



# New Jersey Water Environment Association PRESENTS



## THE 2024 Fall Technology Transfer Seminar

OCTOBER 21 - 24, 2024

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 21, 2024**

**Monday, October 21, 2024 — Fall 2024**

## **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 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 exposed 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 21, 2024**

**Monday, October 21, 2024 — Fall 2024**

## **SESSION II — UNIT PROCESS**

Course # 03-092401-20 (5.0 TCH) Wastewater  
CPWM Course NJWEA-DLGS-1372, 5.0 Hr.Tech

**Moderators:** **Sean Sauder, PMP**, Project Manager, PS&S  
**Eric Reichert**, RVRSA Licensed Operator and Plant Manager

- 8:30 am     **History of Incineration**  
Joseph Pantalone, ACUA
- 9:00 am     **Overview of Incineration**  
Harry Ladisheff & Will Trzezkowski, Bayshore RSA
- 9:45 am     Coffee Break (Included)
- 10:15 am    **Managing an Incinerator and Decommissioning**  
Ernie DeGraw, Two Bridges Sewer Authority
- 10:45 am    **Incinerator Process & Effects**  
Harry Ladisheff & Will Trzezkowski, Bayshore RSA
- 11:15 am    **Permit Limits and Relevant Math**  
Harry Ladisheff & Will Trzezkowski, Bayshore RSA
- 11:45 am    Lunch (Included)
- 1:30 pm     **SRVSA Mercury Emission Control System Project**  
Ronald S. Anastasio, P.E., SRVSA
- 2:00 pm     **Feeding the Beat!**  
Christopher Boyd, Charter Machine
- 2:30 pm     **Future of Incineration - Gasification**  
Jim Henderson, Heartland Water Technology
- 3:00 pm     **Alternatives to Incineration**  
Christopher Boyd, Charter Machine
- 3:30 pm     Session Ends

# MONDAY, OCTOBER 21, 2024

**Monday, October 21, 2024 — Fall 2024**

## **SESSION III — Utility of the Future — PFAS**

Course # 03-092402-30 (5.0 TCH) Water & Wastewater  
CPWM Course NJWEA-DLGS-1273, 4.0 Hr.Tech, 1.0 Hr. Gov  
CPS Credit, NYPE (2 hours) NJPE (2.5 hours)

**Moderators:** **Rich Padgitt, P.E.**, Lead Engineer, PS&S  
**Brian Valliere**, Superintendent, Borough of Mendham WWTP  
**Robert C. Fischer, Sr.**, Director of Water Resources, PS&S

- 8:30 am **PFAS, Characteristics, Fate and Transport**  
Dr. Lisa Rodenburg, PhD, Director of Rutgers Environmental Science Graduate Program
- 9:00 am **USEPA's PFAS Roadmap**  
Virginia Wong, Chief, Clean Water Regulatory Branch  
Water Division, EPA Region 2 USEPA
- 9:30 am Coffee Break (Included)
- 9:45 am **Division of Water Quality's Strategy for Addressing PFAS in Wastewater**  
Susan Rosenwinkel, Director, NJDEP Division of Water Quality  
Brett Callanan, Chief, Water Pollution Management Element,  
Bureau of Surface Water and Pretreatment Permitting, NJDEP
- 10:15 am **A National Perspective on PFAS Rulemaking**  
Emily J. Rimmel, Sr. Director of Regulatory Affairs,  
National Association of Clean Water Agencies (NACWA)
- 11:00 am **PFAS Removal at a Major New Jersey Water Purveyor**  
Nicole Wiley, P.E., Engineering Practice Lead, NJ American Water
- 11:45 am Lunch (Included)
- 1:30 pm **Fate of PFAS in a Granular Activated Carbon System**  
Adam Redding, Technical Director, Calgon Carbon
- 2:00 pm **Effective PFAS Biosolids Destruction Using Pyrolysis**  
Will Marquis, Sales Manager US & Canada, Pyreg
- 2:45 pm **FAS Impact on the Wastewater Industry-  
A Roundtable of Clean Water Public Officials to Discuss Impact,  
Ideas and Pathways Forward**  
Thomas Laustsen, COO, P.E. PVSC  
Paul Knowles, PhD, P.E. Sr Associate, Hazen  
Susan Rosenwinkel, Director, NJDEP Division of Water Quality  
Michael DiNinno, Administrator-Environmental Quality, MCUA  
Keith Marcoon, Executive Director, OCUA
- 3:30 pm Session Ends



# MONDAY, OCTOBER 21, 2024

**Monday, October 21, 2024 — Fall 2024**

## **SESSION IV — Regulatory Updates**

Course # 03-092403-30 (5.0 TCH) Water & Wastewater

CPWM Course NJWEA-DLGS-1374, 5.0 Hr. Gov

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

8:30 am **Local Public Contracts Law Updates**

John A. Napolitano Esq. Partner,  
Cleary, Jacobbe, Alfieri, Jacobs, LLC

9:00 am **Delaware River Basin Commission Update**

Steven J. Tambini PE, DRBC Executive Director

9:45 am Coffee Break (Included)

10:00 am **Overview of the Division of Water Quality**

Susan Rosenwinkel, Director NJDEP Division of Water  
Quality Water Resource Management

**10:30 am Overview of the Treatment Works Approval Program**

Johnathan Lakhicharran, Environmental Engineer 3,  
NJDEP Division of Water Quality

11:00 am **Water Bank Update: Vulnerability/Resilience  
Requirements**

Samantha Thomas, Administrative Analyst,  
NJDEP-DWQ-Municipal Finance & Construction

11:45 am Lunch (Included)

1:30 pm **Air Permitting Compliance**

Marissa Magura, Senior Scientist, Roux Associates

2:00pm **Scientific and Legal Solutions for Establishing NJPDES  
Permit Limitations that are Economically Achievable  
and Environmentally Protective**

Diane Alexander, Esq., Partner, Maraziti Falcon, LLP and  
James Cosgrove, P.E., President, One Water Consulting LLC

2:45 pm **So you Found a Buried Tank**

Michael Newton, Director-Remediation  
Claudia Theriault, Senior Scientist-Remediation, PS&S

3:30 pm Session Ends

**MONDAY, OCTOBER 21, 2024**

**Monday, October 21, 2024 — Fall 2024**

**Monday Evening Session — YP Night —  
Speakers Discussing the Topics of UV Disinfection, Designing  
with Electrical Maintenance in Mind, and Making Concepts  
Client Friendly through Visualization**

Course # 03-092404-30 NYPE (2.0 TCH WWW) NYPE, NJPE & PAPE  
CPWM Course NJWEA- NJWEA-DLGS-1375 2.0 Hr. Tech  
CPS Credit, NY/NJ/PA - 2 Credit Hours

**Moderator: Danielle Farrell, P. E., Mott MacDonald**

- 4:30 pm **Grab the Light (Let's Discuss UV)**  
Michael Raczak, Sherwood Logan & Associates
- 5:10 pm **It's Electric – Boogie Woogie Woogie**  
Chelsey Shepsko, Ph.D., P.E., Engineer, American Water
- 5:50 pm **Utilizing Visualization to Make Concepts Client Friendly**  
Pooja Soni, 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 21st, 2024, 6:45 pm to 8 pm**

Sponsored By:

 **DE BLOCK  
ENVIRONMENTAL  
SERVICES, LLC**

**Tuesday, October 22, 2024**

**Tuesday, October 22, 2024 — Fall 2024**

## **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, October 22, 2024**

**Tuesday, October 22, 2024 — Fall 2024**

**SESSION II — AEA/NJWEA Utility Issues**

Course # 03-092405-30 (5.0 TCH) Water & Wastewater  
CPWM Course NJWEA-DLGS-1376, 3.0 Hr. Tech, 2.0 Hr. Mgmt

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

- 8:30 am **Eliminating a High-Risk Exposure by Directional Drilling**  
Thomas Petti, PE, CME, Principle Engineer, Bayshore RSA  
Ryan Schulz, PE, Senior Project Engineer, PS&S
- 9:00 am **Leveraging Expertise for Regional Cooperation**  
Brian Brach, PE, Executive Director, Manasquan River  
Regional Sewerage Authority
- 9:30 am Coffee Break (Included)
- 9:45 am **Pilot Project: Microplastic Removal Demonstration at the ACUA Wastewater Facility**  
Yidian Liu, Co-Founder and COO of PolyGone
- 10:15 am **Overview of the 2024 NJ Statewide Water Supply Plan**  
Kent Barr, Research Scientist, Water Supply Modeling &  
Planning Section, NJ Geological and Water Survey/NJDEP
- 10:45 am **STEAMpark: Catching the Wave of Workforce Development**  
William Gettings, PE, MBA, BCEE, Associate Vice President,  
Hazen and Sawyer
- 11:15 am **Strengthening Ties: Intro to the Black Water Professionals Alliance Air Permitting Compliance**  
Nicole E. Brown, Client Development Manager,  
Suburban Consulting Engineers, Inc.
- 11:45 am Lunch (Included)
- 1:30 pm **Introducing the Water Center at Penn!**  
Brienne (Bree) Callahan, Senior Research Manager,  
The Water Center at Penn
- 2:00 pm **Privatization Picks Up Pace in New Jersey**  
Peggy Gallos, Executive Director, AEA
- 2:45 pm **Privatization in Pennsylvania: A Look in NJ's Future?**  
Michael Sullivan, Executive Director, Northampton Bucks  
County Water and Sewer Authority
- 3:30 pm Session Ends



**Tuesday, October 22, 2024**

**Tuesday, October 22, 2024 — Fall 2024**

## **SESSION III — DPW, Municipal Workshop**

Course # 03-092406-31 (5.0 TCH) SAFETY  
CPWM Course NJWEA-DLGS-1377, 5.0 Hr. Tech

**Moderators:**      **Dan Carey**  
                             **Carl Bowles**

**Intro to Work Zone Safety-** Gain an overview of roadway work zones in rural areas and the minimum standards for various types of work zones covered in the Manual on Uniform Traffic Control Devices (MUTCD).

**Worker Safety-**This training provides an overview of potential hazards for workers and explores preventive measures for improving worker safety. Learn to identify the most common risks for road construction workers and best practices for reducing risks associated with road construction.

**Intro to Work Zone Safety-** Gain an overview of roadway work zones in rural areas and the minimum standards for various types of work zones covered in the Manual on Uniform Traffic Control Devices (MUTCD).

- Roadway opening ordinances
- Best practices for opening roadways that have recently been resurfaced
- Structural, trenchless pipe repair as an alternative to end-to-end repair.
- Pipeline Inspection Systems - available technology, how it operates, maintaining systems

# **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, October 22, 2024**

**Tuesday, October 22, 2024 — Fall 2024**

## **SESSION IV – Industrial Wastewater Management**

Course # 03-092407-20 (5.0 TCH) Wastewater

CPWM Course NJWEA-DLGS-1378, 5.0 Hr. Tech

**Moderators:** **Ericka Lozano**, Industrial Pretreatment  
Program Supervisor, LRSA  
**Natalie Pisarcik**, Industrial Pretreatment Coordinator,  
RVRSA

- 8:30 am **Industrial Environmental Quality Committee: Updates**
- 8:45 am **Industrial Pretreatment Programs 101: An Introduction**  
Natalie Pisarcik, Industrial Pretreatment Coordinator, RVRSA
- 9:15 am **Fundamentals for Building an Industrial Pretreatment Program**  
Maria Bausch, P.E., Environmental Engineer, CDM Smith
- 10:00 am Coffee Break (Included)
- 10:15 am **Industrial Wastewater Licenses – Updates from NJDEP Licensing Board**  
Robert Genetelli, Northwest Bergen County UUA
- 11:15 am **PFAS: The Latest on an Ever-Evolving Regulatory Landscape – National Update**  
Mary E. (Firestone) Baker, Executive Director,  
Mid-Atlantic Biosolids Association (MABA)
- 11:45 am Lunch (Included)
- 1:30 pm **PFAS: Case Study & Epidemiology Assessments**  
Edward Majeski, Environmental Compliance Manager/  
IPP Coordinator, LRSA
- 2:00 pm **Fundamentals of Heavy Metal Treatment**  
Michael Guarriello, N2, BOLP,  
Groundwater Treatment & Technology, LLC
- 2:30 pm **Approaches to Evaluating Industrial Wastewater Treatment Challenges and Development of Solutions**  
David Silverman, P.E., Manager, Process Solutions
- 3:30 pm Session Ends

**Tuesday, October 22, 2024**

**Tuesday, October 22, 2024 — Fall 2024**

## **Tuesday Evening Session — Professional Engineering Ethics and Studies**

Course # 03-092408-30 NYPE (2.0 TCH WWW) NYPE, NJPE & PAPE

CPWM Course NJWEA-DLGS-0000 2 Hr. Ethics

CPS Credit PA/NY/NJ PE – 2 credit hours

**Moderator:** Kevin Haney, P.E., Hazen and Sawyer

**Instructor:** Danielle Farrell, PE, Mott MacDonald & Rowan University

**Professional Engineering Ethics Through an Interactive Discussion**

**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 23, 2024**

**Wednesday, October 23, 2024 — Fall 2024**

## **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, October 23, 2024**

**Wednesday, October 23, 2024 — Fall 2024**

## **SESSION II — Collection System O&M - Cleaning**

Course # 03-092409-20 (5.0 TCH) Wastewater

CPWM Course NJWEA-DLGS-1380, 5.0 Hr. Tech

**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 **Program Introduction Louis C. Lambe, PVSC**
- 8:45 am **Locating & Quantifying I/I Economically & Rapidly**  
Benjamin Agrawal, Sr. Principal Engineer, Hazen & Sawyer
- 9:30 am Coffee Break (Included)
- 9:45 am **RDII Lessons Learned Over Time**  
Peter Frick, Region Sales Manager, ADS
- 10:30 am **Using Micro Detection To Pinpoint I & I**  
Matt Grandinetti, VP of Sales, Dukes Services
- 11:00 am **Leveraging Real-Time Data for Effective I&I Isolation and Long Term Planning**  
Bryan Slota, NJ American Water
- 11:45 am Lunch (Included)
- 1:30 pm **Using Your Hydraulic Model to Identify Extraneous Flow**  
Louis C. Lambe, PVSC
- 2:30 pm **Assessing When Existing NJ Sewer Needs Will Be Met**  
James McGregor, P.E., Retired Consulting Engineer
- 3:15 pm **Program Recap and Take Aways**  
Louis C. Lambe, PVSC
- 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, October 23, 2024**

**Wednesday, October 23, 2024 — Fall 2024**

### **SESSION III — Safety Workshop**

Course # 03-092410-31 (5.0 TCH) SAFETY

CPWM Course NJWEA-DLGS-1381, 5.0 Hr. Tech

**Moderators:** **Frank Dykas**, NJ Safety Services LLC

Chairman - NJWEA Safety Committee

**Ana Lucas**, Addco Safety LLC

- 8:30 am      **Culture of Safety/ Risk Management**  
Anthony Correia - NJ Safety Services LLC  
John Manganaro - Water Resource Management
- 10:00 am      Coffee Break (Included)
- 10:15 am      **Electrical Safety 101 to NFPA 70E**  
Ana Lucas - Addco Safety LLC
- 11:45 am      Lunch (included)
- 1:30 pm      **Confined Spaces and their Hazards**  
Anthony Correia - NJ Safety Services LLC  
Frank Dykas - NJ Safety Services LLC
- 2:30 pm      **Confined Space Alternate Entry Procedures**  
Anthony Correia - NJ Safety Services LLC  
Frank Dykas - NJ Safety Services LLC
- 3:30 pm      Session Ends

**Wednesday, October 23, 2024**

**Wednesday, October 23, 2024 — Fall 2024**

## **SESSION IV — Professional Engineer Continuing Education Training**

Course # 03-092411-30 NYPE (5.0 TCH WWW) NYPE, NJPE & PAPE  
CPWM Course NJWEA-DLGS-1382 5.0 Hr. Tech  
CPS Credit, PA/NY/NJ, 5 Hours

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

### **Course Description:**

**CSO Sewer Separation, Sand Filtration Replacement, Power from Digester Gas, Jersey City Utility Project and Odor Control System Replacement.**

- |          |  |
|----------|--|
| 8:30 am  | <b>CSO Sewer Separation Project Status Update</b><br>Michael McAloon, P.E., Suburban Consulting                              |
| 9:30 am  | Coffee Break (Included)  |
| 9:45 am  | <b>Replacing Sand Filtration with Disc Filters</b><br>Nolan Towers, P.E., Project Engineer, CME<br>Hailee Sicknick, EIT, CME |
| 10:45 am | <b>Combined Heat and Power from Natural or Digester Gas</b><br>Miguel Spada, Atlantic & Florida Detroit Diesel               |
| 11:45 am | Lunch (Included)   |
| 1:00 pm  | <b>Jersey City Utility Project</b><br>Kevin Wynn, P.E., Mott MacDonald   |
| 2:00 pm  | <b>Odor Control System Replacement and Upgrade at TRWRA</b><br>Richard J. Pope, P.E., Hazen and Sawyer                       |
| 3:00 pm  | Session Ends   |

**Wednesday, October 23, 2024**

**Wednesday, October 23, 2024 — Fall 2024**

**Wednesday Evening Session —**

**SESSION V — Integrated Advanced Biological Treatment for Meeting Current and Future Requirements within Budget, Spatial and other Constraints**

Course # 03-092412-30 NYPE (2.0 TCH TBD) NYPE, NJPE & PAPE  
CPWM Course NJWEA-DLGS-1383 2.0 Hr. Tech  
CPS Credit, PA/NY/NJ 2.0

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

**Instructor:** David J. Silverman, PE, Pumping Services Inc.

This presentation will explore the development and integration of processes, design principles for treatment equipment, and the implementation of advanced processes to address these challenges. 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, October 20, 2024 ~ Thursday, October 24, 2024**  
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 20, 2024

Date of Departure: Thursday, October 24, 2024

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 24, 2024**

**Thursday, October 24, 2024 — Fall 2024**

## **SESSION I — UTILITY MANAGEMENT — Day 4 of 4 OPERATOR CERTIFICATION**

Course # 03-012212-30 (5 TCHs) Water & Wastewater  
CPWM Course NJWEA-DLGS-1219 5 Hr. Mgmt.

**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 4 Starts
3:30 pm	Session Ends

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**Thursday, October 24, 2024**

**Thursday, October 24, 2024 — Fall 2024**

## **SESSION II — Lab Workshop**

Course # 03-092413-30 (5 TCHs) Water & Wastewater  
CPWM Course NJWEA-DLGS-1384 4 Hr. Tech, 1 Hr. Gov

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

- |          |   |
|----------|---|
| 8:30 am  | <b>Opening Remarks</b>  |
| 8:45 am  | <b>Total Phosphorus by Hach Method 10210 Modification to Standard Method 4500-P B plus E</b><br>Mack Rahimi, Laboratory Manager<br>Santino Timpani, Laboratory Supervisor,<br>Stony Brook Regional SA |
| 9:45 am  | Coffee Break (Included)   |
| 10:00 am | <b>NJDEP Regulatory Update</b><br>Caitie VanSciver, Research Scientist,<br>Office of Quality Assurance  |
| 11:00 am | <b>Laboratory Chemical Safety- A Closer Look at Safety Data Sheets</b><br>Thomas Burgess, Technical Leader 1, T&M Associates  |
| 11:45 pm | Lunch (Included)  |
| 1:30 pm  | <b>Green Labs</b><br>G. Marcela Rodriguez Ph.D., Associate Professor,<br>Public Health Research Institute-Rutgers University  |
| 2:30 pm  | <b>Update on PFAS Analytical Methods</b><br>Cindy Brandecker, Garden State Labs   |
| 3:30 pm  | Session Ends  |



**Thursday, October 24, 2024**

**Thursday, October 24, 2024 — Fall 2024**

## **SESSION III — Maintenance Workshop**

### **Water & Wastewater**

Course # 03-092414-30 (5 TCHs) Water & Wastewater

CPWM Course NJWEA-DLGS-1385 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 **Hand Tool Solutions, Hands On**  
Charles McNamara, Territory Manager, Williams Tools
- 9:10 am **Selecting Proper Hoses and Fittings**  
John Girard, President, Fluid Handling Resources
- 9:45 am **Maintenance of Drain Lines**  
Larry Teleck, Director of Sales, Public Sewer Service
- 10:15 am Coffee Break (Included)
- 10:30 am **Fixed gas and flame detection**  
Adam Goodman, Product Manager, Eastern Controls Inc.
- 11:00 am **Rebuilding a Diaphragm Pump**  
Roman Wisniewski, Consultant, Grignard Company
- 11:45 am Lunch (Included)
- 1:30 pm **Centrifuge Maintenance**  
James Hansen P.E., GEA Mechanical Equipment US, Inc.
- 2:10 pm **Maintenance Strategies for Pinch Valves  
and Air Release Valves**  
Ryan Ericksen, Regional Sales Manager,  
Central/East Div. RF Valve Inc.
- 2:50 pm **Proper Maintenance for Pressure Gauges  
and Diaphragm Seals**  
Robert Young, Wastewater Market Manager,  
Reo Temp Instruments
- 3:30 pm Session Ends

**Thursday, October 24, 2024**

**Thursday, October 24, 2024 — Fall 2024**

## **Session IV — Biosolids/Energy**

Course # 03-092415-20 (5.0 TCH-WW) NYPE, NJPE, PAPE

CPWM Course NJWEA-DLGS-1386, 5.0 Hr. Tech

CPS Credit, PA/NY/NJ, 5 Hours

**Moderators:** **Jay Surti, P.E.**, Wastewater Treatment & Recycling Service Line Leader, GHD  
**Paul Knowles, PhD, PE**, Senior Associate, Hazen and Sawyer  
**Josh Ferguson**, Civil Engineer, AECOM

8:30 am **Introductory Guide to Municipal Biosolids Processing**

Todd Marshall, Biosolids Product Manager,  
Huber Technology Inc.

9:00 am **Dewatering Technologies – Pros and Cons**

Michael Raczak, Sales Engineer, Sherwood Logan

9:30 am **Innovative Approach to Enhancing Dewaterability  
of Various Sludges**

Clementine Justier, Director of Process Engineering, Orege

10:00 am Coffee Break (Included)

10:15 am **Co-Digestion Process Case Studies and the  
State of Regulations**

Shirin Estahbanati, PhD, PE, Senior Environmental Engineer,  
First Environment, Inc.

11:00 am **Opportunities and Challenges of Biosolids Management in  
2024: Setting Your Biosolids Program Up for Success**

Lisa Challenger, Chief Executive Officer, Material Matters, Inc.

11:45 am Lunch (Included)

1:30 pm **Live to Dry Another Day: Low Energy Residuals Drying**

Paul Knowles, PhD, PE, ENV SP, LEED GA,  
Senior Associate, Hazen  
Stanley Janicki, Chief Commercial Officer, Sedron Technologies

2:15 pm **Biosolids Pyrolysis and Gasification –  
Lessons Learned from Early Adopters**

Jay Surti, P.E., Wastewater Treatment &  
Recycling Service Line Leader, GHD

3:00 pm **Biosolids Gasification Case Study, City of Edmonds, WA**

Michael Nicholson, Vice President, Ecoremedy, LLC

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/yc5v4nap>

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 21, 2024	Tuesday, October 22, 2024
<input type="checkbox"/> I Utility Management . . . . . \$150.00	<input type="checkbox"/> I Utility Management . . . . . \$150.00
<input type="checkbox"/> II Unit Process. . . . . \$150.00	<input type="checkbox"/> II AEA / NJWEA Joint Session \$150.00
<input type="checkbox"/> III Utility of the Future . . . . . \$150.00	<input type="checkbox"/> III DPW. . . . . \$150.00
<input type="checkbox"/> IV Regulatory Updates . . . . . \$150.00	<input type="checkbox"/> IV Industrial Management. . . \$150.00
<input type="checkbox"/> V Engineering Evening. . . . . \$75.00	<input type="checkbox"/> V Engineering Ethics . . . . . \$75..00
Wednesday, October 23, 2024	Thursday, October 24, 2024
<input type="checkbox"/> I Utility Management . . . . . \$150.00	<input type="checkbox"/> I Utility Management . . . . . \$150.00
<input type="checkbox"/> II Collection O&M. . . . . \$150.00	<input type="checkbox"/> II Lab Workshop . . . . . \$150.00
<input type="checkbox"/> III Safety . . . . . \$150.00	<input type="checkbox"/> III Maintenance Workshop. . . \$150.00
<input type="checkbox"/> IV NY/NJ/PA PE Training. . . . \$150.00	<input type="checkbox"/> IV BioSolids/Energy . . . . . \$150.00
<input type="checkbox"/> 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 \$117.00  
New / Renewal Professional Membership: . . . . \$182.00  
Young Professional Renewal: . . . . . Add \$64.00  
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 17, 2024
- PRE-REGISTRATION BY FAX ENDS October 18, 2024
- NO CANCELLATIONS ACCEPTED AFTER October 18, 2024
- Online Registration Ends October 20, 2024

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:

**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,  
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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, Operations Manager,  
Magnum Vac Service

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

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Roman Wisniewski, Consultant,  
Grignard Company





# **New Jersey Water Environment Association**

P.O. Box 737  
Woodland Park, NJ 07424

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