fischer ..... Treasurer  
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Richard Eustace ..... Deputy Executive Director

# MONDAY, MARCH 10, 2025

Monday, March 10, 2025

## OPERATOR LICENSE REVIEW SESSIONS

### SESSION Ia – Wastewater License Review & Re-qualification Course – Winter 2025

S 1-4, N 1-4: Day One  
Course # 03-011002 -20 (5.0 TCH - WW)  
NJWEA-DLGS-490 (5.0 Hr. Tech)

**Moderator:** Steve Dowhan, Superintendent, JMEUC, Retired

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

**Topics:** Math, RBC, Trickling Filters, Rules & Regs,  
Pumps & Hydraulics and Disinfection.

### SESSION Ib – Wastewater License Review & Re-qualification Course – Winter 2025

Course C 1-4: Day One  
Course #03-011003-20 (5.0 TCH - WW)  
NJWEA-DLGS-491 (5.0 Hr. Tech)

**Moderator:** Louis Lambe, PVSC

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

**Topics:** Licensing, sewer use ordinances, pipeline materials, appurtenances,  
pump stations, alternative facilities, flow, velocity, monitoring,  
hydraulics, pipe cleaning, CCTV, I&I, fats, roots, oils, grease, emergency  
response

# MONDAY, MARCH 10, 2025

**Monday, March 10, 2025**

## **SESSION II – WASTEWATER OPERATIONS - SPCC, DPCC & CHEMICAL HANDLING – Winter 2025**

Course # 03-012501-30 (5.0 TCH) WWW  
CPWM Course NJWEA-DLGS-1388, 5.0 Hr. Tech

- Moderators:** **Sean Sauder**, PS&S Project Manager, Water Resources  
**Eric Reichert**, RVRSA Licensed Operator and Plant Manager
- 8:30 am **Chemical Receiving and Storage**  
Janos Szeman, P.E, PS& S Vice President Remediation Samuel O’Boyle, PS&S
- 9:00 am **SPCC & DPCC Plans**  
Chris Meyers, ECM
- 9:30 am **Spill Response**  
Richard Linden Nantel – Chemtrade Logistics
- 10:00 am Coffee Break (Included)
- 10:15 am **Chemical Storage Solutions**  
Andrew Reusche, Design Plastics Systems  
Erik Shaw, Design Plastic Systems
- 10:45 am **SPCC from the E-JIF**  
Sunita Dhar, Ph.D., First Environment Inc.
- 11:15 am **Tips for the Safe Handling of water treatment chemicals**  
Chuck Clarke, USALCO. (Virtual)
- 11:45 am Lunch (Included)
- 1:30 pm **Chlor Alkali Chemical Management for Wastewater Operators: Safety, Compliance, & Response**  
Sarah Onofrio & Ken Carola, Kuehne Company
- 2:00 pm **NJDEP Bureau of Release Prevention**  
TBD, Look for updates on the NJWEA website events page.
- 2:30 pm **NJ Chemical Bulk Storage Regulations & Instrumentation**  
Owen Peters, Precision Digital
- 3:00 pm TBD  
Jim Hampson, North East Tech Sales
- 3:30 pm Session Ends

# MONDAY, MARCH 10, 2025

**Monday, March 10, 2025**

## **SESSION III – Utility of the Future – Winter 2025**

Course # 03-012502-30 (5.0 TCH) WWW

CPWM Course NJWEA-DLGS-1389, 5.0 Hr. Tech

**Moderators:** **Brian Valliere**, Superintendent, Borough of Mendham WWTP  
**Rich Padgitt, P.E.**, Lead Engineer, PS&S

- 8:30 am **Mitigating PFA's Transport within Carbon-Based Reclamation Facilities**  
Amy Hunter, AECOM
- 9:00 am **Foam Fractionation for PFAS Destruction**  
TBD, Ovivo Water
- 9:30 am **Enhanced Biological Nutrient Removal with an Intensified Flat Plate-MBR**  
Arsalan Sepehri, R&D Scientist, Kubota Water
- 10:00 am Coffee Break (Included)
- 10:15 am **Evaluating Ultra-Low Nutrient Removal Technologies: A Northeast Case Study**  
Nigel Beaton, Environmental Engineer, CDM Smith
- 10:45 am **Microplastic Removal Demonstration at the A CUA Wastewater Facility**  
Yidian Liu, Co-Founder Polygon
- 11:15 am **Reframing the Conversation on Emerging Contaminants**  
Anna Kloiber, Environmental Engineer, Brown and Caldwell
- 11:45 am Lunch (Included)
- 1:30 pm **Setting New Jersey Up for Real Time Decision Support Using Artificial Intelligence -**  
Richard Loeffler, Client Solutions Manager, Xylem Digital Solutions
- 2:00 pm **Over 82% of companies worldwide are using or exploring Artificial Intelligence (AI).**  
The afternoon session will continue to focus on the ever-increasing role of AI in society, including the sectors of business, energy, industry, and most importantly, utilities. How is AI influencing the water and wastewater profession now and what does the future hold? Join us to learn more about this exciting development.
- 3:30 pm Session Ends

# MONDAY, MARCH 10, 2025

**Monday, March 10, 2025**

## **SESSION IV – Safety Session – Winter 2025**

Course # 03-012503-31 (5.0 TCH) Safety

CPWM Course NJWEA-DLGS-1390, 5.0 Hr. Tech

**Moderators:** **Frank Dykas** – NJ Safety Services LLC  
Chairman – NJ WEA Safety Committee  
**Harry Ladisheff** – Bayshore RSA – NJWEA SC Vice-Chair  
**Rick Stafford** – Resin Solutions – NJWEA SC Member

8:30 am **Complacency Kills –**  
The biggest threat to any safety program is when an employee considers safety an afterthought. We will discuss the factors that cause this problem and ways to revitalize your safety program with a strategy.  
Anthony Correia – NJ Safety Services LLC – SC Member  
Frank Dykas – NJ Safety Services LLC

10:00 am Coffee Break (Included)

10:15 am **Safety Leadership –**  
We will discuss the factors that enhance the safety program within your organization. This class is designed around supervisory personnel who may struggle with employee compliance.  
Anthony Correia – NJ Safety Services LLC – SC member

11:45 am Lunch (Included)

1:30 pm **Heat Injury and Illness Prevention -**  
We will present a case study of a new proposed OSHA rule for Heat Stress in the workplace. The steps necessary to prevent illness and injury based on workplace conditions.  
Nick Mueller – Camden County MUA  
Frank Dykas – NJ Safety Services LLC

2:30 pm **The ABCDs of Fall Protection**  
Falls are a leading cause of lost time accidents in the workplace. We will discuss the different components of fall protection systems to prevent injury.  
Frank Dykas – NJ Safety Services LLC

3:30 pm Session Ends

# MONDAY, MARCH 10, 2025

**Monday, March 10, 2025**

## **SESSION V – Young Professionals – Evening – Winter 2025 Owner’s Perspective on Projects, Update on New Products for the Wastewater Industry and Wastewater Design.**

Course # 03-012504-30 (2.0 TCH WWW) NYPE, NJPE & PAPE  
CPWM Course NJWEA-DLGS-1391, 2.0 Hr. Tech 2.0

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

4:30 pm **The Owner’s Perspective on Projects**  
Brian Carey, Two Bridges Sewer Authority

5:10 pm **An Update on New Products for the Wastewater Industry**  
Nick Picozzi, Iron Horse Environmental

5:50 pm **Wastewater Design Topics**  
Mark Coimbra, Mott MacDonald

6:30 pm **Session Ends**

# ATTENTION YP HAPPY HOUR

After the presentations and courses are complete, come to the Urbane Restaurant and Lounge for some networking and relaxation. There will be refreshments and hors d’oeuvres provided

**Monday, March 10, 2025, 6:45 pm to 8 pm**

Sponsored By:

 **DE BLOCK  
ENVIRONMENTAL  
SERVICES, LLC**

Tuesday, March 11, 2025

## OPERATOR LICENSE REVIEW SESSIONS

### SESSION Ia – Wastewater License Review & Re-qualification Course – Winter 2025

Course S 1-2: Day Two

Course # 03-011004-20 (5.0 TCH - WW)

NJWEA-DLGS-492 (5.0 Hr. Tech)

**Moderator:** Steve Dowhan, Superintendent, JMEUC, Retired

8:30 am Session Starts

9:45 am Coffee Break (Included)

11:45 am Lunch (Included)

3:30 pm Session Ends

**Topics:** Biological Treatment, Primary Treatment, Solids Handling, Nitrification

### SESSION Ib – Wastewater License Review & Re-qualification Course – Winter 2025

Course N 1-4: Day Two

Course # 03-011005-20 (5.0 TCH - WW)

NJWEA-DLGS-493 (5.0 Hr. Tech)

**Moderator:** Ron Suto, AQUA America

8:30 am Session Starts

9:45 am Coffee Break (Included)

11:45 am Lunch (Included)

3:30 pm Session Ends

**Topics:** Biological Industrial Treatment Processes, Physical/Chemical Treatment, Oil-Water Separation, pH Adjustment, Coagulation, Flocculation, Sedimentation, Chlorination, Sludge Treatment Processes, IPP Rules, Lab Procedures, Using Lab Results to Control Industrial treatment Processes, Lab Micro, SBRs, Enhanced Biological Treatment, Metal Waste

Tuesday, March 11, 2025

## SESSION II – Hazardous Materials Transportation Compliance – Winter 2025

Course # 03-012406-30 WWW (5.0 TCH)

NJWEA-DLGS-1332, 5 HRTech

Department of Transportation – HMR 172.704

### Presented and Moderated by: Thomas Greci

Tom Greci is a Technical Manager and Principal for Environmental Compliance Monitoring, Inc. (ECM). Mr. Greci has more than 40 years of experience working in the environmental field. His experience includes environmental management, regulatory compliance training, hazardous waste management, site remediation, laboratory analysis, ecological studies, and safety. The Federal hazardous materials (HAZMAT) law was developed to protect against the risks to life, property, and the environment which are inherent in the transportation of hazardous materials. The Department of Transportation (DOT) HAZMAT Regulations (HMR; 49CFR Parts 171-180) govern the labeling, packaging, conveying, and safe transportation of hazardous materials by air, highway, rail, and by water. As stated in the Code of Federal Regulations (CFR), a hazardous materials employer meeting the definition of a hazardous material shipper is required to provide HAZMAT training to its employees. HAZMAT training is required by the DOT for any employee responsible in the shipping of hazardous materials. Employers are also required to maintain documentation relative to the training and provide refresher training every three years. In many instances, industrial facilities and municipal authorities ship and receive hazardous materials making them applicable to the regulations.

NJWEA, in conjunction with ECM, Inc., will prepare a HAZMAT training program that includes topics considering general awareness and familiarization, function specific criteria, security, and safety. This five-hour training course will satisfy initial and three-year refresher DOT training requirements for a HAZMAT employer.

8:30 am      **Sign-In - Introduction Summary of the Regulations Video – “Hazardous Materials: General Awareness & Familiarization”, USDOT**

10:00 am      Coffee Break (Included)

10:15am      **Hazard Material Identification/Classification HAZMAT Table (CFR 172.101) Shipping Papers Markings and Labeling Placarding**

11:45 am      Lunch (Included with Registration)

1:30 pm      **Packaging Understanding Materials of Trade Regulations Health & Safety Emergency Response Security Awareness USDOT Available Support & Documents General Discussion/ Q&A Test - Review Summary Review and Close-out**

3:30 pm      Session Ends



**Tuesday, March 11, 2025**

## **SESSION III – Collection O&M – Winter 2025**

Course # 03-012505-20 (5.0 TCH WW)

CPWM Course NJWEA-DLGS-1392, 5.0 Hr. Tech

CPS Credit NY/NJ PE – 4.5 credit Hours

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

8:30 am **We Have Identified the Infiltration and Inflow, What's Next?**  
Louis C. Lambe, PVSC

9:00 am **Cleaning and Inspection Before and After Rehabilitation**  
Walter Jenness, Tri State Environmental Services

9:30 am **Bypass Pumping for Collection Systems**  
Ryan Booth, Vice President, PSI Process

10:00 am Coffee Break (Included)

10:15 am **Bypass Pumping for Collection Systems - Continued**  
Ryan Booth, Vice President, PSI Process

10:45 am **Extending the Life of Critical Infrastructure with Class III & IV Structural Lining Solutions,**  
Brian Goad, PE, Insituform Technologies, LLC

11:45 am Lunch (Included)

1:30 pm **Trenchless Applications for Fiber Reinforced Polymer Mortar Pipe**  
Bryan Wech, Hobas Pipe USA

2:15 pm **So You've Taken The Plunge to Rehabilitate Your Manholes, Now What?**  
Michael Whalen, Sr. Water Specialist, Kleinfelder

2:45 pm **Pipe Bursting Mainline Water & Sewer, Including Lead Services**  
Alan Goodman, HammerHead Trenchless

3:30 pm Session Ends

# TUESDAY, MARCH 11, 2025

**Tuesday, March 11, 2025**

## **SESSION IV – Preventing/Exploring/Addressing Challenges/ Issues at Today’s Water Resource Recovery Facilities – Winter 2025**

Course # 03-012506-30 (5.0 TCH) WWW

CPWM Course NJWEA-DLGS-1393, 5.0 Hr. Tech

CPS Credit NY/NJ PE – 5.0 Credit Hours

**Moderators:** **Jim Wancho, PE**, Vice President, PS&S, LLC  
**Sophia Oselador**, Senior Project Designer, PS&S, LLC

- 8:30 am **Bergen County Utilities Authority:  
Updating Aging Infrastructure**  
Dominick DiSalvo, Director of Engineering, BCUA
- 9:15 am **Joint Meeting of Essex and Union Counties: Using  
Operational Changes to Fight and Mitigate Nocardia Foaming**  
Fran Bonaccorso, Superintendent, JMEUC  
Roger Marques, Operations Mgr, JMEUC
- 10:00 am Coffee Break (Included)
- 10:15 am **Evaluating PFAS Technology, Case Study**  
Mark Koester, CEO, Koester Associates
- 11:15 am **The Benefits of Program Management**  
Steven Berezcki, President & CEO, Executrek Systems LLC
- 11:45 am Lunch (Included)
- 1:30 pm **Post Construction Evaluation of Energy  
Efficiency Improvements**  
Gregory Sullivan, PE, PP, CME, Senior Associate,  
Remington & Vernick Engineers
- 2:15 pm **Basic Instrumentation and Controls**  
Jerry Oselador, Senior Controls Specialist,  
Longo Electrical Mechanical Inc.
- 2:45 pm **Suggested Electrical Maintenance on  
Plant Wide Pumping Systems**  
Sophia Oselador, Senior Project Designer, PS&S, LLC
- 3:30 pm Session Ends

**TUESDAY, MARCH 11, 2025**

**Tuesday, March 11, 2025**

## **Tuesday Evening Session – Professional Engineering Ethics and Studies – Winter 2025**

Course #03-012409-30 (2.0 TCH WWW) NYPE, NJPE & PAPE  
CPWM Course NJWEA-DLGS-1335 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!**

**2 EVENING WORKSHOPS,  
Monday Evening YP, Tuesday Evening Ethics,  
Wednesday P.E. Workshop, and an  
“Energy Workshop” on Thursday**

That is 14 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, MARCH 12, 2025

Wednesday, March 12, 2025

## OPERATOR LICENSE REVIEW SESSIONS

### SESSION Ia – Wastewater License Review & Re-qualification Course – Winter 2025

Course S 3-4: Day Two  
Course #03-011006-20 (5.0 TCH-WW)  
NJWEA-DLGS-494 (5.0 Hr. Tech)

**Moderator:** Steve Dowhan, Superintendent, JMEUC, Retired

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

**Topics:** Lab Procedures, Using Lab Results to Control Processes, Math, Utility Management, Sludge Digestion, Advanced Wastewater, Nutrient Removal, Odor Control

### SESSION Ib – Wastewater License Review & Re-qualification Course – Winter 2025

Course C 1-2: Day Two  
Course #03-011008-20 (5.0 TCH-WW)  
NJWEA-DLGS-496 (5.0 Hr. Tech)

**Moderator:** Louis Lambe, PVSC

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

**Topics:** Plans and Specs, Trenching, Bedding & Backfill, Pumping, Hydraulics, Math, Safety, Collection System Hazards, Traffic Control, Confined Space Entry, Odors, Corrosion, Hydrogen Sulfide

# WEDNESDAY, MARCH 12, 2025

**Wednesday, March 12, 2025**

## **SESSION II – Water & Wastewater Operations – Winter 2025**

Course # 03-012507-30 (5.0 TCH WWW)

CPWM Course NJWEA-DLGS-1394, 4.0 Hr. Tech, 1.0 Hr. Ethics

**Moderators:** **Joseph Polomene, P.E.**, Sherwood Logan & Associates  
**Joe Polomene**, Joint Meeting of Essex & Union Counties

- 8:30 am **Self Priming Pumps & Technologies**  
To Be Announced, Pioneer Pump
- 9:15 am **High Speed Turbo Blowers**  
Omar Hammoud, APG Neuros
- 9:45 am **Gas Turbines**  
Omar Hammoud, APG Neuros
- 10:15 am Coffee Break (Included)
- 10:30 am **Dewatering**  
Jim Hanson, GEA
- 11:15 am **Odor Control**  
Dean Parker, Biorem
- 11:45 am Lunch (Included)
- 1:30 pm **Anomnox**  
Victoria Bates, RM Kruger
- 2:00 pm **Pumping Fundamentals**  
Jake Scherer, Koester Associates
- 2:30 pm **Ethics for Water & Wastewater Professionals and Communications between Municipalities & Engineers**  
Mark Koester, Koester Associates
- 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](http://WWW.NJWEA.ORG) for more info.**

# WEDNESDAY, MARCH 12, 2025

**Wednesday, March 12, 2025**

## **SESSION III – Information Technology – Winter 2025 “Fortifying the Future”**

Course # 03-012508-30 (5.0 TCH) WWW

CPWM Course NJWEA-DLGS-1395, 5.0 Hr. Tech

**Moderators:** **Sorin Astalus**, Joint Meeting of Essex & Union Counties  
**Michael Phillips**, Joint Meeting of Essex & Union Counties

- 8:30 am **Hacked: A Story of Hacking People**  
Rocco Mandaglio, Computer Systems Administrator  
Passaic Valley Sewer Commission
- 9:30 am **SCADA: Redundancy, Contingency, and Efficiency**  
Oliver Cavalli, Senior SCADA Network Engineer,  
PSI Process
- 10:00 am Coffee Break (Included)
- 10:15 am **SCADA continued...**
- 10:45 am **Protecting the Pipes: Navigating Cybersecurity in the Wastewater Sector and Critical Infrastructure at Large**  
Krista Valenzuela, Bureau Chief  
New Jersey Cybersecurity & Communications Integration Cell
- 11:45 am Lunch (Included)
- 1:30 pm **The Human Factor: Building a Cybersecurity-Aware Workforce**  
Gregory Jno.Baptiste, Network & Instrum. Coordinator,  
Two Rivers Water Reclamation Authority
- 2:30 pm **Security Critical Infrastructure: Challenges and Controls**  
Sheshananda Reddy Kandula, Sr. Security Engineer  
Adobe
- 3:30 pm Session Ends

# WEDNESDAY, MARCH 12, 2025

**Wednesday, March 12, 2025**

## **SESSION IV – Professional Engineer Continuing Education Training – Winter 2025**

Course # 03-012509-30 (5.0 TCH WWW) NYPE, NJPE & PAPE  
CPWM Course NJWEA-DLGS-1396 5 Hr. Tech  
CPS Credit PA/NY/NJ PE – 5 credit Hours

**Moderators:** **Kevin Haney, P.E.**, HAZEN  
**Srinivas Gidugu, P.E.**, Atane Consulting, Inc.  
**Michael Roy, P.E.**, Old Bridge MUA

**Course Description: TBD, PFAS Destruction Techniques, GIS Mapping, Rehabilitation of a Grit Facility at BRSA, and TBD**

- 8:30 am **Topic: TBD**  
Kevin Wynn, P.E., Associate, Mott MacDonald, Iselin, NJ
- 9:30 am Coffee Break (Included)
- 9:45 am **PFAS Destruction Techniques**  
David Silverman, P.E., Pumping Services, Inc. of Middlesex, NJ
- 10:45 am **It's 10:45 am, Do You Know Where Your Pipes Are? The Old Bridge MUA GIS Mapping System Does.**  
Katherine Foster, P.E., R3M Engineering, Old Bridge, NJ  
Robert Parrillo, R3M Engineering, Old Bridge, NJ  
Ernie Gillians, Sewer Division Superintendent, Old Bridge MUA
- 11:45 am Lunch (Included)
- 1:00 pm **The Rehabilitation of BRSA's Grit Facility-Navigating the Gritburg**  
Nicholas Bowen, P.E., HAZEN and SAWYER, Iselin, NJ
- 2:00 pm **Wastewater Protective Coatings**  
Murray Heywood, Corrosion Probe, Inc. (CPI), Centerbrook, CT
- 3:00 pm Session Ends

**WEDNESDAY, MARCH 12, 2025**

**Wednesday, March 12, 2025**

**Wednesday Evening Session – Winter 20255**

**SESSION V – The Fundamentals of Asset Management**

Course # 03-012510-30 (2.0 TCH WWW) NYPE, NJPE & PAPE

CPWM Course NJWEA-DLGS-1397 2 Hr. Tech

CPS Credit PA/NY/NJ PE – 2 Credit Hours

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

4:30 pm

**Fundamentals of Asset Management**

Keith W. Henderson, P.E., Senior Program Manager

CME Associates, Parlin, NJ

**The session will begin at 4:30 pm and conclude at 6:30 pm**

**STAY OVER WITH THE NJWEA!!**

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

**Sunday, March 9, 2025 ~ Thursday, March 13, 2025**

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**

Date of Arrival: Sunday, March 9, 2025

Date of Departure: Thursday, March 13, 2025

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, MARCH 13, 2025**

**Thursday, March 13, 2025**

## **OPERATOR LICENSE REVIEW SESSIONS**

### **SESSION I – Wastewater License Review & Re-qualification Course – Winter 2025**

Course C 3-4: Day Two  
Course #03-011009-20 (5.0 TCH-WW)  
NJWEA-DLGS-497 (5.0 Hr. Tech)

**Moderator:** **Louis Lambe, PVSC**

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

**Topics:** Rehab & Repair of Sewer lines, Manholes, Service Laterals, Pump Stations, GIS, Asset Management, Record Keeping, Report Writing, Public Relations, Security Measures, Math, Pumping, Hydraulics, Pump Station Guidance Doc, Collection System Guidance Doc

## **NJWEA John J. (Jack) Lagrosa 110th 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 manufactures and their representatives in a relaxed, informal setting to learn about their latest products.

**May 5, 2025 to May 9, 2025**

Harrah's Resort, Atlantic City

**Visit [NJWEA.ORG](http://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](mailto:dcardena@NJWEA.org)

Thursday, March 13, 2025

## SESSION II – Biosolids & Energy – Winter 2025

Course # 03-012511-20 (5.0 TCH) WW

CPWM Course NJWEA-DLGS-1398, 5.0 Hr. Tech

CPS Credit PA/NY/NJ PE – 5 Credit Hours

<b>Moderators:</b>	<b>Jay Surti, P.E.</b> , Wastewater Treatment and Recycling Service Line Leader - Americas, GHD <b>Josh Ferguson, P.E.</b> , Project Engineer, AECOM
8:30 am	<b>Session Learning Objectives and NJWEA Biosolids Committee Survey</b> Jay Surti, PE, Wastewater Treatment & Recycling Service Line Leader - Americas, GHD Josh Ferguson, P.E., Project Engineer, AECOM
8:45 am	<b>Technical Overview and Comparison of Major Dewatering Technologies</b> Ed Zalewski, Sherwood Logan & Associates Michael Raczak, Sherwood Logan & Associates
9:45 am	Coffee Break (Included)
10:00 am	<b>EVs &amp; EV Infrastructure Projects – Savings Associated with Fleet Electrification, incentives, NJ contracting and community charging opportunities</b> Laurie Wiegand-Jackson, President, Utility Advantage, LLC
10:30 am	<b>Co-Digestion Practices: Regulatory Insights in NJ-NY Area and Case Studies</b> Shirin Estahbanati, PhD, PE, Senior Environmental Engineer, First Environment, Inc.
11:00 am	<b>Challenges and Benefits of Co-Digestion Program: Case Studies in Water Resource Recovery Facilities</b> Ganesh Rajagopalan, PhD, PE, BCEE, National Resource Recovery Practice Lead, AECOM
11:45 am	Lunch (Included)
1:30 pm	<b>Ocean County Utilities Authority: Biosolids Program and Updates</b> Robert Shertenlieb, Senior Director, Operations and Maintenance
2:00 pm	<b>Supercritical Water Oxidation: A Breakthrough Technology for Eliminating PFAS and Emerging Contaminants in Biosolids</b> Sudhakar Viswanathan, Vice President, 374Water
2:30 pm	<b>Biosolids Working Group – Panel Discussion</b> Paul Knowles, PhD, PE, ENV SP, LEED GA Senior Associate, Hazen & Sawyer Thomas Laustsen, PE, Chief Operating Officer, Passaic Valley Sewerage Comm
3:30 pm	Session Ends

# THURSDAY, MARCH 13, 2025

**Thursday, March 13, 2025**

## **SESSION III – Maintenance Workshop – Winter 2025**

Course # 03-012512-30 NYPE (5.0 TCH WWW)

CPWM Course NJWEA-DLGS-1399 5 Hr. Tech

**Moderators:** **Roman Wisniewski**, Consultant, Grignard Company  
**Mike Maffia**, JMEUC, Asst. Maintenance Manager  
**Al Zamora**, Regional Manager-Water Wastewater Division,  
Eastern Controls

8:30 am **Maintenance of Various Dewatering Equipment**  
Chris Boyd, Director of Sales, Charter Machine Company

9:10 am **Selecting the Proper Adhesives**  
J. Paul Suydam, N.J. Territory Sales Engineer,  
Henkel Adhesives Technologies

9:45 am **Maintenance and Selection of Corrosion-Resistant Tanks**  
E.J. Monahan III, President, Coastal Technical Sales Inc.

10:15 am Coffee Break (Included)

10:30 am **Pump Seal Replacement**  
Roman Wisniewski, Consultant, Grignard Company

11:00 am **Choosing the Proper Abrasives and Cutting Wheels**  
John Hines, District Sales Manager, Weiler Abrasives Group

11:45 am Lunch (Included)

1:30 pm **Aeration Blower Maintenance Overview**  
Travis Snead, District Manager-Kaeser Blowers

2:10 pm **Tankless Water Heater Selection and Maintenance**  
Vicki White, Sales Integrator, Maloney and Curcio Inc.

2:50 pm **Maintenance and Troubleshooting of Water Control Valves**  
Andrew Furman, Cla-Val Area Manger, Cla-Val Company

3:30 pm Session Ends

# THURSDAY, MARCH 13, 2025

**Thursday, March 13, 2025**

## **Session IV – Administrative Operations – Winter 2025**

Course # 03-012513-30 (5.0 TCH WWW)

CPWM Course NJWEA-DLGS-1400, 5.0 Hr. Tech

**Moderators:** **Carrie Anne Lyons**, Lyons Environmental Services, LLC  
**Donna Lyons**, Lyons Environmental Services, LLC

8:30 am **Project Funding Opportunities** (waiting on title from speaker)  
Katherine Foster, R3M Engineering Inc.,  
Stacey L. Felts Bock, R3M Engineering Inc.

9:30 am **Contracts and Co-ops**  
Brendan Tobin, NJ Government Sales Manager,  
Gabrielli Truck Sales

10:00 am Coffee Break (Included)

10:15 am **Contracts and Co-ops Continued....**

11:15 am **Right Tool for the Job**  
Brendan Tobin, NJ Government Sales Manager,  
Gabrielli Truck Sales

11:45 am Lunch (Included)

1:30 pm **Leadership and Succession Planning**  
(waiting on RVSA approval)  
Natalie Pisarcik, IPP Coordinator, Rockaway Valley S.A.

2:00 pm **Case Study on the 1920's Radium Girls –  
Highlighting Workplace Safety and Awareness**  
Howard Spencer, Safety Consultant with Signature Safety  
Certified Safety Professional, CSP, CHCM and CPSI

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/yzc8cr5r>**

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, March 10, 2025	Tuesday, March 11, 2025
____ Ia Licensed Operator Rev . . . . . \$150.00	____ Ia Licensed Operator Rev . . . . . \$150.00
____ Ib Licensed Operator Rev . . . . . \$150.00	____ Ib Licensed Operator Rev . . . . . \$150.00
____ II Wastewater Operations . . . . . \$150.00	____ II Hazmat . . . . . 150.00
____ III Utility of the Future . . . . . \$150.00	____ III Collection O&M . . . . . \$150.00
____ IV Safety . . . . . \$150.00	____ IV Challenges and Issues . . . . . \$150.00
____ V Young Professionals . . . . . \$50.00	____ V Engineering Ethics . . . . . \$75.00
Wednesday, March 12, 2025	Thursday, March 13, 2025
____ Ia Licensed Operator Rev . . . . . \$150.00	____ I Licensed Operator Rev . . . . . \$150.00
____ Ib Licensed Operator Rev . . . . . \$150.00	____ II Biosolids & Energy . . . . . \$150.00
____ II Water & Wastewater Ops . . . . . \$150.00	____ III Maintenance Workshop . . . . . \$150.00
____ III IT / SCADA / Mission . . . . . \$150.00	____ IV Administrative Operations . . \$150.00
____ IV NY/NJ/PA PE Training . . . . . \$150.00	
____ V Engineering Evening . . . . . \$75.00	

**• • 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 \$119.00 New / Renewal Professional Membership: . . . . . \$186.00 Young Professional Renewal: . . . . . Add \$65.00 NJ Associate Member . . . . . \$55.00
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**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 March 5, 2025
- PRE-REGISTRATION BY FAX ENDS March 7, 2025
- NO CANCELLATIONS ACCEPTED AFTER March 7, 2025
- Online Registration Ends March 7, 2025

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): \_\_\_\_\_

### SUBMIT BOTH PAGES FOR REGISTRATION • PG 2 OF 2

# SEMINAR AND TECHNOLOGY TRANSFER COMMITTEE

## CHAIRPERSONS:

**Joanne Mancuso**, Retired

**Christopher Pabst**, Projects Manager, JMEUC

Sorin Astalus, JMEUC, IT Committee, NJWEA

Maria Bausch, PE, ENV SP,  
Senior Project Engineer, CDM Smith

Francis Bonaccorso, Superintendent, JMEUC,  
President, NJWEA

Joseph Bonaccorso, Project Manager,  
CME Associates, Past President, NJWEA

Brian J. Brach, P.E., Executive Director,  
MRRSA, NJWEA Vice President

Liam Campbell, JMEUC

Debbie Cardena, Registrar, NJWEA

Dan Carey, Operations Manager,  
Magnum Vac Service

Jason Chase, Harper-Haines

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., Director, PS&S, Treasurer,  
Past President, NJWEA

Srinivas Gidugu, Atane Consulting, Inc.

Thomas Greci, President, ECM,  
Past President, NJWEA

Chris Hoffman, Retired, NJDEP

Michael Hope, President, Greeley and  
Hansen, President Elect, NJWEA

Harry Ladisheff, Operator, Bayshore Reg.  
Sewerage Authority

Louis Lambe, PVSC, NJWEA Delegate to WEF

Carrie-Anne Lyons, Lyons Environmental

Donna Lyons, Laboratory Supervisor,  
Lyons Environmental

Jennifer Marques, PVSC

Terry McHugh Owner, All's Clear Services

Humbert Mortola, JMEUC,  
IT Committee, NJWEA

Chris Nally, American Aquatic Testing

Lisa Oberreiter, Superintendent, MCUA

Jesse Ordner, JMEUC

Dennis Palmer, President  
Denali Engineering, LLC

Donna Peteja, Retired

Frank Pestana, Executive Director,  
North Bergen MUA

Joseph Polomene, P.E.,  
Sherwood Logan & Associates

Michael Roy P.E., Executive Director  
Old Bridge Municipal Utilities Authority

Sean Sauder, PMP,  
Senior Project Manager, PS&S

Bruce Smith, Comptroller, NJWEA

Harry Smith,  
Affordable Safety Compliance, LLC

Rick Stafford, Engineered Resin Solutions

Jay Surti, Service Line Leader,  
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Brian Valliere, Superintendent,  
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Ramon Vara, Retired

James Wancho, P.E., Vice President,  
Paulus, Sokolowski & Sartor

Joseph Wiewiorski, JMEUC

Roman Wisniewski, Consultant,  
Grignard Company



**New Jersey Water  
Environment Association**

P.O. Box 737  
Woodland Park, NJ 07424

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