



New Jersey Water Environment Association PRESENTS



THE 2024 Winter Technology Transfer Seminar

MARCH 4 – MARCH 7, 2024
Sheraton Eatontown Hotel
6 Industrial Way • Eatontown, NJ • 732-542-6500

NJWEA Officers

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

MONDAY, MARCH 4, 2024

Monday, March 4, 2024 — Winter 2024

OPERATOR LICENSE REVIEW SESSIONS

SESSION IA — Wastewater License Review & Re-qualification

Course 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 C 1-4: Day One

Course # 03-011003-20 (5.0 TCH - WW)

NJWEA-DLGS-491 (5.0 Hr. Tech)

Moderator: **Louis Lambe**, Superintendent II, 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 4, 2024

Monday, March 4, 2024 — Winter 2024

SESSION II — Wastewater Operations: Violations - Steps to Recover (Oh No! — I have to call the NJDEP Hotline)

Course #03-012402-20 (5.0 TCH) WW

CPWM Course NJWEA-DLGS-1328, 3 Hr. Tech, 2 Hr. Gov

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

- 8:30 am **Your Permit – A Review of an Operator’s Responsibilities**
Joseph Schwarz, One Water Consulting
- 9:15 am **I’m Planning To Do Some Work in My Facility**
Thomas F. Horn, P.E. Executive Director, Lambertville MUA
- 9:45 am Coffee Break (included)
- 10:00 am **Illegal Dumping Impact on the Keen Street Regulator**
Louis Lambe, Engineer, PVSC
- 10:45 am **Knowing the Severity of Your Emergency**
Christopher Lalicato, Montgomery Twp.
- 11:15 am **Bypassing of WWTF Units for Planned Maintenance or Repair**
Joe Mikulka, CP Engineers
- 11:45 am Lunch (included)
- 1:30 pm **Potential and Actual Violation Response: A Lawyers Perspective**
Diane Alexander, Esq., Maraziti Falcon LLP
- 2:00 pm **TBD (DEP Enforcement’s Perspective)**
Don Hirsch, NJDEP
- 2:30 pm **“What do you mean you didn’t call the DEP?” Lessons Learned Over a 40-year Career.**
Robert Fischer, PS&S Engineers
- 3:00 pm **Roundtable Discussion**
Moderators and Available Speakers
- 3:30 pm Session Ends

MONDAY, MARCH 4, 2024

Monday, March 4, 2024 — Winter 2024

SESSION III — Utility of the Future - Climate Impacts and Community Resiliency

Course #03-012403-30 (5.0 TCH) WWW

CPWM Course NJWEA-DLGS-, 5.0 Hr. Tech

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

- 8:30 am **Framework for a Watershed Wide Climate Risk Assessment: Bronx River Inter-municipal Watershed Plan Update**
Sri Rangarajan, PhD, PE, President and Principal Consultant
Sophie Huang, EIT, Staff Engineer, Boomi Environmental
- 9:15 am **Prioritizing and Implementing Resiliency Projects with Environmental and Social Benefits: The Living with the Bay Program**
Jake Oldenburger, PE, ENV SP, Tetra Tech, Inc., New York
- 10:00 am Coffee Break (included)
- 10:15 am **Daylighting Tibbets Brook-Restoring a Waterway in New York**
Dahlia Thompson, PE, PMP, LEED AP,
Associate Vice President, Hazen Sawyer
Roopesh Joshi, PE, ENV SP, NYCDEP
- 11:00 am **Prioritizing Efforts to Reduce SSOs: Implementing Digital Solutions**
Josiah Blair, PE, Project Engineer, GHD
- 11:45 am Lunch (included)
- 1:30 pm **Setting New Jersey Up for Real Time Decision Support Forecasting Wet Weather Impacts Using AI**
Richard Loeffler, Mike Lunn, Xylem, Rye Brook, NY
- 2:15 pm **A Meteorologist's View of our Changing Climate**
TBD, Meteorologist
- 3:00 pm Panel Discussion
- 3:30 pm Session Ends

MONDAY, MARCH 4, 2024

Monday, March 4, 2024 — Winter 2024

**SESSION IV — Information Technology
Cyber Security - The Future is in our Hands**

Course #03-012411-30(5.0 TCH) WWW

CPWM Course NJWEA-DLGS-1337, 5.0 Hr. Tech.

Moderators: **Sorin Astalus**, Joint Meeting of Essex and Union Counties
Rocco Mandaglio, Passaic Valley Sewerage Commission

- 8:15 am **The Fundamentals of Cybersecurity**
*Rocco Mandaglio Computer Systems Administrator
Passaic Valley Sewerage Commission*
- 9:30 am **Securing the Digital Frontier**
Rahul Nagpal, IT Security Officers, United States Courts
- 10:00 am Coffee Break (included)
- 10:15 am **Securing the Digital Frontier continued...**
- 10:45 am **Modern Social Engineering Attack Vectors**
*Brian Rzepski, MSIS, SSCP, CEH, Lead Security Consultant
Risk Advisory Team Access IT Group, Inc.*
- 11:45 am Lunch (included)
- 1:30 pm **Protecting IT and OT Networks**
*Daniel Pujada Network Security Administrator
Passaic Valley Sewerage Commission*
- 2:30 pm **The State of the Cybersecurity Union**
*Dr. Vito Nozza Director (Chief Advisor)
Information Security Group C1*
- 3:30 pm Session Ends

MONDAY, MARCH 4, 2024

Monday, March 4, 2024 — Winter 2024

Monday Evening Session —

**Designing Engineering Drawings, Engineers Without Borders,
Lessons from a Wastewater Project**

Course #03-012405-30 NYPE (2.0 TCH WWW) NYPE, NJPE, PAPE CPWM
CPWM Course NJWEA-NJWEA-DLGS-1331, 2 Hr. Tech

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

4:30 pm **Current Technology Used in
Designing Engineering Drawings**
Thomas Julian, Woodward and Curran

5:10 pm **Engineers Without Borders**
Torin Johnson, Gannett Fleming

5:50 pm **Lessons from a Wastewater Project**
Elizabeth Alba, Mott MacDonald

6:30 pm Session Ends

ATTENTION P.E.'S

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

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

TUESDAY, MARCH 5, 2024

Tuesday, March 5, 2024 — Winter 2024

OPERATOR LICENSE REVIEW SESSIONS

SESSION IA — Wastewater License Review & Re-qualification 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 N 1-4: Day Two

Course # 03-011005-20 (5.0 TCH - WW)
NJWEA-DLGS-493 (5.0 Hr. Tech)

Moderator: **Ron Suto**, Passaic Valley Sewerage Commission

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 5, 2024

Tuesday, March 5, 2024 — Winter 2024

SESSION II – Hazardous Materials Transportation Compliance

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)
- 10:15 am **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 5, 2024

Tuesday, March 5, 2024 — Winter 2024

SESSION III – Collection O&M – Excavation Safety & Proper Pipe Installation

Course #03-012407-30 (5.0 TCH) WWW Course

CPWM Course NJWEA-DLGS-1333, 5 Hr. Tech

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

- 8:30 am **Program Introduction**
Louis C. Lambe, PVSC
- 8:45 am **Damage Prevention Training – 2024 NJ One Call – Dial “811”**
Alonzo Bess, ITIC Coordinator, Outreach Specialist, One Call
- 9:30 am **Damage Prevention via Hydro-Excavation Techniques**
Dan Carey, Magnum Vac Service
- 10:00 am Coffee Break (included)
- 10:15 am **Utility GIS Mapping Solutions are Key for Safer Underground Excavation Practice**
Santosh Kumar and Vikash Raghavan Saride, GeoCal LLC
- 11:00 am **Manufacture and Installation of Various Types of RCP**
Rex Busa, New Jersey Concrete Pipe Association
- 11:45 am Lunch (included)
- 1:30 pm **Comprehensive Review of Ductile Iron**
Russ Huggins, PE, US Pipe; Foundry
- 2:20 pm **Manufacture and Installation of PVC Pipe**
Steve Cooper, PE, Regional Engineer, Uni-Bell PVC Pipe
Chad Morrow, CMA Pipe
- 3:15 pm **Program Recap Panel Discussion**
Louis C. Lambe, PVSC
- 3:30 pm Session Ends

TUESDAY, MARCH 5, 2024

Tuesday, March 5, 2024 — Winter 2024

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

Course #03-012408-20 (5.0 TCH) WW

CPWM Course NJWEA-DLGS-1334, 5.0 Hr. Tech

NYPE (5.0 TCH WW) NYPE, NJPE, PAPE

Moderators: **Jim Wancho, PE**, Vice President, PS&S, LLC
Mohammed Ali, PE, Senior Project Manager, AECOM
Sophia Oselador, PS&S, LLC

8:30 am **Readington-Lebanon Sewerage Authority:
UV Disinfection Equipment Upgrades**
Jill Plesnarski, Administrator, RLSA
Romeo Vela, Director of Engineered Products, Glasco UV

9:15 am **Bayshore Regional Sewerage Authority:
Odors, Leaks and Struvite; the Challenging Rehab of a
40 year old Gravity Thickening System**
Tom Petti, PE, CME, Principal Engineer BRSA
Robert Fischer, Senior Director, PS&S

10:00 am Coffee Break (included)

10:15 am **Suffolk County DPW, New York: Clean Water for Carl’s River**
*Christopher Koegel, P.E., CCM, Vice President,
D&B Engineers and Architects*
*Rob Raab, Adriana Restrepo & Kevin Nastos,
D&B Engineers and Architects*

11:00 am **Willingboro Municipal Utilities Authority:
Taking a Proactive Approach towards Efficiency and Resiliency**
*Brian C. McGair and Brendan Marzano, Account Executives,
Schneider Electric*

11:45 am Lunch (included)

1:30 pm **Borough of Allentown, NJ: Mission Impossible,
Meeting Stringent Treatment Limits with Site Constraints**
David Silverman, PE, Manager Process Solutions, PSI Process

2:00 pm **Jefferson Township: Analysis and Capacity Expansion
of the Jefferson Township WWTP**
*Alec J. Mittiga, P.E. – Assistant Vice President,
H2M Architects and Engineers*
*Steven J. Marsich, P.E. Senior Discipline Engineer,
H2M Architects and Engineers*

2:45 pm **Reuse of Energy Captured in Wastewater**
Robert Pape, Wastewater Energy Technical Leader, AECOM
Melina Diaconis, Wastewater Energy Specialist, AECOM

3:30 pm Session Ends

TUESDAY, MARCH 5, 2024

Tuesday, March 5, 2024 — Winter 2024

Tuesday Evening Session — SESSION V - Professional Engineering Ethics and Studies — Winter 2024

Course #03-012409-30 (2.0 TCH WWW) NYPE, NJPE & PAPE

CPWM Course NJWEA-DLGS-1335 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!

**Monday Evening, P.E. - Designing Engineering Drawings,
Engineers Without Borders, Lessons from a Wastewater Project
Tuesday P.E. Workshop
Tuesday Evening P.E. Ethics,
Wednesday P.E. Workshop**

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, MARCH 6, 2024

Wednesday, March 6, 2024 — Winter 2024

OPERATOR LICENSE REVIEW SESSIONS

SESSION IA — Wastewater License Review & Re-qualification 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 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 6, 2024

Wednesday, March 6, 2024 — Winter 2024

SESSION II — Wastewater Operations

Course #03-012410-20 (5.0 TCH) WW

CPWM Course NJWEA-DLGS-1336, 5.0 Hr. Tech

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

8:30 am **Headworks Academy**
Jason Deal, Regional Sales Manager Hydro-Dyne

11:45 am Lunch (Included)

1:30 pm **Grinders for Wastewater**
George Manganaro, Northeast Regional Sales Manager, Vogelsang

2:00 pm **CPR For You Centrifuge**
James D. Hanson, P.E., Manager GEA Mechanical Separation US

2:30 pm **Solutions For Problematic Wastewater Pump Stations GIS**
Tom Marshall, Northeast Regional Sales Manager Crane Pumps & Systems

3:00 pm **Contingency Planning as Part of Municipal Operations**
Ryan Booth, Vice President Pumping Services

3:30 pm Session Ends

DID YOU KNOW?

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

Visit WWW.NJWEA.ORG for more info.

WEDNESDAY, MARCH 6, 2024

Wednesday, March 6, 2024 – Winter 2024

SESSION III – Safety Session – Winter 2024

Course #03-012404-31(5.0 TCH)

CPWM Course NJWEA-DLGS-1330, 5.0 Hr. Tech

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

8:30 am **Trenching and Shoring – Are we doing it right?**

*Rick Stafford, Senior Safety Consultant and
Safety Committee Co-Chair*

In today's workplace, too many workers are still getting injured or killed by cave ins or struck by digging equipment. We will cover the basics in understanding the soil types and their dynamics, protection systems, and the precautions we can take to go home every day. An average of one worker is killed each day due to trench cave ins. Those who attend will gain and understanding and recognize the importance of following the OSHA 29 CFR 1926.45 to 453 Trenching and Shoring (Excavations) requirements and the importance of wearing proper Personal Protective Equipment (PPE). The proper and safe Work Zone set up, the ability to effectively identify and utilize barrier devices such as blockades, barrels, cones, equipment, and vehicles will be covered in discussion only as it pertains to the Trenching and Shoring operation.

9:45 am Coffee Break (Included)

10:00 am **Trenching and Shoring continues.**

11:30 am **Field Trip DEMO**

Presented by: Exton Supply Co Representative

11:45 am Lunch (Included)

1:30 pm **Confined Space Entry Review – OSHA 29 CFR 1910.146**

Confined Space Entry continues to be one of the most hazardous routines for Waste Water workers. Done without taking proper precautions can be disastrous or fatal. This review is a great reminder of the hazards, risks, and precautions.

*Rick Stafford, Senior Safety Consultant and
Safety Committee Co-Chair*

3:30 pm Session Ends

WEDNESDAY, MARCH 6, 2024

Wednesday, March 6, 2024 — Winter 2024

SESSION IV — Professional Engineer Continuing Education Training — Winter 2024

Wastewater

Course #03-012412-20 NYPE (5.0 TCH WW) NYPE, NJPE, PAPE
CPWM Course NJWEA-DLGS-1338 5 Hr. Tech

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

- 8:30 am **Retro Fitness: Strength-Training your Plant with Efficient New Technology**
David Silverman, P.E. Pumping Services, Inc. of Middlesex, NJ
- 9:30 am Coffee Break (included)
- 9:45 am **Screen Resolution- Evaluating, Selecting and Designing the Right Screen For Your Wastewater Application**
David Silverman, P.E. Pumping Services, Inc. of Middlesex, NJ
- 10:45 am **Infrastructure Rehabilitation and Corrosion Protection in Wastewater Structures**
Jon C. Lattin, CSI, CCPR
Kevin S. Grega, CSI Corrosion Technology Systems, Inc.
- 11:45 am Lunch (included)
- 1:00 pm **Strategies for Odor Control**
Richard Pope, P.E., Odor Control Group Leader, Hazen and Sawyer, Iselin, NJ
- 2:15 pm **Wastewater Based Force Main Condition Assessment**
David J. Tanzi, P.E., Senior Vice President, CDM Smith
David G. Smith, P.E., Business Development Manager, Xylem
- 3:30 pm Session Ends

WEDNESDAY, MARCH 6, 2024

Wednesday, March 6, 2024 — Winter 2024

Wednesday Evening Session — SESSION V — Pump Station Design Water & Wastewater

Course #03-012413-30 NYPE (2.0 TCH WWW) NYPE, NJPE, PAPE
CPWM Course NJWEA-DLGS-1339 2 Hr. Tech

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

4:30 pm **Basic Hydraulics and Pump Station Design-Part 1**
*Noelle Markle, Chief Operating Officer,
Koester Associates, Canastota, NY*

5:30 pm **Pump Design and Pump Curve Review-Part 2**
*Noelle Markle, Chief Operating Officer,
Koester Associates, Canastota, NY*

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, March 3, 2024 ~ Thursday, March 7, 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, March 3, 2024

Date of Departure: Thursday, March 7, 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, MARCH 7, 2024

Thursday, March 7, 2024 — Winter 2024

OPERATOR LICENSE REVIEW SESSIONS

SESSION I – Wastewater License Review & Re-qualification 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 109th Annual Conference & Exposition

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

May 6, 2024 to May 9, 2024

Harrah's Resort, Atlantic City

Visit NJWEA.ORG for registration forms and information

Registration questions:

Debbie Cardena, Registrar NJWEA

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

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

E-Mail: dcardena@NJWEA.org

THURSDAY, MARCH 7, 2024

Thursday, March 7, 2024 — Winter 2024

SESSION II — Energy Workshop — Winter 2024

Water & Wastewater

Course #03-012414-30 NYPE (5.0 TCH WWW)

CPWM Course NJWEA-DLGS-1339 5 Hr. Tech

Moderators: **Phil Pedros, PE, PhD**, Mott MacDonald
Bob Carlson, Executive Director, CCUA

- 8:30 am **Resiliency for Electrical Systems**
Steve Martino, PE, CDM Smith
- 9:15 am **NJ Benchmarking regulation and USEPA's Energy Star Portfolio Manager Benchmarking for Wastewater Treatment Plants**
Laurie Weigand-Jackson, President, Utility Advantage
- 10:00 am Coffee Break (included)
- 10:15 am **Aeration Blowers and Flow Based DO Controls for Wastewater Treatment**
Michael F. Raczak, Sherwood Logan & Associates
- 11:00 am **At the Crossroads of Energy and Data Analytics Implementing a Laboratory Information Management System (LIMS)**
Christopher MacNeel, Chief Operating Officer, Freya Systems
- 11:45 am Lunch (included)
- 1:30 pm **A Collaborative Look at Energy Efficiency by Industry and Academia**
Rumman Chowdhury PhD Fellow, Rowan University
- 2:30 pm **If It Ain't Broke - Proper Preventative Maintenance**
Eric Lavin, VP of Power Systems, Florida Detroit Diesel
- 3:30 pm Session Ends

THURSDAY, MARCH 7, 2024

Thursday, March 7, 2024 — Winter 2024

SESSION III — Maintenance Workshop - Winter 2024

Water & Wastewater

Course #03-012415-30 (5.0 TCH)

CPWM Course NJWEA-DLGS-1341 , 5 Hr. Tech

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

- 8:30 am **Techniques in Locating Underground Utilities**
Gus Salles, Sales Associate/Customer Service Manager, Eastcom
- 9:30 am **Smart Strategies for Conditioning Monitoring Using Thermal and Acoustic Imaging**
Ed Kohanek, Sr. Key Account Manager-North East, FLIR
- 10:15 am Coffee Break (included)
- 10:30 am **Insights into Industrial Lubrication**
Dan Mertens, Sales Specialist, Corrosion Control Products and Equipment
- 11:45 am Lunch (included)
- 1:30 pm **Sump Pit Problems and Solutions**
Shawn Pavan, Sales Representative, Zep Sales and Service
- 2:00 pm **Advancements in Measurement Technology for Water and Wastewater**
Mark Morton, Regional Industry Business Manager, Endress and Hauser
- 2:45 pm **Shingle Roofing Installations and Maintenance**
Roman Wisniewski, JMEUC Maintenance Manager, Retired
- 3:30 pm Session Ends

THURSDAY, MARCH 7, 2024

Thursday, March 7, 2024 — Winter 2024

Session IV – Toxic and Combustible Gas Detection Practices in the Water and Wastewater Industry

Course #03-012416-30 (5.0 TCH) WWW

CPWM Course NJWEA-DLGS-1342, 5 Hr. Tech

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

Speakers: **Steve Slavutsky**, Regional Sales Manager, Draeger Safety
Peter Jackson, Business Development Manager,
Neal Systems, Inc.
Taylor Kimble, Marketing & Business Development,
Neal Systems, Inc.

Course Description: Personnel involved in the maintenance of drinking water and wastewater treatment systems are at risk of exposure to both toxic and combustible gases within many areas of a treatment system's infrastructure.

This presentation is designed for all water and wastewater operations profession in which such practices will be presented.

The course will review strategies for gas leak monitoring and detection within a treatment system, as well as methods maintenance personnel should observe when working in areas where toxic or combustible gas leaks are a strong possibility.

Options for gas leak detection instrumentation and systems will be discussed, along with basic theories and principles explaining how such equipment works.

The Configuration and maintenance of plant's gas leak detection infrastructure will be discussed within the context of keeping people and property protected and safe.

8:30 am	Overview on Gas Detection / Gas Leak Sensor Types and How they Work and Gas Leak Detection Systems
9:45 am	Coffee Break (included)
10:00 am	Gas Leak Detection Infrastructure Configuration and Maintenance
11:45 am	Lunch (included)
1:30 pm	Gas Leak Detection Infrastructure Configuration and Maintenance Cont.
2:00 pm	Where Can Toxic and Combustible Gas Leaks Happen
3:15 pm	Course Review and Questions
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: <http://tinyurl.com/ywz2fv6u>

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 4, 2024	Tuesday, March 5, 2024
___ IA Licensed Operator Rev ... \$145.00	___ IA Licensed Operator Rev ... \$145.00
___ IB Licensed Operator Rev ... \$145.00	___ IB Licensed Operator Rev ... \$145.00
___ II Project Management \$145.00	___ II Hazmat \$145.00
___ III Utility of the Future \$145.00	___ III Collection O&M..... \$145.00
___ IV IT/Cyber Security..... \$145.00	___ IV Problems/Concerns..... \$145.00
___ V Engineering Evening \$145.00	___ V Engineering Ethics \$145.00
Wednesday, March 6, 2024	Thursday, March 7, 2024
___ IA Licensed Operator Rev ... \$145.00	___ IA Licensed Operator Rev ... \$145.00
___ IB Licensed Operator Rev ... \$145.00	___ II Energy Workshop \$145.00
___ II Wastewater Operations... \$145.00	___ III Maintenance Workshop .. \$145.00
___ III Safety \$145.00	___ IV Gas Detection \$145.00
___ IV NY/NJ/PA PE Training..... \$145.00	
___ V Engineering Evening \$145.00	

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

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

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

PAYMENT AMOUNT DUE: (SUM & ENTER ON PG2) _____

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 1, 2024**
- **PRE-REGISTRATION BY FAX ENDS March 1, 2024**
- **NO CANCELLATIONS ACCEPTED AFTER March 2, 2024**
- **Online Registration Ends March 2, 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

Maria Bausch, PE, ENV SP,
Senior Project Engineer, Mott MacDonald

Francis Bonaccorso,
Superintendent, JMEUC,
President Elect, NJWEA

Sorin Astalus, JMEUC, IT Committee, NJWEA

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

Albert J. Capuzzi, Mid-Atlantic
Practice Leader, Jacobs

Debbie Cardena, Registrar, NJWEA

Dan Carey, Magnum Vac Service

Jason Chase, Harper-Haines

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

Danielle Farrell, P.E.
Mott MacDonald

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

Srinivas Gidugu, Project Manager, HAKS

Thomas Greci, President, ECM,
Past President, NJWEA

Chris Hoffman, Retired, NJDEP

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

Harry Ladisheff, Operator,
Bayshore Regional 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

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Lisa Oberreiter, Superintendent, MCUA

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Bruce Smith, Comptroller, NJWEA

Harry Smith, Retired President,
Certified Health and Safety

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Jay Surti, Senior Associate,
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Charles Theodora,
Assistant Superintendent, Bayshore RSA

Ramon Vara, Retired

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

Roman Wisniewski,
Maintenance Manager, JMEUC, Retired

Antoni Wyczesany, JMEUC, Retired



**New Jersey Water
Environment Association**

P.O. Box 737
Woodland Park, NJ 07424

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