



New Jersey Water Environment Association PRESENTS



THE 2025 Fall Technology Transfer Seminar

OCTOBER 20 — OCTOBER 23, 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
James De Block.	Executive Director
Richard Eustace	Deputy Executive Director

MONDAY, OCTOBER 20, 2025

Monday, October 20, 2025

SESSION I – Utility Management – Operator Certification

Day 1 of 4

Course # 03-012201-30 Water & Wastewater

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

Moderator: **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.**

It is the goal of the NJWEA to roll out this curriculum in an effort to introduce water and wastewater professionals to material to enhance their management skills and expose them to material that can be seen on higher level NJDEP Licensing Exams.

Upon the completion of the 4-day course, Identify the functions of a manager, describe the benefits of short-term, long-term, and emergency planning, define the following terms: Authority, Responsibility, Delegation, Accountability, Unity of command.

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's facilities. Set up a safety program for their utility. Collect, organize, file, retrieve, use, and dispose of utility records.

Monday, October 20, 2025

SESSION II UNIT PROCESS — HEADWORKS AND EFFLUENT TECHNOLOGIES

Course # 03-092501-20 (5.0 TCH) WW
CPWM Course NJWEA-DLGS-1432, 5.0 Hr. Tech.

Moderators: **Sean Sauder**, PS&S
Eric Reichert, RVRSA

- | | |
|----------|--|
| 8:30 am | Reducing Clogging in Centrifugal Pumps
Ed Dunn, Trillium Flow Technologies |
| 9:00 am | Flow Control Basics: Valves, Gates, and Actuators
Tripp Waymack, REXA |
| 9:45 am | Coffee Break (included) |
| 10:00 am | Wastewater Screen Tech. & Design Considerations
Paul Ravelli, Hydro Dyne Engineering |
| 10:15 am | Restore Resilience from Flushable Wipes
Paul Jezuit, DUPERON |
| 10:45 am | Odor and Corrosion in the Plant Deadworks
George Federico, Theia LLC |
| 11:15 am | Grit Happens - Sustainable Solutions for Grit Management
Matt Bodwell, Hydro International |
| 11:45 am | Lunch (included) |
| 1:30 pm | Retrofitting UV Systems with NONCON UV Technology
Romeo Vella, Glasco UV |
| 2:00 pm | Chemical Storage Solutions & Best Practices
Erick Shaw, Mid Atlantic Industrial Supplier |
| 2:30 pm | Cloth Media Filtration to Remove Microplastics
Josh Gable, Aqua-Aerobic Systems |
| 3:00 pm | Valves: Applications, Best Practices, and Maintenance
Matt Miller, MPI McWane |
| 3:30 pm | Session Ends |

Monday, October 20, 2025

SESSION III – Improving the Public Wastewater S License Exam Passing Rate

Course # 03-092502-20 (5.0 TCH) WW

CPWM Course NJWEA-DLGS-1433, 5.0 Hr. Tech.

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

- 8:30 am **NJWEA Roadmap for Improvement – Analysis and Recommendations for Improvement on the Public Wastewater Operator S Licensing Exam Low Passing Rate**
Robert C. Fischer – Senior Director, PS&S and
Chairman, NJWEA Long Range Planning Committee
- 9:30 am Coffee Break (included)
- 9:45 am **Working with Unit Analysis & Conversions – A Key that Opens the Door to Successful Math Problem Solving**
Joseph Bonaccorso – Project Manager, CME Associates
- 11:15 am **NJDEP Statistical Look at S Licensed Operator Exam Results**
Joseph du Rocher, Section Chief, NJDEP Planning and Program
Coordination – Division of Water Supply & Geoscience
- 11:45 am Lunch (included)
- 1:30 pm **Guidance from the New Jersey Water Supply & Wastewater Operators Board of Examiners on Getting your Exam Application Approved**
Robert Genetelli, Supt. Northwest Bergen County S.A.
Chair, NJDEP Board of Examiners
Ronald Anastasio, Executive Director, Somerset Raritan Valley
Regional Sewerage Authority Wastewater Representative,
NJDEP Board of Examiners
- 2:30 pm **Water Professionals International – WPI – Big Changes for the 2025 Public Wastewater Operator Standardized Examination (Virtual)**
Thomas Healy, Vice President, Water Professionals
International (formally ABC)
- 3:30 pm Session Ends

MONDAY, OCTOBER 20, 2025

Monday, October 20, 2025

SESSION IV Municipal DPW — SAFETY — FALL 2025

Course # 03-092503-31 (5.0 TCH) SAFETY

CPWM Course NJWEA-DLGS-1434, 5.0 Hr. Tech

Moderators: **Dan Carey**, Magnum Vac Service
Carl Bowles, Retired

- 8:30 am **Using Combo Trucks for Trench Rescue**
The do's and don'ts of using the right equipment when conducting an emergency rescue in a trench collapse situation. Rules, regulations and Municipal protocol to act and conduct such a dangerous task.
Brendan Tobin, Gabrielli Truck Sales, Inc.
- 10:00 am Coffee Break
- 10:15 am **Using Hydro Ex for a Safe Work Site**
The do's and don'ts of using the right equipment when conducting a Safe Work Site situation. Rules, regulations and Municipal protocol to act and conduct such a dangerous task.
Dan Carey, Magnum Vac Service
- 11:45 am Lunch
- 1:30 pm **Detecting Hidden Drug and Bomb Labs**
Understand why, where and know-how to the safety and precautions that need to be taken by a Municipal employee when they come across or are called into these dangerous situations. Why this is a vital part of our education in the current time.
Brendan Tobin, Gabrielli Truck Sales, Inc.
- 3:30 pm Session ends

**NJWEA John J. (Jack) Lagrosa
111th Annual Conference & Exposition**

May 11, 2026 to May 14, 2026

Harrah's Resort, Atlantic City

Visit NJWEA.ORG for registration forms and information

MONDAY, OCTOBER 20, 2025

Monday Evening Session, October 20, 2025

**SESSION V – Owner's Perspective on Wastewater Projects,
Latest Topics from Research, and Topics for Design
Engineering**

Course # 03-092504-20 NYPE (2.0 TCH WW) NYPE, NJPE & PAPE
CPWM Course NJWEA-DLGS-1435 2 Hr. Tech

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

4:30 pm **Wastewater Topics From the Owner's Perspective**
Nicholas Taricani, Hanover Township

5:10 pm **Latest Topics From the Research Realm**
Aarthi Gunasekaran, Student

5:50 pm **Topics For Design Engineering**
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, October 20, 2025, 6:45 pm to 8 pm

Sponsored By:

 **DE BLOCK
ENVIRONMENTAL
SERVICES, LLC**

TUESDAY, OCTOBER 21, 2025

Tuesday, October 21, 2025

SESSION I – Utility Management – Operator Certification

Day 2 of 4

Course # 03-012205-30 (5.0 TCH-WWW)

CPWM Course : NJWEA-DLGS-1212 5 Hrs. Mgnt.

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

8:30 am	Session 2 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.**

It is the goal of the NJWEA to roll out this curriculum in an effort to introduce water and wastewater professionals to material to enhance their management skills and expose them to material that can be seen on higher level NJDEP Licensing Exams.

Upon the completion of the 4-day course, Identify the functions of a manager, describe the benefits of short-term, long-term, and emergency planning, define the following terms: Authority, Responsibility, Delegation, Accountability, Unity of command.

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's facilities. Set up a safety program for their utility. Collect, organize, file, retrieve, use, and dispose of utility records.

TUESDAY, OCTOBER 21, 2025

Tuesday, October 21, 2025

SESSION II — AEA/NJWEA Utility Issues - Fall 2025

Course # 03-092505-20 (5.0 TCH) WW

CPWM Course NJWEA-DLGS-1436, 3.0 Hr. Mgmt, 2.0 Hr. Gov

Moderators: **Peggy Gallos**, Executive Director, AEA
Rick Eustace, NJWEA, Deputy Director

8:30 am **Collaborating to Address Barriers in Biosolids Management**
Paul Knowles, Hazen & Sawyer

9:00 am **Water and Sewer Funding Beyond 2025**
Paul Hauch, New Jersey Dept. of Environmental Protection

9:30 am Coffee Break

9:45 am **The Delaware River Basin Commission: Its History and Current Issues**
A DRBC panel led by Executive Director Kristen Bowman Kavanagh will offer an overview

10:45 am **Water in the Waste: Why the East Should Care**
Daniel J. Van Abs, PhD, FAICP/PP, School of Environmental and Biological Sciences, Rutgers-The State University of New Jersey

11:15 am **What's Up with Wipes: An Update**
Rob Villée, Executive Director, Eatontown Sewerage Authority

11:45 am Lunch

1:30 pm **The Story of Hoboken's Resilient City Park**
Jennifer Gonzalez, AICP, PP, CFM, City of Hoboken

2:00 pm **Lesson from a Seasoned Operator**
Tom Horn, Executive Director at Lambertville MUA

2:30 pm **Possible Impacts of NJ's PFAS Settlement with 3M (PFAS)**
Diane Alexander, Esq. / Brad Carney, Esq., Maraziti Falcon

3:00 pm **Communicating about PFAS**
William Gruccio, Renati Solutions
Peggy Gallos, Association of Environmental Authorities

3:30 pm Session Ends

TUESDAY, OCTOBER 21, 2025

Tuesday, October 21, 2025

SESSION III – Regulatory Updates Compliance and Permitting FALL 2025

Course # 03-092506-30 (5.0 TCH) W & WW

CPWM Course NJWEA-DLGS-1437, 2Hr. Tech, 1Hr. Mgmt, 2Hr. Gov

Moderators: **Jim Wancho**, PE, Vice President, PS&S
Marissa Magura, Senior Scientist, Roux Associates

8:30 am **Overview of the Division of Water Quality with an Emphasis on the NJPDES Permit Application Process**
Susan Rosenwinkel, Director, NJDEP Division of Water Quality
Water Resource Management
Brett Callanan, Chief, Bureau of Surface Water and Pretreatment Permitting

9:00 am **PEOSH Updates: Safety in the Workplace**
Luis Gotay, MS, CSP, CIH, Vice President of Safety & Health Services, Skyline Environmental, Inc.

9:45 am Coffee Break (included)

10:15 am **Maintaining Compliance with your Permit Plan**
Marissa Magura, Senior Scientist, Roux Associates

10:45 am **NJPDES Permit Strategies – What a Permittee Needs to Know**
Diane Alexander, Esq., Partner, Maraziti Falcon, LLP
James Cosgrove, P.E., President, One Water Consulting LLC

11:45 am Lunch (included)

1:30 pm **I have received my Air Permit, now what?**
Autumn R. Laird, EIT, Consultant, Trinity Consultants

2:00 pm **Navigating Environmental Justice-Challenges, Strategies and Lessons Learned**
Joseph J. Kwiatkowski, Managing Consultant, Trinity Consultants

2:30 pm **Building an Industrial Pretreatment Program: Local Limits Development**
Aykut Sayin, PhD, PE, Environmental Engineer, CDM Smith

3:30 pm Session Ends

TUESDAY, OCTOBER 21, 2025

Tuesday, October 21, 2025

SESSION IV – Industrial Wastewater Management Fall 2025

Course # 03-092507-20 (5.0 TCH) WW

CPWM Course NJWEA-DLGS-1438, 5.0 Hr. Tech

Moderators: **Chris Jepson**, PE, Wastewater Operator/Biologist,
Van Cleef Engineering
Steven Marsich, PE, Discipline Manager
Water/Civil, CSA Group

8:30 am **Sludge Dewatering Made Simple – Stop Shipping Water!**
George Federico, Technical Director, Theia Water

9:15 am **Industrial Wastewater:
Field Strategies and Operator Perspectives**
Michael Guarriello, N2, BOLP, Licensed Operator/
Rutgers University Lecturer

10:00 am Coffee Break (included)

10:15 am **Industrial Wastewater Licenses – Updates from NJDEP
Licensing Board**
Robert Genetelli, Northwest Bergen County Utilities Authority

11:45 am Lunch (included)

1:30 pm **Microplastic Removal Pilot at the Atlantic County Utility
Authority**
Yidian Liu, COO, Polygone Systems, Inc.

2:00 pm **Distribution, Sources, and Storm Impact of Per- and
Polyfluoroalkyl Substances (PFAS) in Atlantic City
Reservoir in New Jersey**
Thivanka Ariyaratna, PhD, Department of Environmental
Science, Rowan University

2:30 pm **Navigating Odor Control Strategies in the Food Processing
Industry: Data Requirements and Technology Evaluation**
George Hollerbach, Senior Client Service Manager,
Brown & Caldwell

3:30 pm Session Ends

TUESDAY, OCTOBER 21, 2025

Tuesday Evening, October 21, 2025

SESSION V – Professional Engineering Ethics and Studies – Fall 2025

Course # 03-092508-30 NYPE (2.0 TCH WWW) NYPE, NJPE & PAPE
CPWM Course NJWEA-DLGS-1439 2 Hr. Ethics
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, October 22, 2025

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

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

8:30 am	Session 3 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.**

It is the goal of the NJWEA to roll out this curriculum in an effort to introduce water and wastewater professionals to material to enhance their management skills and expose them to material that can be seen on higher level NJDEP Licensing Exams.

Upon the completion of the 4-day course, Identify the functions of a manager, describe the benefits of short-term, long-term, and emergency planning, define the following terms: Authority, Responsibility, Delegation, Accountability, Unity of command.

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's facilities. Set up a safety program for their utility. Collect, organize, file, retrieve, use, and dispose of utility records.

Wednesday, October 22, 2025

SESSION II – Collection System O&M – Sweet Solutions for Your Assets Without Sugar Coating It!

Course # 03-092509-20 (5.0 TCH) WW

CPWM Course NJWEA-DLGS-1440, 5.0 Hr. Tech

Moderators: **Louis C. Lambe**, PVSC, Retired
Joseph Polomene, P.E., Sherwood Logan & Associates
Jonathan Mannarino, Twp of Middletown SA

- 8:30 am **Program Introduction**
Louis C. Lambe, PVSC, Retired
- 8:45 am **The Yantacaw Street Flume & Why We Didn't "Sugar Coat It"**
Louis C. Lambe, PVSC, Retired
- 9:30 am Coffee Break (included)
- 9:45 am **Structural Mortars and Polymeric materials for use in water/wastewater infrastructure rehabilitation and as a preventative maintenance solution**
Matthew Richards and Rafael Rovito, Vortex Companies
- 10:30 am **Infrastructure Asset Protection be Proactive not Reactive**
- 11:15 am **Live Demonstration of a Repair**
Jeremy Wood, Ergon Coatings Specialist,
Rick Stafford, Engineered Resin Solutions,
Jeff Finley, VP, Engineered Resin Solutions
- 11:45 am Lunch (included)
- 1:30 pm **Concrete Restoration & Protection of PVSC Decant Tanks**
Kevin S. Grega, Corrosion Technology Systems, Inc
Adam Hileman, Zack Painting Company, Inc.
- 2:10 pm **Geopolymer or not Geopolymer... that is the Question!**
Large Diameter Sewer Rehab with Geopolymer Mortar and/or
CIPP Trenchless Technology Options
Scott Naiva, P.E., MBA, GeoTree Solutions
- 2:50 pm **Condition Assessment, Repairs, & Rehabilitation on PVSC 110+ Year Old Infrastructure & Assets**
Eric Granholm, P.E., Passaic Valley Sewerage Commission
- 3:30 pm Session Ends

Wednesday, October 22, 2025

SESSION III – Safety Workshop: Fall 2025

Course # 03-092510-31 (5.0 TCH) SAFETY

CPWM Course NJWEA-DLGS-1441, 5.0 Hr. Tech

Moderator: **Frank Dykas**, NJ Safety Services LLC
Chairman, NJWEA Safety Committee
Harry Ladisheff, Bayshore RSA
Vice Chair, NJWEA Safety Committee
Rick Stafford, Resin Solutions
NJWEA Safety Committee

8:30 am **Confined Space** – Lessons learned from incidents – PEOSHA enforcement will become more frequent with a recent loss of life in a Confined Space in NJ. We will review the causes of this incident and discuss corrective Measures.
Anthony Correia – NJ Safety Services LLC – SC Member
Frank Dykas – NJ Safety Services LLC

10:00 am Coffee Break (included)

10:15 am **Confined Space – Continued**
Anthony Correia – NJ Safety Services LLC – SC member
Frank Dykas – NJ Safety Services LLC

11:45 am Lunch (included)

1:30 pm **Organizing a Safety Committee** – Safety Committees can be helpful with identifying potential issues and prioritizing corrective actions to reduce accidents and injuries. We will discuss the steps to creating and organizing a Safety Committee.
Anthony Correia – NJ Safety Services LLC – SC member
Frank Dykas – NJ Safety Services LLC

2:30 pm **Culture of Safety** – If your organization doesn't think of Safety as a priority, your culture may be to blame. Creating a safe work culture will enhance your overall production and employee self-worth. Changing your culture is important.
Anthony Correia – NJ Safety Services LLC – SC Member

3:30 pm Session Ends

Wednesday, October 22, 2025

SESSION IV – Professional Engineer Continuing Ed. Training – FALL 2025

Course # 03-092511-20 NYPE (5.0 TCH WW)
NYPE, NJPE & PAPE
CPWM Course NJWEA-DLGS-1442 5 Hr. Tech

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

8:30 am **Lessons Learned from Challenging Collection System
Rehabilitation Projects**
Thomas Petti, P.E., Bayshore Regional SA

9:30 am Coffee Break (included)

9:45 am **15% Peracetic Acid Disinfection of WWTP Effluent:
Design and CAPEX**
Michael Kuznetz, PhD, PE, CIH, CSP
Joseph Wagner, EIT, T&M Associates

10:45 am **Wastewater Protective Coatings**
Murray Heywood. Corrosion Probe, Inc. (CPI)

11:45 am Lunch (included)

1:00 pm **Geographical Information Systems (GIS)**
Suzanne Zitzman, GIS Discipline Leader, Senior Principal,
Colliers Engineering

2:00 pm **Construction Contract Recovery: Strategies for Success**
Lyle Rawlings, President and CEO, Advanced Solar Products
Steven Bereczki

3:00 pm Session Ends

WEDNESDAY, OCTOBER 22, 2025

Wednesday Evening Session, October 22, 2025

**SESSION V – Odor Control Monitoring,
Optimization and Modeling**

Course # 03-092512-30 NYPE (2.0 TCH WWW)

NYPE, NJPE & PAPE

CPWM Course NJWEA-DLGS-1443 2 Hr. Tech

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

4:30 pm **MOM Knows Best - Odor Control Monitoring,
Optimization and Modeling**

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 October 19, 2025 through October 23, 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, October 19, 2025

Date of Departure: Thursday, October 23, 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, October 23, 2025

SESSION I – Utility Management – Operator Certification

Day 4 of 4

Course # 03-012212-30 Water & Wastewater 5 TCH

CPWM Course NJWEA-DLGS-1219 5.0 Hrs. MGMNT

Moderator: **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 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.**

It is the goal of the NJWEA to roll out this curriculum in an effort to introduce water and wastewater professionals to material to enhance their management skills and expose them to material that can be seen on higher level NJDEP Licensing Exams.

Upon the completion of the 4-day course, Identify the functions of a manager, describe the benefits of short-term, long-term, and emergency planning, define the following terms: Authority, Responsibility, Delegation, Accountability, Unity of command.

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's facilities. Set up a safety program for their utility. Collect, organize, file, retrieve, use, and dispose of utility records.

THURSDAY, OCTOBER 23, 2025

Thursday, October 23, 2025

SESSION II — Lab Workshop — FALL 2025

Course # 03-092513-30 (5.0 TCH) WWW

CPWM Course NJWEA-DLGS-1444, 5.0 Hr. Tech

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

8:30 am **Opening Remarks Session Outline**

8:45 am **Going Green – Ways to be more sustainable in the lab**
Alexia Barlikas, Laboratory Supervisor
North Hudson Sewerage Authority

9:45 am Coffee Break (included)

10:00 am **Data Qualifiers in Environmental Reports**
(Bring your lab reports for discussion and questions)
Julie Lehrman, Senior Lead Consultant, CHMM
Julia Campbell, Associate Consultant, WSP

11:45 pm Lunch (included)

1:30 pm **NJDEP Regulatory Update**
Jenna Majchrzak, Research Scientist,
NJDEP Office of Quality Assurance

2:45 pm **Chlorine Disinfection Control: Choosing the Right Measurement Method**
John F. Welsh, Jr. Senior Product Manager, Xylem

3:30 pm Session Ends



Thursday, October 23, 2025

SESSION III – Maintenance Workshop – FALL 2025

Course # 03-092514-30 (5.0 TCH) WWW

CPWM Course NJWEA-DLGS-1445, 5.0 Hr. Tech

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

8:30 am Industrial Grinder Maintenance

Kevin Hope, Regional Service Manager
JWC Environmental Sulzer

9:10 am The Basics of Pressure Washers and Sewer Jetter's

Ryan Wig, Chief Operations Officer, RJP Hotsy

9:45 am Scale and Mineral Removal Solutions in Wastewater Piping

Grishma Desai (Dr. G), Manager, Quality and Technical
Services, Grignard Co.

10:15 am Coffee Break (included)

**10:30 am AI-Powered Maintenance: Delivering Vibration Insights,
Alignment Accuracy, Cost Savings and Reliability Gains**

Asad Malik, Senior Reliability Sales Manager-Fluke Reliability

11:10 am Live Demo: Pruftechnik Shaft Laser Alignment System

Dave Metz, Application Manager,
Alignment Solutions-Fluke Reliability

11:45 am Lunch (included)

**1:30 pm Understanding and Improving Industrial
Air Compressor Lines**

Gary Symons, Senior Account Manager, Air & Gas Technologies

2:10 pm A Complete Solutions for Leaking PVC Pipe and Fittings

Rob Marsiglia, Eastern Regional Sales Manager, Asahi/America
Anthony Hernandez, District Sales Manager, Asahi/America
Mid Atlantic & Carolinas

2:50 pm Lighting Upgrade Options

Gabe Ferrari, Energy Department Manager, Turtle and Hughes

3:30 pm Session Ends

THURSDAY, OCTOBER 23, 2025

Thursday, October 23, 2025

SESSION IV – Biosolids/Energy Workshop – FALL 2025

Course # 03-092515-30 (5.0 TCH) W & WW NYPE, NJPE & PAPE

CPWM Course NJWEA-DLGS-1446 5.0 Hr. Tech

Moderators: **Jay Surti, PE**, Wastewater Treatment and Recycling Service Line Leader, GHD

John Rotolo, PE, Project Management Director, AECOM

8:30 am **A New Era of Large-Scale Energy Storage**

Lyle K. Rawlings, PE, President and CEO Advanced Solar Products

9:00 am **The Value of Digital Transformation in Liquid Waste Acceptance**

Steven Bereczki, President & CEO, Executrek Systems

9:30 am **Solidstream THP, making Class A High Solids Dewatered Cake**

Paul Christy, Managing Director, CAMBI

10:00 am Coffee Break (included)

10:15 am **Regional Resource Recovery at the Derry Township MUA**

DJ Wacker, P.E., Brown and Caldwell

Colin O'Brien, Brown and Caldwell

11:00 am **From Cake to Compliance: Operational Levers for Successful Biosolids Thermal Treatment Process**

Karthik R. Manchala, PE, PMP, ENV SP, GHD

11:45 am Lunch (included)

1:30 pm **Earthcare Bethel Carbonization Facility Case Study**

Sean Sweeney, PE, Executive Vice President, Earthcare Solutions

2:15 pm **Analytical Considerations for the Characterization of PFAS in Biosolids**

Jonathan Thorn, Technical Director, PFAS Practice Leader, Eurofins

2:45 pm **Measurement of PFAS Air Emissions from Stationary Sources – Considerations Beyond the Standard OTM-45 Quality Assurance Requirements**

Dan Grabowski, Director, Mostardi Platt

3:15 pm **Workshop Recap**

Moderator – Jay Surti, PE, Wastewater Treatment and Recycling Service Line Leader, GHD

John Rotolo, PE, Project Management Director, AECOM

3:30 pm Session Ends

REGISTRATION — PAGE 1 OF 2

MAIL TO: NJWEA 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/NJWEAOct2025SeminarReg>

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, October 20, 2025	Tuesday, October 21, 2025
___ I Utility Management .1 \$155.00	___ I Utility Management.2..... \$155.00
___ II Unit Process \$155.00	___ II AEA/NJWEA Joint Session... \$155.00
___ III Improving S Lic. Test Sc..... \$155.00	___ III Regulatory Updates \$155.00
___ IV DPW..... \$155.00	___ IV Industrial Management \$155.00
___ V Engineering. Evening \$75.00	___ V Engineering Ethics..... \$75.00
Wednesday, October 22, 2025	Thursday, October 23, 2025
___ I Utility Management .3 \$155.00	___ I Utility Management.4..... \$155.00
___ II Collection O & M..... \$155.00	___ II Lab Workshop..... \$155.00
___ III Safety \$155.00	___ III Maintenance Workshop \$155.00
___ IV NY/NJ/PA PE Training \$155.00	___ IV BioSolids/Energy..... \$155.00
___ 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

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 October 15, 2025**
- **PRE-REGISTRATION BY FAX ENDS October 16, 2025**
- **NO CANCELLATIONS ACCEPTED AFTER October 17, 2025**
- **Online Registration Ends October 18, 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

Maria Bausch, PE, ENV SP., CDM Smith

Francis Bonaccorso, Superintendent
JMEUC, President, NJWEA

Sorin Astalus, JMEUC, IT Committee, NJWEA

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

Debbie Cardena, Registrar, NJWEA

Dan Carey, Project Sales Representative,
Magnum Vac Service

Jason Chase, Harper-Haines

Julian Chinelli, Hazen and Sawyer

Scott Conklin, Sea Girt Environmental

Steve Dowhan, Retired, JMEUC

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 Manager, PS&S,
Treasurer & Past President, NJWEA

Srinivas Gidugu, Vice President,
Atane Consulting, Inc.

Thomas Greci, President, ECM,
Past President, NJWEA

Chris Hoffman, Retired, NJDEP

Michael Hope, Senior Vice President,
Water Section Leader, TYLin,
President Elect, NJWEA

Harry Ladisheff, Operator,
Bayshore Reg. Sewerage Authority

Carrie-Anne Lyons, Lyons Environmental

Donna Lyons, Laboratory Supervisor,
Lyons Environmental

Jennifer Marques, Laboratory Director, PVSC

Terry McHugh, Owner, All's Clear Services

Humbert Mortola, JMEUC,
IT Committee, NJWEA

Chris Nally, American Aquatic Testing

Lisa Oberreiter, Superintendent, MCUA

Dennis Palmer, President, Denali Engineering

Donna Peteja, Retired

Frank Pestana, Executive Director,
North Bergen MUA

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

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

Bruce Smith, Comptroller, NJWEA

Harry Smith, President,
Affordable Safety Compliance, LLC

Rick Stafford, Retired

Jay Surti, Service Line Leader, GHD

Charles Theodora,
Assistant Superintendent, Bayshore RSA

Ramon Vara, Retired

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

Roman Wisniewski, Consultant,
Grignard Company

Louis Lambe, PVSC Retired



New Jersey Water Environment Association

P.O. Box 737
Woodland Park, NJ 07424

NON-PROFIT ORG.
US POSTAGE
PAID
CFSM